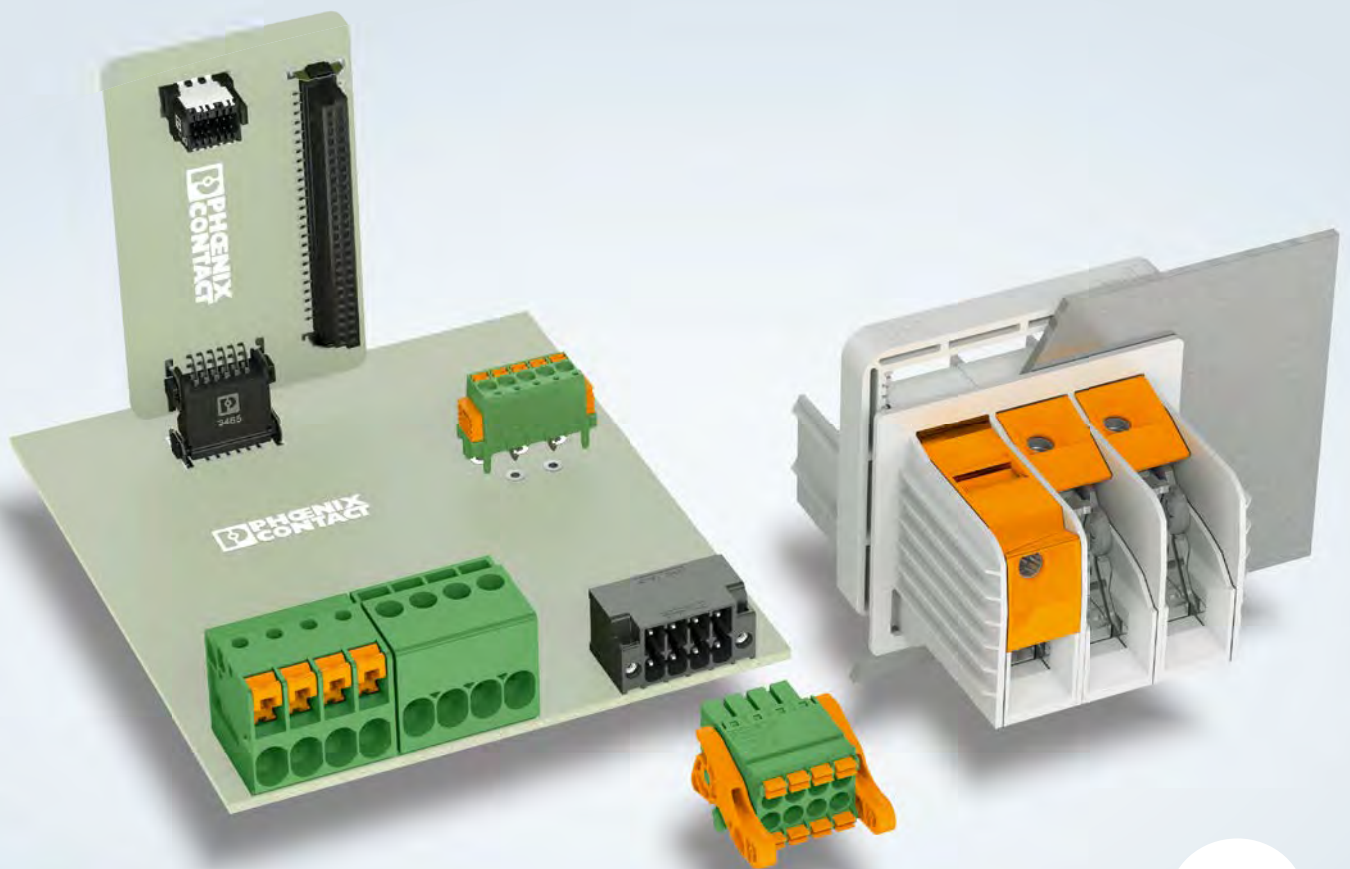
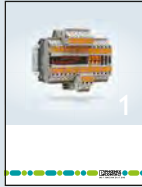




PCB terminal blocks and PCB connectors

Edition 1/2019



Terminal blocks

- Terminal blocks



Interface technology and switching devices

- Electronic switching devices and motor control
- Measurement and control technology
- Monitoring
- Relay modules
- System cabling for controllers



Sensor/actuator cabling and connectors

- Sensor/actuator cabling
- Cables and lines
- Connectors



Automation

- PLCnext Technology
- Industrial cloud computing
- Software
- PLCs and I/O systems
- Functional safety
- Industrial communication technology
- HMI and industrial PCs
- Lighting and signaling



Marking systems, tools, and mounting material

- Marking and labeling
- Tools
- Installation and mounting material



Charging technology for electromobility

- Charging technology for electromobility



Surge protection, power supplies, and device circuit breakers

- Surge protection and interference suppression filters
- Power supplies and UPS
- Protective devices



PCB terminal blocks and PCB connectors

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PCB terminal blocks

- For conductor cross sections from 0.14 mm² (AWG 26) to 95 mm² (AWG 3/0)
- For currents up to 232 A (IEC) / 200 A (UL B, C)
- For voltages up to 1000 V (IEC) / 600 V (UL B, C)
- With screw, spring and insulation displacement connection for various connection directions
- For pitches from 2.5 mm to 20 mm
- For wave, THR and SMT soldering

i Web code: [#0391](#)



4

PCB connectors

- For conductor cross sections from 0.14 mm² (AWG 26) to 35 mm² (AWG 2)
- For currents up to 125 A (IEC) / 115 A (UL B, C)
- For voltages up to 1000 V (IEC) / 600 V (UL B, C)
- With screw, spring, insulation displacement and crimp connection for various connection directions
- For pitches from 2.5 mm to 15 mm
- For board-to-board, wire-to-board and wire-to-wire connections

i Web code: [#0425](#)



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Board-to-board connectors

- With shielded and unshielded versions
- For stacked, coplanar, and mother-daughter printed-circuit boards, and connections with a flat-ribbon cable
- For 0.8 and 1.27 mm pitch
- For number of positions from 12 to 80
- For data transmission speeds up to 16 Gbps
- For currents up to 1.4 A

i Web code: [#2128](#)



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High-current feed-through terminal blocks

- For conductor cross sections from 4 mm² (AWG 10) to 150 mm² (AWG 250)
- For currents up to 309 A (IEC) / 309 A (UL B, C)
- For voltages up to 1000 V (IEC) / 600 V (UL B, C)
- With screw, spring, T-LOX and bolt connection for various connection directions
- For panel thickness from 1 to 6 mm
- Fastening through tool-free snap-in locking

i Web code: [#0456](#)



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PCB terminal blocks

Conductor cross section up to 0.5 mm² (AWG 20)

Screw connection with tension sleeve	6
Push-in spring connection	6
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Nominal cross section up to 95 mm² (3/0)

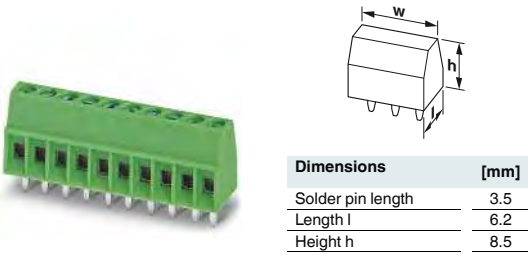
Screw connection with tension sleeve	128

PCB terminal blocks

Conductor cross section up to 0.5 mm² (AWG 20)

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 2.54 mm

MPT 0,5, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MPT 0,5/ 2-2,54	1725656	250	5.54
3	MPT 0,5/ 3-2,54	1725669	250	8.08
4	MPT 0,5/ 4-2,54	1725672	250	10.62
5	MPT 0,5/ 5-2,54	1725685	250	13.16
6	MPT 0,5/ 6-2,54	1725698	100	15.7
7	MPT 0,5/ 7-2,54	1725708	100	18.24
8	MPT 0,5/ 8-2,54	1725711	100	20.78
9	MPT 0,5/ 9-2,54	1725724	100	23.32
10	MPT 0,5/ 10-2,54	1725737	100	25.86
11	MPT 0,5/ 11-2,54	1725740	50	28.4
12	MPT 0,5/ 12-2,54	1725753	50	30.94

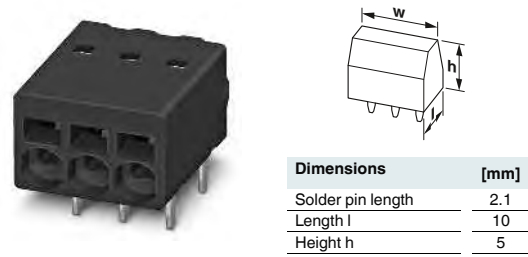


Technical data

Connection capacity				
Solid / stranded	[mm ²]	0.14 - 0.5 / 0.14 - 0.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 0.34		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.34		
2 conductors with same cross section solid / stranded	[mm ²]	0.14 - 0.34 / 0.14 - 0.34		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		26 - 20		
Stripping length	[mm]	4.5		
Tightening torque	[Nm]	0.12 - 0.15 Nm		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	6 / 0.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	63	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	125 / 6	-	-
AWG		30-20	-	-
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	125 / 6	-	-
AWG		28-20	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Printed circuit board terminal, Push-in spring connection, Pitch: 2.5 mm

PTSM 0,5/...-H-THR, Linear double pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PTSM 0,5/ 2-2,5-H THR R24	1770885	530	5.5
3	PTSM 0,5/ 3-2,5-H THR R32	1770898	530	8
4	PTSM 0,5/ 4-2,5-H THR R32	1770908	530	10.5
5	PTSM 0,5/ 5-2,5-H THR R32	1770911	530	13
6	PTSM 0,5/ 6-2,5-H THR R32	1770924	530	15.5
7	PTSM 0,5/ 7-2,5-H THR R32	1770937	530	18
8	PTSM 0,5/ 8-2,5-H THR R32	1770940	530	20.5

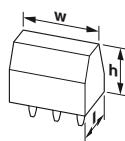


Technical data

Connection capacity				
Solid / stranded	[mm²]	0.14 - 0.5 / 0.2 - 0.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 0.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 0.34		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-		
Conductor cross section AWG/kcmil		26 - 20		
Stripping length	[mm]	6		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	6 / 0.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	63	160	200
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	150 / 5	-	-
AWG		26-18	-	-
General data				
Type of insulation material / insulation material group		LCP / IIIa		
Inflammability class in acc. with UL 94		V0		

Printed circuit board terminal, Push-in spring connection, Pitch: 2.5 mm

PTSM 0,5/...-V-THR, Linear double pinning



Dimensions	[mm]
Solder pin length	2.1
Length l	5
Height h	10



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PTSM 0,5/ 2-2,5-V THR R44	1770953	310	5.5
3	PTSM 0,5/ 3-2,5-V THR R44	1770966	310	8
4	PTSM 0,5/ 4-2,5-V THR R44	1770979	310	10.5
5	PTSM 0,5/ 5-2,5-V THR R44	1770982	310	13
6	PTSM 0,5/ 6-2,5-V THR R44	1770995	310	15.5
7	PTSM 0,5/ 7-2,5-V THR R44	1771004	310	18
8	PTSM 0,5/ 8-2,5-V THR R44	1771017	310	20.5

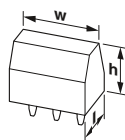


Technical data

Connection capacity				
Solid / stranded	[mm ²]	0.14 - 0.5 / 0.2 - 0.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 0.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.34		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		26 - 20		
Stripping length	[mm]	6		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	6 / 0.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	63	160	200
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	150 / 5	-	-
AWG		26-18	-	-
General data				
Type of insulation material / insulation material group		LCP / IIIa		
Inflammability class in acc. with UL 94		V0		

Printed circuit board terminal, Push-in spring connection, Pitch: 2.5 mm

PTSM 0,5/...-H-SMD, Linear pad geometry



Dimensions	[mm]
Solder pin length	-
Length l	9
Height h	5.12



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PTSM 0,5/ 2-2,5-H SMD R24	1702473	770	7.6
3	PTSM 0,5/ 3-2,5-H SMD R44	1771033	770	10.1
5	PTSM 0,5/ 5-2,5-H SMD R44	1771059	770	15.1
6	PTSM 0,5/ 6-2,5-H SMD R44	1771062	770	17.6
7	PTSM 0,5/ 7-2,5-H SMD R44	1771075	770	20.1
8	PTSM 0,5/ 8-2,5-H SMD R44	1771088	770	22.6



Technical data

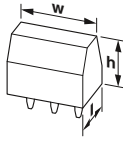
Connection capacity				
Solid / stranded	[mm ²]	0.14 - 0.5 / 0.2 - 0.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 0.5		
Stranded with ferrules with plastic sleeve	[mm ²]	-		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		26 - 20		
Stripping length	[mm]	6		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	6 / 0.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	32	160	160
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	150 / 5	-	-
AWG		26-18	-	-
General data				
Type of insulation material / insulation material group		LCP / IIIa		
Inflammability class in acc. with UL 94		V0		

PCB terminal blocks

Conductor cross section up to 0.5 mm² (AWG 20)

Printed circuit board terminal, Push-in spring connection, Pitch: 2.5 mm

PTSM 0,5/...-V-SMD, Linear pad geometry



Dimensions	[mm]
Solder pin length	-
Length l	7
Height h	9



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PTSM 0,5/ 2-2,5-V SMD R44	1771091	400	10.1
3	PTSM 0,5/ 3-2,5-V SMD R44	1771101	400	12.6
4	PTSM 0,5/ 4-2,5-V SMD R44	1771114	400	15.1
5	PTSM 0,5/ 5-2,5-V SMD R44	1771127	400	17.6
6	PTSM 0,5/ 6-2,5-V SMD R44	1771130	400	20.1
7	PTSM 0,5/ 7-2,5-V SMD R44	1771143	400	22.6
8	PTSM 0,5/ 8-2,5-V SMD R44	1771156	400	25.1

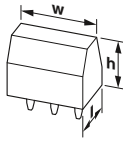


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.14 - 0.5 / 0.2 - 0.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 0.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 0.34	
2 conductors with same cross section solid / stranded	[mm²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-	
Conductor cross section AWG/kcmil		26 - 20	
Stripping length	[mm]	6	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	6 / 0.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	32	160 160
Rated surge voltage	[kV]	2.5	2.5 2.5
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	150 / 5	- -
AWG		26-18	- -
General data			
Type of insulation material / insulation material group		LCP / IIIa	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Push-in spring connection, Pitch: 2.5 mm

PTSM 0,5/...-H-THR WH, Linear double pinning



Dimensions	[mm]
Solder pin length	2.1
Length l	10
Height h	5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PTSM 0,5/ 2-2,5-H THR WH R24	1814498	530	5.5
3	PTSM 0,5/ 3-2,5-H THR WH R32	1814508	530	8
4	PTSM 0,5/ 4-2,5-H THR WH R32	1814511	530	10.5
5	PTSM 0,5/ 5-2,5-H THR WH R32	1814524	530	13
6	PTSM 0,5/ 6-2,5-H THR WH R32	1814537	530	15.5
7	PTSM 0,5/ 7-2,5-H THR WH R32	1814540	530	18
8	PTSM 0,5/ 8-2,5-H THR WH R32	1814553	530	20.5

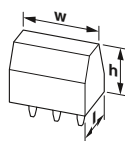


Technical data

Connection capacity			
Solid / stranded	[mm ²]	0.14 - 0.5 / 0.2 - 0.5	
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 0.5	
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.34	
2 conductors with same cross section solid / stranded	[mm ²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-	
Conductor cross section AWG/kcmil		26 - 20	
Stripping length	[mm]	6	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	6 / 0.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	160	160 400
Rated surge voltage	[kV]	2.5	2.5 2.5
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	150 / 5	- -
AWG		26-18	- -
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Push-in spring connection, Pitch: 2.5 mm

PTSM 0,5/...-V-THR WH, Linear double pinning



Dimensions	[mm]
Solder pin length	2.1
Length l	5
Height h	10



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PTSM 0,5/ 2-2,5-V THR WH R44	1814566	310	5.5
3	PTSM 0,5/ 3-2,5-V THR WH R44	1814579	310	8
4	PTSM 0,5/ 4-2,5-V THR WH R44	1814582	310	10.5
5	PTSM 0,5/ 5-2,5-V THR WH R44	1814595	310	13
6	PTSM 0,5/ 6-2,5-V THR WH R44	1814605	310	15.5
7	PTSM 0,5/ 7-2,5-V THR WH R44	1814618	310	18
8	PTSM 0,5/ 8-2,5-V THR WH R44	1814621	310	20.5

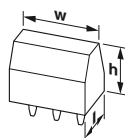


Technical data

Connection capacity				
Solid / stranded	[mm ²]	0.14 - 0.5 / 0.2 - 0.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 0.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.34		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		26 - 20		
Stripping length	[mm]	6		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	6 / 0.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	400
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	150 / 5	-	-
AWG		26-18	-	-
General data				
Type of insulation material / insulation material group		HT PA / I		
Inflammability class in acc. with UL 94		V0		

Printed circuit board terminal, Push-in spring connection, Pitch: 2.5 mm

PTSM 0,5/...-H-SMD WH, Linear pad geometry



Dimensions	[mm]
Solder pin length	-
Length l	9
Height h	5.12



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PTSM 0,5/ 2-2,5-H SMD WH R24	1814634	770	7.6
3	PTSM 0,5/ 3-2,5-H SMD WH R44	1814647	770	10.1
4	PTSM 0,5/ 4-2,5-H SMD WH R24	1814650	770	12.6
5	PTSM 0,5/ 5-2,5-H SMD WH R44	1814663	770	15.1
6	PTSM 0,5/ 6-2,5-H SMD WH R44	1814676	770	17.6
7	PTSM 0,5/ 7-2,5-H SMD WH R44	1814689	770	20.1
8	PTSM 0,5/ 8-2,5-H SMD WH R44	1814692	770	22.6



Technical data

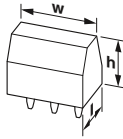
Connection capacity				
Solid / stranded	[mm ²]	0.14 - 0.5 / 0.2 - 0.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 0.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.34		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		26 - 20		
Stripping length	[mm]	6		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	6 / 0.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	63	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	150 / 5	-	-
AWG		26-18	-	-
General data				
Type of insulation material / insulation material group		PA GF / I		
Inflammability class in acc. with UL 94		V0		

PCB terminal blocks

Conductor cross section up to 0.5 mm² (AWG 20)

Printed circuit board terminal, Push-in spring connection, Pitch: 2.5 mm

PTSM 0,5/...-V-SMD WH, Linear pad geometry



Dimensions	[mm]
Solder pin length	2
Length l	7
Height h	9



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PTSM 0,5/ 2-2,5-V SMD WH R44	1814702	400	10.1
3	PTSM 0,5/ 3-2,5-V SMD WH R44	1814715	400	12.6
4	PTSM 0,5/ 4-2,5-V SMD WH R44	1814728	400	15.1
5	PTSM 0,5/ 5-2,5-V SMD WH R44	1814731	400	17.6
6	PTSM 0,5/ 6-2,5-V SMD WH R44	1814744	400	20.1
7	PTSM 0,5/ 7-2,5-V SMD WH R44	1814757	400	22.6
8	PTSM 0,5/ 8-2,5-V SMD WH R44	1814760	400	25.1

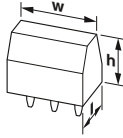


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.14 - 0.5 / 0.2 - 0.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 0.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 0.34	
2 conductors with same cross section solid / stranded	[mm²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-	
Conductor cross section AWG/kcmil		26 - 20	
Stripping length	[mm]	6	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	6 / 0.5	
Surge voltage category/degree of pollution		III / 3	III / 2 II / 2
Rated insulation voltage	[V]	63	160 320
Rated surge voltage	[kV]	2.5	2.5 2.5
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	150 / 5	- -
AWG		26-18	- -
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Push-in spring connection, Pitch: 2.5 mm

PTSA 0,5, Linear pinning



Dimensions	[mm]
Solder pin length	3.6
Length l	12
Height h	13.1



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PTSA 0,5/ 2-2,5-F	1989748	250	6.5
1	PTSA 0,5/ 1-2,5-F	1840967	100	4
3	PTSA 0,5/ 3-2,5-F	1989751	250	9
4	PTSA 0,5/ 4-2,5-F	1989764	250	11.5
5	PTSA 0,5/ 5-2,5-F	1989777	100	14
6	PTSA 0,5/ 6-2,5-F	1989780	100	16.5
7	PTSA 0,5/ 7-2,5-F	1989793	100	19
8	PTSA 0,5/ 8-2,5-F	1989803	100	21.5
9	PTSA 0,5/ 9-2,5-F	1989816	100	24
10	PTSA 0,5/ 10-2,5-F	1989829	100	26.5
11	PTSA 0,5/ 11-2,5-F	1989832	50	29
12	PTSA 0,5/ 12-2,5-F	1989845	50	31.5
13	PTSA 0,5/ 13-2,5-F	1989858	50	34
14	PTSA 0,5/ 14-2,5-F	1989861	50	36.5
15	PTSA 0,5/ 15-2,5-F	1989874	50	39
16	PTSA 0,5/ 16-2,5-F	1989887	50	41.5

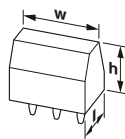


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.14 - 0.5 / 0.2 - 0.5	
Stranded with ferrules without plastic sleeve	[mm²]	-	
Stranded with ferrules with plastic sleeve	[mm²]	-	
2 conductors with same cross section solid / stranded	[mm²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-	
Conductor cross section AWG/kcmil		24 - 20	
Stripping length	[mm]	9	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	2 / 0.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	63	250 320
Rated surge voltage	[kV]	2.5	2.5 2.5
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	150 / 2	- 300 / 2
AWG		26-20	- 26-20
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Push-in spring connection, Pitch: 2.5 mm

PTSA 0,5, Zigzag pinning W



Dimensions	[mm]
Solder pin length	3.6
Length l	12
Height h	13.1



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PTSA 0,5/ 2-2,5-Z	1990009	250	6.5
3	PTSA 0,5/ 3-2,5-Z	1990012	250	9
4	PTSA 0,5/ 4-2,5-Z	1990025	250	11.5
5	PTSA 0,5/ 5-2,5-Z	1990038	100	14
6	PTSA 0,5/ 6-2,5-Z	1990041	100	16.5
7	PTSA 0,5/ 7-2,5-Z	1990054	100	19
8	PTSA 0,5/ 8-2,5-Z	1990067	100	21.5
9	PTSA 0,5/ 9-2,5-Z	1990070	100	24
10	PTSA 0,5/10-2,5-Z	1990083	100	26.5
11	PTSA 0,5/11-2,5-Z	1990096	50	29
12	PTSA 0,5/12-2,5-Z	1990106	50	31.5
13	PTSA 0,5/13-2,5-Z	1990119	50	34
14	PTSA 0,5/14-2,5-Z	1990122	50	36.5
15	PTSA 0,5/15-2,5-Z	1990135	50	39
16	PTSA 0,5/16-2,5-Z	1990148	50	41.5

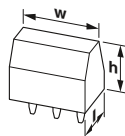
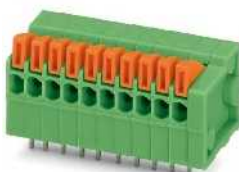


Technical data

Connection capacity		
Solid / stranded	[mm ²]	0.14 - 0.5 / 0.2 - 0.5
Stranded with ferrules without plastic sleeve	[mm ²]	-
Stranded with ferrules with plastic sleeve	[mm ²]	-
2 conductors with same cross section solid / stranded	[mm ²]	- / -
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-
Conductor cross section AWG/kcmil		24 - 20
Stripping length	[mm]	9
Tightening torque	[Nm]	-
Electrical parameters		
Rated current / conductor cross section	[A] / [mm ²]	2 / 0.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	160 250 400
Rated surge voltage	[kV]	4 4 4
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 2 - 300 / 2
AWG		26-20 - 26-20
General data		
Type of insulation material / insulation material group		PA / I
Inflammability class in acc. with UL 94		V0

Printed circuit board terminal, Push-in spring connection, Pitch: 2.54 mm

FFKDS(A) 0,5/-H, Linear double pinning



Dimensions	[mm]
Solder pin length	3.6
Length l	13.6
Height h	12.6



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FFKDSA1/H-2,54- 2	1792511	50	7.58
3	FFKDSA1/H-2,54- 3	1789317	50	10.12
4	FFKDSA1/H-2,54- 4	1789139	50	12.66
6	FFKDSA1/H-2,54- 6	1789265	50	17.74
8	FFKDSA1/H-2,54- 8	1780837	50	22.82
9	FFKDSA1/H-2,54- 9	1700211	50	25.36
10	FFKDSA1/H-2,54-10	1789333	10	27.9
11	FFKDSA1/H-2,54-11	1700224	10	30.44
12	FFKDSA1/H-2,54-12	1871306	10	32.98



Technical data

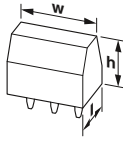
Connection capacity		
Solid / stranded	[mm ²]	0.14 - 0.5 / 0.14 - 0.5
Stranded with ferrules without plastic sleeve	[mm ²]	-
Stranded with ferrules with plastic sleeve	[mm ²]	-
2 conductors with same cross section solid / stranded	[mm ²]	- / -
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-
Conductor cross section AWG/kcmil		26 - 20
Stripping length	[mm]	11
Tightening torque	[Nm]	-
Electrical parameters		
Rated current / conductor cross section	[A] / [mm ²]	6 / 0.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	63 160 320
Rated surge voltage	[kV]	2.5 2.5 2.5
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	150 / 6 - -
AWG		26-20 - -
Approval data (CSA)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	150 / 6 - -
AWG		20 - -
General data		
Type of insulation material / insulation material group		PA / I
Inflammability class in acc. with UL 94		V0

PCB terminal blocks

Conductor cross section up to 0.5 mm² (AWG 20)

Printed circuit board terminal, Push-in spring connection, Pitch: 2.54 mm

FFKDSA(A) 0,5/...-V, Linear double pinning



Dimensions	[mm]
Solder pin length	3.4
Length l	12.6
Height h	13.6



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FFKDSA1/V-2,54- 2	1789618	50	7.58
3	FFKDSA1/V-2,54- 3	1789320	50	10.12
4	FFKDSA1/V-2,54- 4	1789595	50	12.66
5	FFKDSA1/V-2,54- 5	1789582	50	15.2
6	FFKDSA1/V-2,54- 6	1789579	50	17.74
8	FFKDSA1/V-2,54- 8	1789472	50	22.82
9	FFKDSA1/V-2,54- 9	1888276	10	25.36
10	FFKDSA1/V-2,54-10	1789401	10	27.9
12	FFKDSA1/V-2,54-12	1780950	10	32.98
13	FFKDSA1/V-2,54-13	1700266	10	35.52
14	FFKDSA1/V-2,54-14	1700279	10	38.06
16	FFKDSA1/V-2,54-16	1789074	10	43.14

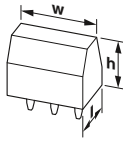


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.14 - 0.5 / 0.14 - 0.5	
Stranded with ferrules without plastic sleeve	[mm²]	-	
Stranded with ferrules with plastic sleeve	[mm²]	-	
2 conductors with same cross section solid / stranded	[mm²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-	
Conductor cross section AWG/kcmil		26 - 20	
Stripping length	[mm]	11	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	6 / 0.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	63	160 320
Rated surge voltage	[kV]	2.5	2.5 2.5
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	150 / 6	- -
AWG		26-20	- -
Approval data (CSA)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	150 / 6	- -
AWG		20	- -
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Push-in spring connection, Pitch: 3.5 mm

FK-MPT 0,5/...-H, Linear pinning



Dimensions	[mm]
Solder pin length	4
Length l	9.5
Height h	8.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FK-MPT 0,5/ 2-3,5-H	1928767	50	7.5
3	FK-MPT 0,5/ 3-3,5-H	1928770	50	11
4	FK-MPT 0,5/ 4-3,5-H	1928783	50	14.5
5	FK-MPT 0,5/ 5-3,5-H	1928796	50	18
6	FK-MPT 0,5/ 6-3,5-H	1928806	50	21.5
7	FK-MPT 0,5/ 7-3,5-H	1928819	50	25
8	FK-MPT 0,5/ 8-3,5-H	1928822	50	28.5
9	FK-MPT 0,5/ 9-3,5-H	1928835	50	32
10	FK-MPT 0,5/10-3,5-H	1928848	50	35.5
11	FK-MPT 0,5/11-3,5-H	1928851	50	39
12	FK-MPT 0,5/12-3,5-H	1928864	50	42.5
13	FK-MPT 0,5/13-3,5-H	1928877	50	46
14	FK-MPT 0,5/14-3,5-H	1928880	50	49.5
15	FK-MPT 0,5/15-3,5-H	1928893	50	53
16	FK-MPT 0,5/16-3,5-H	1928903	50	56.5

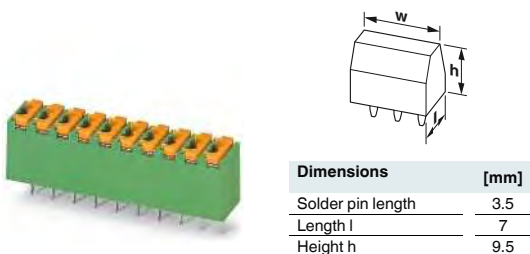


Technical data

Connection capacity			
Solid / stranded	[mm ²]	0.12 - 0.5 / -	
Stranded with ferrules without plastic sleeve	[mm ²]	-	
Stranded with ferrules with plastic sleeve	[mm ²]	-	
2 conductors with same cross section solid / stranded	[mm ²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-	
Conductor cross section AWG/kcmil		26 - 20	
Stripping length	[mm]	6.5	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	4 / 0.5	
Surge voltage category/degree of pollution		III / 3	III / 2 II / 2
Rated insulation voltage	[V]	160	250 250
Rated surge voltage	[kV]	2.5	2.5 2.5
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 4	- 300 / 4
AWG		28-20	- 28-20
General data			
Type of insulation material / insulation material group		PBT / IIIa	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Push-in spring connection, Pitch: 3.5 mm

FK-MPT 0,5/...-V, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FK-MPT 0,5/ 2-3,5	1891069	50	7.5
3	FK-MPT 0,5/ 3-3,5	1891072	50	11
4	FK-MPT 0,5/ 4-3,5	1891085	50	14.5
5	FK-MPT 0,5/ 5-3,5	1891098	50	18
6	FK-MPT 0,5/ 6-3,5	1891108	50	21.5
7	FK-MPT 0,5/ 7-3,5	1891111	50	25
8	FK-MPT 0,5/ 8-3,5	1891124	50	28.5
9	FK-MPT 0,5/ 9-3,5	1891137	50	32
10	FK-MPT 0,5/10-3,5	1891140	50	35.5
11	FK-MPT 0,5/11-3,5	1891153	50	39
12	FK-MPT 0,5/12-3,5	1891166	50	42.5
13	FK-MPT 0,5/13-3,5	1891179	50	46
14	FK-MPT 0,5/14-3,5	1891182	50	49.5
15	FK-MPT 0,5/15-3,5	1891195	50	53
16	FK-MPT 0,5/16-3,5	1891205	50	56.5

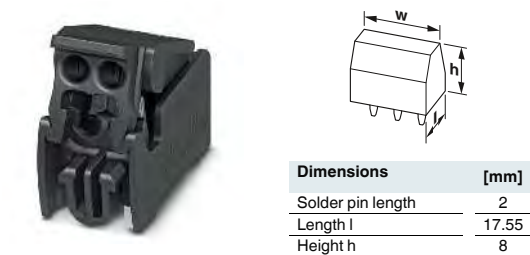


Technical data

Connection capacity				
Solid / stranded	[mm ²]	0.12 - 0.5 / -		
Stranded with ferrules without plastic sleeve	[mm ²]	-		
Stranded with ferrules with plastic sleeve	[mm ²]	-		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		26 - 20		
Stripping length	[mm]	6.5		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	4 / 0.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	250	250
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 4	-	300 / 4
AWG		28-20	-	28-20
General data				
Type of insulation material / insulation material group		PBT / IIIa		
Inflammability class in acc. with UL 94		V0		

Printed circuit board terminal, Displacement connection, Pitch: 2.5 mm

PTQ 0,3/...-THR, Zigzag pinning W



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PTQ 0,3/ 2-2,5 THR R32	1702610	250	7



Technical data

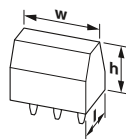
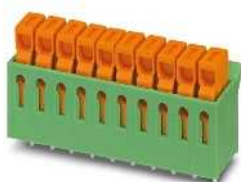
Connection capacity				
Solid / stranded	[mm ²]	0.14 - 0.34 / 0.14 - 0.34		
Stranded with ferrules without plastic sleeve	[mm ²]	-		
Stranded with ferrules with plastic sleeve	[mm ²]	-		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		26 - 22		
Stripping length	[mm]	-		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	4 / 0.34		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	200
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	150 / 2	-	-
AWG		24	-	-
General data				
Type of insulation material / insulation material group		LCP / IIIa		
Inflammability class in acc. with UL 94		V0		

PCB terminal blocks

Conductor cross section up to 0.5 mm² (AWG 20)

Printed circuit board terminal, Displacement connection, Pitch: 3.81 mm

IDC 0,3, Linear pinning



Dimensions	[mm]
Solder pin length	3.4
Length l	12.4
Height h	18.8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	IDC 0,3/ 2-3,81	1706170	50	8.81
3	IDC 0,3/ 3-3,81	1706183	50	12.62
4	IDC 0,3/ 4-3,81	1706196	50	16.43
5	IDC 0,3/ 5-3,81	1706206	50	20.24
6	IDC 0,3/ 6-3,81	1706219	50	24.05
7	IDC 0,3/ 7-3,81	1706222	50	27.86
8	IDC 0,3/ 8-3,81	1706235	50	31.67
9	IDC 0,3/ 9-3,81	1706248	50	35.48
10	IDC 0,3/10-3,81	1706251	50	39.29
11	IDC 0,3/11-3,81	1706264	50	43.1
12	IDC 0,3/12-3,81	1706277	50	46.91



Technical data

Connection capacity				
Solid / stranded	[mm²]	0.13 - 0.34 / 0.22 - 0.34		
Stranded with ferrules without plastic sleeve	[mm²]	-		
Stranded with ferrules with plastic sleeve	[mm²]	-		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-		
Conductor cross section AWG/kcmil		26 - 22		
Stripping length	[mm]	-		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	5 / 0.34		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	250 / 5	-	300 / 5
AWG		28-22	-	28-22
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 5	-	300 / 5
AWG		28-22	-	28-22
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Printed circuit board terminal, Screw connection with wire protector, Pitch: 3.5 mm

PT 1,5/...-H, Linear pinning



Dimensions	[mm]
Solder pin length	4.5
Length l	7.55
Height h	9.15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PT 1,5/ 2-3,5-H	1984617	250	7
3	PT 1,5/ 3-3,5-H	1984620	250	10.5
4	PT 1,5/ 4-3,5-H	1984633	250	14
5	PT 1,5/ 5-3,5-H	1984646	100	17.5
6	PT 1,5/ 6-3,5-H	1984659	100	21
7	PT 1,5/ 7-3,5-H	1984662	100	24.5
8	PT 1,5/ 8-3,5-H	1984675	100	28
9	PT 1,5/ 9-3,5-H	1984688	100	31.5
10	PT 1,5/10-3,5-H	1984691	100	35
11	PT 1,5/11-3,5-H	1984701	50	38.5
12	PT 1,5/12-3,5-H	1984714	50	42
13	PT 1,5/13-3,5-H	1984727	50	45.5
14	PT 1,5/14-3,5-H	1984730	50	49
15	PT 1,5/15-3,5-H	1984743	50	52.5
16	PT 1,5/16-3,5-H	1984756	50	56

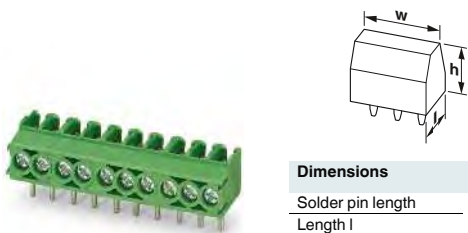


Technical data

Connection capacity		
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	-
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.75
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 0.34 / 0.2 - 0.5
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-
Conductor cross section AWG/kcmil		26 - 16
Stripping length	[mm]	5
Tightening torque	[Nm]	0.22 - 0.25 Nm
Electrical parameters		
Rated current / conductor cross section	[A] / [mm ²]	17.5 / 1.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	160 200 400
Rated surge voltage	[kV]	2.5 2.5 2.5
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 10 - 300 / 10
AWG		26-16 - 26-16
General data		
Type of insulation material / insulation material group		PA / I
Inflammability class in acc. with UL 94		VO

Printed circuit board terminal, Screw connection with wire protector, Pitch: 3.5 mm

PT 1,5/...-V, Linear pinning



Dimensions	[mm]
Solder pin length	4.5
Length l	9.15
Height h	7.55



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PT 1,5/ 2-3,5-V	1984769	250	7
3	PT 1,5/ 3-3,5-V	1984772	250	10.5
4	PT 1,5/ 4-3,5-V	1984785	250	14
5	PT 1,5/ 5-3,5-V	1984798	100	17.5
6	PT 1,5/ 6-3,5-V	1984808	100	21
7	PT 1,5/ 7-3,5-V	1984811	100	24.5
8	PT 1,5/ 8-3,5-V	1984824	100	28
9	PT 1,5/ 9-3,5-V	1984837	100	31.5
10	PT 1,5/10-3,5-V	1984840	100	35
11	PT 1,5/11-3,5-V	1984853	50	38.5
12	PT 1,5/12-3,5-V	1984866	50	42
13	PT 1,5/13-3,5-V	1984879	50	45.5
14	PT 1,5/14-3,5-V	1984882	50	49
15	PT 1,5/15-3,5-V	1984895	50	52.5
16	PT 1,5/16-3,5-V	1984905	50	56



Technical data

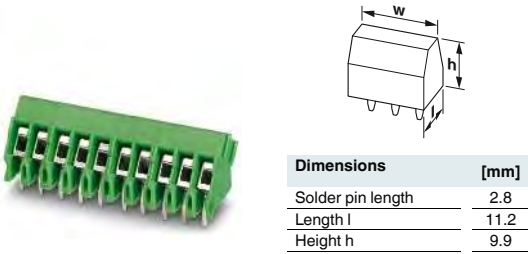
Connection capacity		
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	-
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.75
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 0.34 / 0.2 - 0.5
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-
Conductor cross section AWG/kcmil		26 - 16
Stripping length	[mm]	5
Tightening torque	[Nm]	0.22 - 0.25 Nm
Electrical parameters		
Rated current / conductor cross section	[A] / [mm ²]	17.5 / 1.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	160 200 400
Rated surge voltage	[kV]	2.5 2.5 2.5
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 10 - 300 / 10
AWG		26-16 - 26-16
General data		
Type of insulation material / insulation material group		PA / I
Inflammability class in acc. with UL 94		VO

PCB terminal blocks

Conductor cross section up to 1.5 mm² (AWG 16)

Printed circuit board terminal, Screw connection with wire protector, Pitch: 3.5 mm

PTA 1,5, Linear front pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PTA 1,5/ 2-3,5	1988956	250	7
3	PTA 1,5/ 3-3,5	1988969	250	10.5
4	PTA 1,5/ 4-3,5	1988972	250	14
5	PTA 1,5/ 5-3,5	1988985	100	17.5
6	PTA 1,5/ 6-3,5	1988998	100	21
7	PTA 1,5/ 7-3,5	1989007	100	24.5
8	PTA 1,5/ 8-3,5	1989010	100	28
9	PTA 1,5/ 9-3,5	1989023	100	31.5
10	PTA 1,5/10-3,5	1989036	100	35
11	PTA 1,5/11-3,5	1989049	50	38.5
12	PTA 1,5/12-3,5	1989052	50	42
13	PTA 1,5/13-3,5	1989065	50	45.5
14	PTA 1,5/14-3,5	1989078	50	49
15	PTA 1,5/15-3,5	1989081	50	52.5
16	PTA 1,5/16-3,5	1989094	50	56

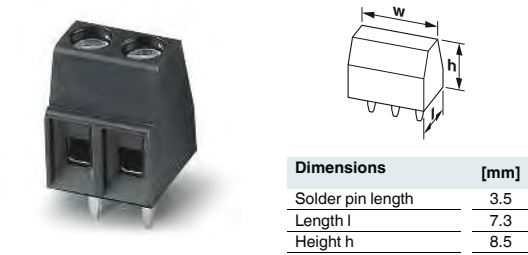


Technical data

Connection capacity			
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5	
Stranded with ferrules without plastic sleeve	[mm ²]	-	
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.75	
2 conductors with same cross section solid / stranded	[mm ²]	0.14 - 0.5 / 0.14 - 0.5	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-	
Conductor cross section AWG/kcmil		26 - 16	
Stripping length	[mm]	5	
Tightening torque	[Nm]	0.22 - 0.25 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	17.5 / 1.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	160	200 400
Rated surge voltage	[kV]	2.5	2.5 2.5
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		26-16	- 26-16
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 3.5 mm

MKDS 1/...-HT, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDS 1/ 2-3,5 HT BK	1985807	50	7.5
3	MKDS 1/ 3-3,5 HT BK	1984950	50	11
4	MKDS 1/ 4-3,5 HT BK	1820589	50	14.5

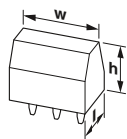


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.14 - 1.5 / 0.14 - 1.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 0.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 0.5	
2 conductors with same cross section solid / stranded	[mm²]	0.14 - 0.5 / 0.14 - 0.34	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-	
Conductor cross section AWG/kcmil		26 - 16	
Stripping length	[mm]	5	
Tightening torque	[Nm]	0.22 - 0.25 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	13.5 / 1.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	63	200 200
Rated surge voltage	[kV]	2.5	2.5 2.5
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		30-16	- 30-16
General data			
Type of insulation material / insulation material group		PA / IIIa	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 3.81 mm

MKDS 1/-SMD, Linear pad geometry



Dimensions	[mm]
Solder pin length	-
Length l	7.3
Height h	9.2



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDS 1/ 2-3,81 SMD BK	1727230	35	7.61
3	MKDS 1/ 3-3,81 SMD BK	1727243	28	11.42
4	MKDS 1/ 4-3,81 SMD BK	1727256	23	15.23
5	MKDS 1/ 5-3,81 SMD BK	1727269	20	19.04
6	MKDS 1/ 6-3,81 SMD BK	1727272	17	22.85
7	MKDS 1/ 7-3,81 SMD BK	1727285	15	26.66
8	MKDS 1/ 8-3,81 SMD BK	1727175	14	30.47
9	MKDS 1/ 9-3,81 SMD BK	1727298	12	34.28
10	MKDS 1/10-3,81 SMD BK	1727308	11	45.72
11	MKDS 1/11-3,81 SMD BK	1727311	10	49.53
12	MKDS 1/12-3,81 SMD BK	1727324	10	53.34

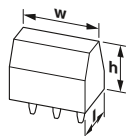


Technical data

Connection capacity		
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 0.5
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.5
2 conductors with same cross section solid / stranded	[mm ²]	0.14 - 0.5 / 0.14 - 0.2
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-
Conductor cross section AWG/kcmil		26 - 16
Stripping length	[mm]	5
Tightening torque	[Nm]	0.22 - 0.25 Nm
Electrical parameters		
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	160 160 250
Rated surge voltage	[kV]	2.5 2.5 2.5
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 10 - 300 / 10
AWG		30-16 - 30-16
General data		
Type of insulation material / insulation material group		PA / IIIa
Inflammability class in acc. with UL 94		V0

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 3.5 mm

MKDS 1, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	7.3
Height h	8.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDS 1/ 2-3,5	1751248	250	7.5
3	MKDS 1/ 3-3,5	1751251	250	11
4	MKDS 1/ 4-3,5	1751264	250	14.5
5	MKDS 1/ 5-3,5	1751277	250	18
6	MKDS 1/ 6-3,5	1751280	100	21.5
7	MKDS 1/ 7-3,5	1751293	100	25
8	MKDS 1/ 8-3,5	1751303	100	28.5
9	MKDS 1/ 9-3,5	1751316	100	32
10	MKDS 1/10-3,5	1751329	100	35.5
11	MKDS 1/11-3,5	1751332	50	39
12	MKDS 1/12-3,5	1751345	50	42.5
13	MKDS 1/13-3,5	1751358	50	46
14	MKDS 1/14-3,5	1751361	50	7.3
15	MKDS 1/15-3,5	1751374	50	53
16	MKDS 1/16-3,5	1751387	50	56.5



Technical data

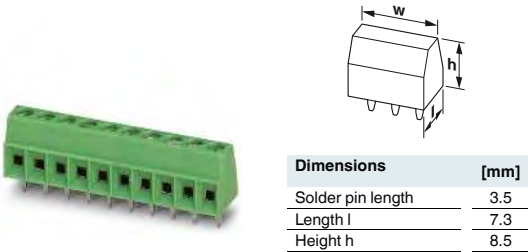
Connection capacity		
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 0.5
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.5
2 conductors with same cross section solid / stranded	[mm ²]	0.14 - 0.5 / 0.14 - 0.34
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-
Conductor cross section AWG/kcmil		26 - 16
Stripping length	[mm]	5
Tightening torque	[Nm]	0.22 - 0.25 Nm
Electrical parameters		
Rated current / conductor cross section	[A] / [mm ²]	13.5 / 1.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	160 200 400
Rated surge voltage	[kV]	2.5 2.5 2.5
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 10 - 300 / 10
AWG		30-16 - 30-16
General data		
Type of insulation material / insulation material group		PA / I
Inflammability class in acc. with UL 94		V0

PCB terminal blocks

Conductor cross section up to 1.5 mm² (AWG 16)

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 3.81 mm

MKDS 1, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDS 1/ 2-3,81	1727010	250	7.61
3	MKDS 1/ 3-3,81	1727023	250	11.42
4	MKDS 1/ 4-3,81	1727036	250	15.23
5	MKDS 1/ 5-3,81	1727049	250	19.04
6	MKDS 1/ 6-3,81	1727052	100	22.85
7	MKDS 1/ 7-3,81	1727065	100	26.66
8	MKDS 1/ 8-3,81	1727078	100	30.47
9	MKDS 1/ 9-3,81	1727081	100	34.28
10	MKDS 1/10-3,81	1727094	100	38.09
11	MKDS 1/11-3,81	1727104	50	41.9
12	MKDS 1/12-3,81	1727117	50	45.71
13	MKDS 1/13-3,81	1931754	50	49.52

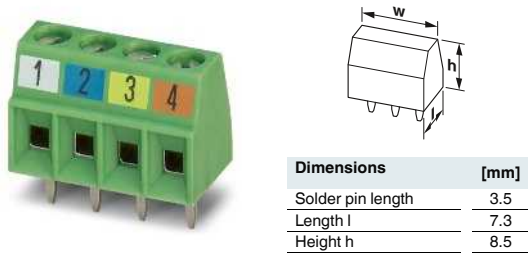


Technical data

Connection capacity		
Solid / stranded	[mm²]	0.14 - 1.5 / 0.14 - 1.5
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 0.5
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 0.5
2 conductors with same cross section solid / stranded	[mm²]	0.14 - 0.5 / 0.14 - 0.34
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-
Conductor cross section AWG/kcmil		26 - 16
Stripping length	[mm]	5
Tightening torque	[Nm]	0.22 - 0.25 Nm
Electrical parameters		
Rated current / conductor cross section	[A] / [mm²]	13.5 / 1.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	160 200 400
Rated surge voltage	[kV]	2.5 2.5 2.5
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 10 - 300 / 10
AWG		30-16 - 30-16
General data		
Type of insulation material / insulation material group		PA / I
Inflammability class in acc. with UL 94		V0

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 3.5 mm

MKDS 1 PROFINET, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
4	MKDS 1/ 4-3,5 PROFINET 2	1050488	250	14.5

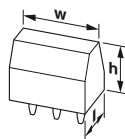


Technical data

Connection capacity		
Solid / stranded	[mm²]	0.14 - 1.5 / 0.14 - 1.5
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 0.5
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 0.5
2 conductors with same cross section solid / stranded	[mm²]	0.14 - 0.5 / 0.14 - 0.34
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-
Conductor cross section AWG/kcmil		26 - 16
Stripping length	[mm]	5
Tightening torque	[Nm]	0.22 - 0.25 Nm
Electrical parameters		
Rated current / conductor cross section	[A] / [mm²]	13.5 / 1.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	160 200 400
Rated surge voltage	[kV]	2.5 2.5 2.5
General data		
Type of insulation material / insulation material group		PA / I
Inflammability class in acc. with UL 94		V0

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 3.5 mm

SMKDS 1, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	10
Height h	9.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SMKDS 1/ 2-3,5	1751099	250	7.5
3	SMKDS 1/ 3-3,5	1751109	250	11
4	SMKDS 1/ 4-3,5	1751112	250	14.5
5	SMKDS 1/ 5-3,5	1751125	100	18
6	SMKDS 1/ 6-3,5	1751138	100	21.5
7	SMKDS 1/ 7-3,5	1751141	100	25
8	SMKDS 1/ 8-3,5	1751154	100	28.5
9	SMKDS 1/ 9-3,5	1751167	100	32
10	SMKDS 1/10-3,5	1751170	100	35.5
11	SMKDS 1/11-3,5	1751183	50	39
12	SMKDS 1/12-3,5	1751196	50	42.5
13	SMKDS 1/13-3,5	1751206	50	46
14	SMKDS 1/14-3,5	1751219	50	49.5
15	SMKDS 1/15-3,5	1751222	50	53
16	SMKDS 1/16-3,5	1751235	50	56.5

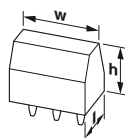


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.14 - 1.5 / 0.14 - 1	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 0.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 0.5	
2 conductors with same cross section solid / stranded	[mm²]	0.14 - 0.5 / 0.14 - 0.2	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-	
Conductor cross section AWG/kcmil		26 - 16	
Stripping length	[mm]	5	
Tightening torque	[Nm]	0.22 - 0.25 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	10 / 1.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	160	200 400
Rated surge voltage	[kV]	2.5	2.5 2.5
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		30-16	- 30-16
Approval data (CSA)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	150 / 10	- 300 / 10
AWG		28-16	- 28-16
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 3.81 mm

SMKDS 1, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	10
Height h	9.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SMKDS 1/ 2-3,81	1728284	250	7.61
3	SMKDS 1/ 3-3,81	1728297	250	11.42
4	SMKDS 1/ 4-3,81	1728307	250	15.23
5	SMKDS 1/ 5-3,81	1728310	100	19.04
6	SMKDS 1/ 6-3,81	1728323	100	22.85
7	SMKDS 1/ 7-3,81	1728336	100	26.66
8	SMKDS 1/ 8-3,81	1728349	100	30.47
9	SMKDS 1/ 9-3,81	1728352	100	34.28
10	SMKDS 1/10-3,81	1728365	100	38.09
11	SMKDS 1/11-3,81	1728378	50	41.9
12	SMKDS 1/12-3,81	1728381	50	45.71



Technical data

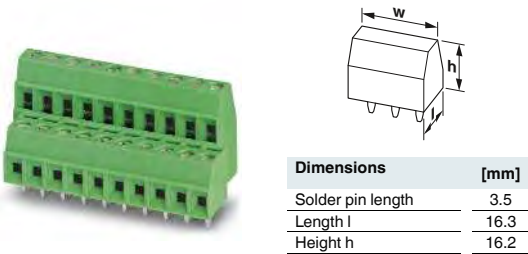
Connection capacity				
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 0.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.14 - 0.5 / 0.14 - 0.2		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		26 - 16		
Stripping length	[mm]	5		
Tightening torque	[Nm]	0.22 - 0.25 Nm		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	10 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	200	400
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		30-16	-	30-16
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	150 / 10	-	300 / 10
AWG		28-16	-	28-16
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB terminal blocks

Conductor cross section up to 1.5 mm² (AWG 16)

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 3.5 mm

MKKDS 1, Linear pinning



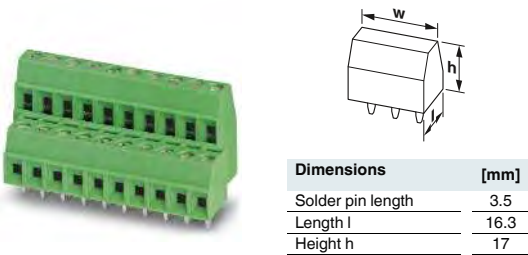
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKKDS 1/ 2-3,5	1751390	50	9.25
3	MKKDS 1/ 3-3,5	1751400	50	12.75
4	MKKDS 1/ 4-3,5	1751413	50	16.25
5	MKKDS 1/ 5-3,5	1751426	50	27.5
6	MKKDS 1/ 6-3,5	1751439	50	32.5
7	MKKDS 1/ 7-3,5	1751442	50	37.5
8	MKKDS 1/ 8-3,5	1751455	50	42.5
9	MKKDS 1/ 9-3,5	1751468	50	47.5
10	MKKDS 1/10-3,5	1751471	50	52.5
11	MKKDS 1/11-3,5	1751484	50	57.5
12	MKKDS 1/12-3,5	1751497	50	62.5
13	MKKDS 1/13-3,5	1751507	50	47.75
14	MKKDS 1/14-3,5	1751510	50	51.25
15	MKKDS 1/15-3,5	1751523	50	54.75
16	MKKDS 1/16-3,5	1751536	50	58.25



Technical data			
Connection capacity			
Solid / stranded	[mm²]	0.14 - 1.5 / 0.14 - 1	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 0.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 0.5	
2 conductors with same cross section solid / stranded	[mm²]	0.14 - 0.5 / 0.14 - 0.2	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-	
Conductor cross section AWG/kcmil		26 - 16	
Stripping length	[mm]	5	
Tightening torque	[Nm]	0.22 - 0.25 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	8 / 1.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	160	200 400
Rated surge voltage	[kV]	2.5	2.5 2.5
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		30-16	- 30-16
Approval data (CSA)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	150 / 10	- 300 / 10
AWG		28-16	- 28-16
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 3.81 mm

MKKDS 1, Linear pinning



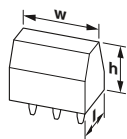
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKKDS 1/ 2-3,81	1708026	50	9.52
3	MKKDS 1/ 3-3,81	1708039	50	13.33
4	MKKDS 1/ 4-3,81	1708042	50	17.14
5	MKKDS 1/ 5-3,81	1708055	50	20.95
6	MKKDS 1/ 6-3,81	1708068	50	24.76
7	MKKDS 1/ 7-3,81	1708071	50	28.57
8	MKKDS 1/ 8-3,81	1708084	50	32.38
9	MKKDS 1/ 9-3,81	1708107	50	36.19
10	MKKDS 1/10-3,81	1708110	50	40
11	MKKDS 1/11-3,81	1708123	50	43.81
12	MKKDS 1/12-3,81	1708136	50	47.62



Technical data			
Connection capacity			
Solid / stranded	[mm²]	0.14 - 1.5 / 0.14 - 1	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 0.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 0.5	
2 conductors with same cross section solid / stranded	[mm²]	0.14 - 0.5 / 0.14 - 0.2	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-	
Conductor cross section AWG/kcmil		26 - 16	
Stripping length	[mm]	5	
Tightening torque	[Nm]	0.22 - 0.25 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	8 / 1.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	160	200 400
Rated surge voltage	[kV]	2.5	2.5 2.5
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		30-16	- 30-16
Approval data (CSA)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	150 / 10	- 300 / 10
AWG		28-16	- 28-16
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 3.81 mm

MK3DS 1, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	25
Height h	23.9



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MK3DS 1/ 2-3,81	1727735	50	9.52
3	MK3DS 1/ 3-3,81	1727748	50	13.33
4	MK3DS 1/ 4-3,81	1727751	50	17.14
5	MK3DS 1/ 5-3,81	1727764	50	20.95
6	MK3DS 1/ 6-3,81	1727777	50	24.76
7	MK3DS 1/ 7-3,81	1727780	50	28.57
8	MK3DS 1/ 8-3,81	1727793	50	32.38
9	MK3DS 1/ 9-3,81	1727803	50	36.19
10	MK3DS 1/10-3,81	1727816	50	40
11	MK3DS 1/11-3,81	1727829	50	43.81
12	MK3DS 1/12-3,81	1727832	50	47.62

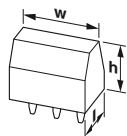


Technical data

Connection capacity		
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 0.5
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.5
2 conductors with same cross section solid / stranded	[mm ²]	0.14 - 0.5 / 0.14 - 0.2
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-
Conductor cross section AWG/kcmil		26 - 16
Stripping length	[mm]	5
Tightening torque	[Nm]	0.22 - 0.25 Nm
Electrical parameters		
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	160 160 320
Rated surge voltage	[kV]	2.5 2.5 2.5
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 10 - 300 / 10
AWG		30-16 - 30-16
Approval data (CSA)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	150 / 10 - 300 / 10
AWG		28-16 - 28-16
General data		
Type of insulation material / insulation material group		PA / I
Inflammability class in acc. with UL 94		V0

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 3.5 mm

SMKDS 1,5, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	13.7
Height h	12



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SMKDS 1,5/ 2-3,5	1931770	50	7
3	SMKDS 1,5/ 3-3,5	1931783	50	10.5



Technical data

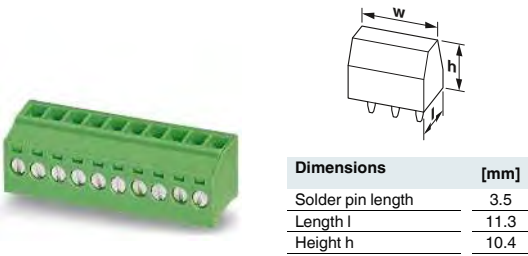
Connection capacity		
Solid / stranded	[mm ²]	0.08 - 1.5 / 0.08 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5
2 conductors with same cross section solid / stranded	[mm ²]	0.08 - 0.5 / 0.08 - 0.75
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.34
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-
Conductor cross section AWG/kcmil		28 - 16
Stripping length	[mm]	7
Tightening torque	[Nm]	0.22 - 0.25 Nm
Electrical parameters		
Rated current / conductor cross section	[A] / [mm ²]	12 / 1.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	160 160 320
Rated surge voltage	[kV]	2.5 2.5 2.5
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	250 / 10 - 300 / 10
AWG		30-14 - 30-14
General data		
Type of insulation material / insulation material group		PA / I
Inflammability class in acc. with UL 94		V0

PCB terminal blocks

Conductor cross section up to 1.5 mm² (AWG 16)

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 3.5 mm

MKDSFW 1,5, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDSFW 1,5/ 2-3,5	1868128	50	8.3
3	MKDSFW 1,5/ 3-3,5	1868131	50	11.8
4	MKDSFW 1,5/ 4-3,5	1868144	50	15.3
5	MKDSFW 1,5/ 5-3,5	1868157	50	18.8
6	MKDSFW 1,5/ 6-3,5	1868160	50	22.3
7	MKDSFW 1,5/ 7-3,5	1868173	50	25.8
8	MKDSFW 1,5/ 8-3,5	1868186	50	29.3
9	MKDSFW 1,5/ 9-3,5	1868199	50	32.8
10	MKDSFW 1,5/10-3,5	1868209	50	36.3
11	MKDSFW 1,5/11-3,5	1868212	50	39.8
12	MKDSFW 1,5/12-3,5	1868225	50	43.3

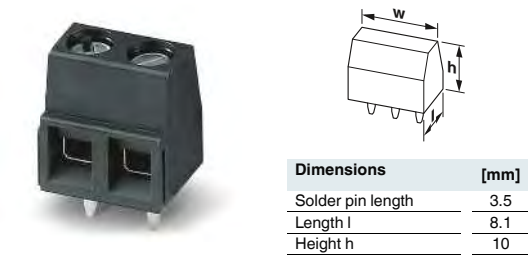


Technical data

Connection capacity			
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5	
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5	
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5	
2 conductors with same cross section solid / stranded	[mm ²]	0.14 - 0.75 / 0.14 - 0.75	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.5	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1	
Conductor cross section AWG/kcmil		26 - 16	
Stripping length	[mm]	6	
Tightening torque	[Nm]	0.22 - 0.25 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	12 / 1.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	160	160 320
Rated surge voltage	[kV]	2.5	2.5 2.5
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		30-14	- 30-14
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5 mm

MKDSN 1,5/...-HT, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDSN 1,5/ 2 HT BK	1985849	50	10
3	MKDSN 1,5/ 3 HT BK	1985852	50	15
4	MKDSN 1,5/ 4 HT BK	1731455	50	20
5	MKDSN 1,5/ 5 HT BK	1704973	50	25
8	MKDSN 1,5/ 8 HT BK	1753611	50	40

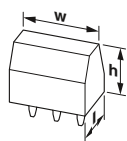


Technical data

Connection capacity				
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.14 - 0.75 / 0.14 - 0.75		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.5		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 0.75		
Conductor cross section AWG/kcmil		26 - 16		
Stripping length	[mm]	6		
Tightening torque	[Nm]	0.5 - 0.6 Nm		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	13.5 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	200	320	320
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		30-14	-	30-14
General data				
Type of insulation material / insulation material group		PA / IIIa		
Inflammability class in acc. with UL 94		V0		

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5.08 mm

MKDSN 1,5/...-HT, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	8.1
Height h	10



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDSN 1,5/ 2-5,08 HT BK	1985865	50	10.16
3	MKDSN 1,5/ 3-5,08 HT BK	1985878	50	15.24

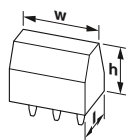


Technical data

Connection capacity				
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.14 - 0.75 / 0.14 - 0.75		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.5		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 0.75		
Conductor cross section AWG/kcmil		26 - 16		
Stripping length	[mm]	6		
Tightening torque	[Nm]	0.5 - 0.6 Nm		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	13.5 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	200	320	320
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		30-14	-	30-14
General data				
Type of insulation material / insulation material group		PA / IIIa		
Inflammability class in acc. with UL 94		V0		

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5 mm

MKDS 1,5/...-HT, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	9.8
Height h	13.8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDS 1,5/ 2 HT BK	1985881	50	10
3	MKDS 1,5/ 3 HT BK	1985894	50	15



Technical data

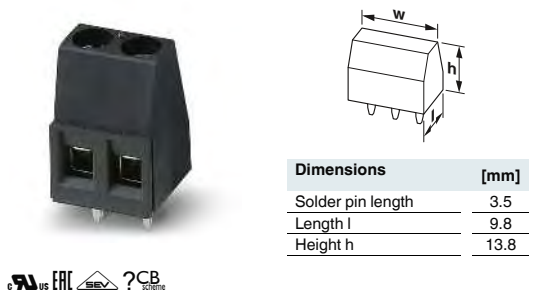
Connection capacity			
Solid / stranded	[mm ²]	0.14 - 2.5 / 0.14 - 1.5	
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5	
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5	
2 conductors with same cross section solid / stranded	[mm ²]	0.14 - 1 / 0.14 - 0.75	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.5	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1	
Conductor cross section AWG/kcmil		26 - 14	
Stripping length	[mm]	7	
Tightening torque	[Nm]	0.5 - 0.6 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	17.5 / 2.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	200	320 320
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 15	- 300 / 10
AWG		30-14	- 30-14
General data			
Type of insulation material / insulation material group		PA / IIIa	
Inflammability class in acc. with UL 94		V0	

PCB terminal blocks

Conductor cross section up to 1.5 mm² (AWG 16)

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5.08 mm

MKDS 1,5/...-HT, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDS 1,5/ 2-5,08 HT BK	1985904	50	10.16
3	MKDS 1,5/ 3-5,08 HT BK	1985917	50	15.24

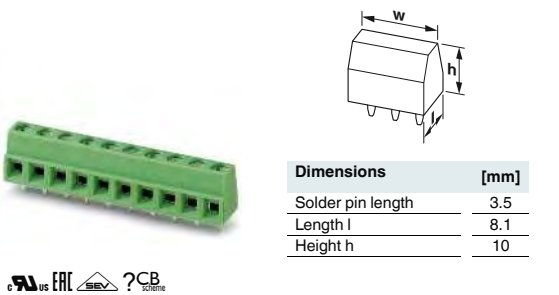


Technical data

Connection capacity				
Solid / stranded	[mm ²]	0.14 - 2.5 / 0.14 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.14 - 1 / 0.14 - 0.75		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.5		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1		
Conductor cross section AWG/kcmil		26 - 14		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6 Nm		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	17.5 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	200	320	320
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		30-14	-	30-14
General data				
Type of insulation material / insulation material group		PA / IIIa		
Inflammability class in acc. with UL 94		V0		

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5 mm

MKDSN 1,5, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDSN 1,5/ 2	1729018	250	10
3	MKDSN 1,5/ 3	1729021	250	15
4	MKDSN 1,5/ 4	1729034	250	20
5	MKDSN 1,5/ 5	1729047	250	25
6	MKDSN 1,5/ 6	1729050	100	30
7	MKDSN 1,5/ 7	1729063	100	35
8	MKDSN 1,5/ 8	1729076	100	40
9	MKDSN 1,5/ 9	1729089	100	45
10	MKDSN 1,5/ 10	1729092	100	50
11	MKDSN 1,5/ 11	1729102	50	55
12	MKDSN 1,5/ 12	1729115	50	60
16	MKDSN 1,5/ 16	1729267	50	80
17	MKDSN 1,5/ 17	1701013	50	85

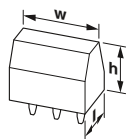


Technical data

Connection capacity				
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.14 - 0.75 / 0.14 - 0.75		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.5		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 0.75		
Conductor cross section AWG/kcmil		26 - 16		
Stripping length	[mm]	6		
Tightening torque	[Nm]	0.5 - 0.6 Nm		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	13.5 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	400	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		30-14	-	30-14
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5.08 mm

MKDSN 1,5, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	8.1
Height h	10



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDSN 1,5/ 2-5,08	1729128	250	10.16
3	MKDSN 1,5/ 3-5,08	1729131	250	15.24
4	MKDSN 1,5/ 4-5,08	1729144	250	20.32
5	MKDSN 1,5/ 5-5,08	1729157	250	25.4
6	MKDSN 1,5/ 6-5,08	1729160	100	30.48
7	MKDSN 1,5/ 7-5,08	1729173	100	35.56
8	MKDSN 1,5/ 8-5,08	1729186	100	40.64
9	MKDSN 1,5/ 9-5,08	1729199	100	45.72
10	MKDSN 1,5/10-5,08	1729209	100	50.8
11	MKDSN 1,5/11-5,08	1729212	50	55.88
12	MKDSN 1,5/12-5,08	1729225	50	60.96
13	MKDSN 1,5/13-5,08	1871843	50	66.04
14	MKDSN 1,5/14-5,08	1729403	50	71.12
15	MKDSN 1,5/15-5,08	1706753	50	76.2
17	MKDSN 1,5/17-5,08	1706754	50	86.36

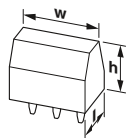


Technical data

Connection capacity		
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5
2 conductors with same cross section solid / stranded	[mm ²]	0.14 - 0.75 / 0.14 - 0.75
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.5
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 0.75
Conductor cross section AWG/kcmil		26 - 16
Stripping length	[mm]	6
Tightening torque	[Nm]	0.5 - 0.6 Nm
Electrical parameters		
Rated current / conductor cross section	[A] / [mm ²]	13.5 / 1.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	250 400 630
Rated surge voltage	[kV]	4 4 4
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 10 - 300 / 10
AWG		30-14 - 30-14
General data		
Type of insulation material / insulation material group		PA / I
Inflammability class in acc. with UL 94		V0

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5 mm

SMKDSN 1,5, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	12
Height h	11



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SMKDSN 1,5/ 2	1869062	250	11
3	SMKDSN 1,5/ 3	1869075	250	16
4	SMKDSN 1,5/ 4	1869088	250	21
5	SMKDSN 1,5/ 5	1869091	100	26
6	SMKDSN 1,5/ 6	1869101	100	31
7	SMKDSN 1,5/ 7	1869114	100	36
8	SMKDSN 1,5/ 8	1869127	100	41
9	SMKDSN 1,5/ 9	1869130	100	46
10	SMKDSN 1,5/10	1869143	100	51
11	SMKDSN 1,5/11	1869156	50	56
12	SMKDSN 1,5/12	1869169	50	61
13	SMKDSN 1,5/13	1869172	50	66
14	SMKDSN 1,5/14	1869185	50	71
15	SMKDSN 1,5/15	1869198	50	76
16	SMKDSN 1,5/16	1869208	50	81



Technical data

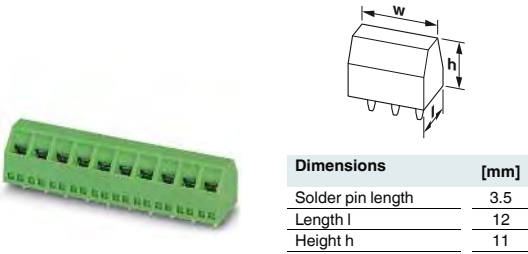
Connection capacity		
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5
2 conductors with same cross section solid / stranded	[mm ²]	0.14 - 0.75 / 0.14 - 0.75
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.5
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1
Conductor cross section AWG/kcmil		26 - 16
Stripping length	[mm]	6
Tightening torque	[Nm]	0.5 - 0.6 Nm
Electrical parameters		
Rated current / conductor cross section	[A] / [mm ²]	13.5 / 1.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	250 400 630
Rated surge voltage	[kV]	4 4 4
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 10 - 300 / 10
AWG		30-14 - 30-14
Approval data (CSA)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	150 / 10 - 300 / 10
AWG		28-14 - 28-14
General data		
Type of insulation material / insulation material group		PA / I
Inflammability class in acc. with UL 94		V0

PCB terminal blocks

Conductor cross section up to 1.5 mm² (AWG 16)

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5.08 mm

SMKDSN 1,5, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	12
Height h	11



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SMKDSN 1,5/ 2-5,08	1869211	250	11.16
3	SMKDSN 1,5/ 3-5,08	1869224	250	16.24
4	SMKDSN 1,5/ 4-5,08	1869237	250	21.32
5	SMKDSN 1,5/ 5-5,08	1717554	50	26.4
6	SMKDSN 1,5/ 6-5,08	1869253	100	31.48
7	SMKDSN 1,5/ 7-5,08	1869266	100	36.56
8	SMKDSN 1,5/ 8-5,08	1869279	100	41.64
9	SMKDSN 1,5/ 9-5,08	1717583	50	46.72
10	SMKDSN 1,5/10-5,08	1717596	50	51.8
11	SMKDSN 1,5/11-5,08	1717606	50	56.88
12	SMKDSN 1,5/12-5,08	1717619	50	61.96
13	SMKDSN 1,5/13-5,08	1717622	50	67.04
14	SMKDSN 1,5/14-5,08	1717635	50	72.12
15	SMKDSN 1,5/15-5,08	1717648	50	77.2
16	SMKDSN 1,5/16-5,08	1717651	50	82.28

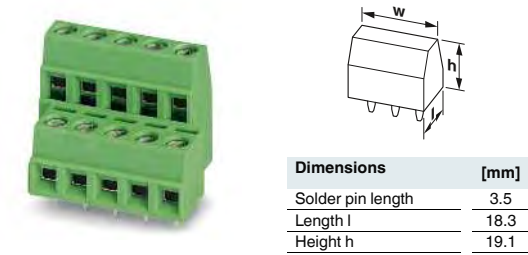


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.14 - 1.5 / 0.14 - 1.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 1.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 1.5	
2 conductors with same cross section solid / stranded	[mm²]	0.14 - 0.75 / 0.14 - 0.75	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 0.5	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1	
Conductor cross section AWG/kcmil		26 - 16	
Stripping length	[mm]	6	
Tightening torque	[Nm]	0.5 - 0.6 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	13.5 / 1.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	250	400 630
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		30-14	- 30-14
Approval data (CSA)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	150 / 10	- 300 / 10
AWG		28-14	- 28-14
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5 mm

MKKDSN 1,5, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	18.3
Height h	19.1



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKKDSN 1,5/ 2	1726037	250	12.5
3	MKKDSN 1,5/ 3	1726053	250	17.5

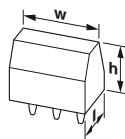


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.14 - 1.5 / 0.14 - 1.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 1	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 1	
2 conductors with same cross section solid / stranded	[mm²]	0.14 - 0.75 / 0.14 - 0.75	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 0.5	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 0.5	
Conductor cross section AWG/kcmil		26 - 16	
Stripping length	[mm]	6	
Tightening torque	[Nm]	0.5 - 0.6 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	13.5 / 1.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	250	400 630
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		30-14	- 30-14
Approval data (CSA)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	150 / 10	- 300 / 10
AWG		28-14	- 28-14
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5.08 mm

MKKDSN 1,5, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	18.3
Height h	19.1



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKKDSN 1,5/ 2-5,08	1726040	250	12.7
3	MKKDSN 1,5/ 3-5,08	1726066	250	17.78

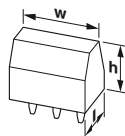


Technical data

Connection capacity				
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1		
2 conductors with same cross section solid / stranded	[mm ²]	0.14 - 0.75 / 0.14 - 0.75		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.5		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1		
Conductor cross section AWG/kcmil		26 - 16		
Stripping length	[mm]	6		
Tightening torque	[Nm]	0.5 - 0.6 Nm		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	13.5 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	400	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		30-14	-	30-14
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	150 / 10	-	300 / 10
AWG		28-14	-	28-14
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5.08 mm

MKKDSNH 1,5, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	8.6
Height h	19.1



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKKDSNH 1,5/ 2-5,08	1731828	50	10.16
3	MKKDSNH 1,5/ 3-5,08	1731831	50	15.24



Technical data

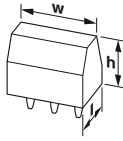
Connection capacity				
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.14 - 0.75 / 0.14 - 0.75		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.5		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1		
Conductor cross section AWG/kcmil		26 - 16		
Stripping length	[mm]	6		
Tightening torque	[Nm]	0.5 - 0.6 Nm		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	13.5 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	400	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		30-14	-	30-14
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB terminal blocks

Conductor cross section up to 1.5 mm² (AWG 16)

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5.08 mm

MK3DSN 1,5, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	28.1
Height h	28.2



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MK3DSN 1,5/ 2-5,08	1723289	100	12.7
3	MK3DSN 1,5/ 3-5,08	1723292	100	17.78

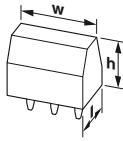


Technical data

Connection capacity				
Solid / stranded	[mm²]	0.14 - 1.5 / 0.14 - 1.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 1		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 1		
2 conductors with same cross section solid / stranded	[mm²]	0.14 - 0.75 / 0.14 - 0.75		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 0.5		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 0.5		
Conductor cross section AWG/kcmil		26 - 16		
Stripping length	[mm]	6		
Tightening torque	[Nm]	0.5 - 0.6 Nm		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	10 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	400	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		30-14	-	30-14
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	150 / 10	-	300 / 10
AWG		28-14	-	28-14
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5 mm

MKDS 1,5, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	9.8
Height h	13.8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDS 1,5/ 2	1715022	250	10
3	MKDS 1,5/ 3	1715035	250	15
4	MKDS 1,5/ 4	1715048	250	20
5	MKDS 1,5/ 5	1715187	250	25
6	MKDS 1,5/ 6	1715190	50	30
7	MKDS 1,5/ 7	1718948	50	35
8	MKDS 1,5/ 8	1715080	50	40
9	MKDS 1,5/ 9	1715718	50	45
10	MKDS 1,5/ 10	1715093	50	50
11	MKDS 1,5/ 11	1718951	50	55
12	MKDS 1,5/ 12	1715129	50	60
13	MKDS 1,5/ 13	1742046	50	65
14	MKDS 1,5/ 14	1870899	50	70
15	MKDS 1,5/ 15	1742059	50	75
16	MKDS 1,5/ 16	1715307	50	80
21	MKDS 1,5/ 21	1757743	50	105

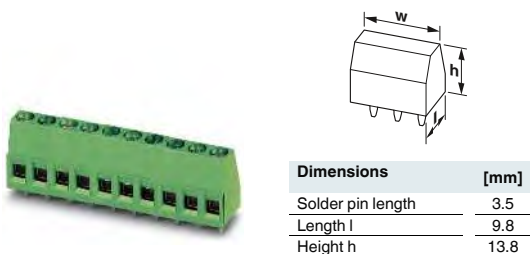


Technical data

Connection capacity				
Solid / stranded	[mm²]	0.14 - 2.5 / 0.14 - 1.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 1.5		
2 conductors with same cross section solid / stranded	[mm²]	0.14 - 1 / 0.14 - 0.75		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 0.5		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1		
Conductor cross section AWG/kcmil		26 - 14		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6 Nm		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	17.5 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	400	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		30-14	-	30-14
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		28-14	-	28-14
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5.08 mm

MKDS 1,5, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	9.8
Height h	13.8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDS 1,5/ 2-5,08	1715721	250	10.16
3	MKDS 1,5/ 3-5,08	1715734	250	15.24
4	MKDS 1,5/ 4-5,08	1715747	250	20.32
5	MKDS 1,5/ 5-5,08	1715750	250	25.4
6	MKDS 1,5/ 6-5,08	1710726	50	30.48
7	MKDS 1,5/ 7-5,08	1755897	50	35.56
8	MKDS 1,5/ 8-5,08	1715789	50	40.64
9	MKDS 1,5/ 9-5,08	1715815	50	45.72
10	MKDS 1,5/10-5,08	1715802	50	50.8
12	MKDS 1,5/12-5,08	1715828	50	60.96

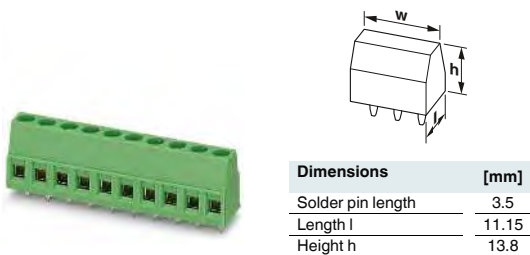


Technical data

Connection capacity		
Solid / stranded	[mm ²]	0.14 - 2.5 / 0.14 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5
2 conductors with same cross section solid / stranded	[mm ²]	0.14 - 1 / 0.14 - 0.75
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.5
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1
Conductor cross section AWG/kcmil		26 - 14
Stripping length	[mm]	7
Tightening torque	[Nm]	0.5 - 0.6 Nm
Electrical parameters		
Rated current / conductor cross section	[A] / [mm ²]	17.5 / 2.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	250 400 630
Rated surge voltage	[kV]	4 4 4
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 15 - 300 / 10
AWG		30-14 - 30-14
Approval data (CSA)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 10 - 300 / 10
AWG		28-14 - 28-14
General data		
Type of insulation material / insulation material group		PA / I
Inflammability class in acc. with UL 94		V0

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5 mm

MKDSP 1,5, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	11.15
Height h	13.8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDSP 1,5/ 2	1730010	50	10
3	MKDSP 1,5/ 3	1730023	50	15
4	MKDSP 1,5/ 4	1730036	50	20
5	MKDSP 1,5/ 5	1730049	50	25
6	MKDSP 1,5/ 6	1730052	50	30
7	MKDSP 1,5/ 7	1730065	50	35
8	MKDSP 1,5/ 8	1730078	50	45
9	MKDSP 1,5/ 9	1730081	50	45
10	MKDSP 1,5/10	1730094	50	50
11	MKDSP 1,5/11	1730104	50	55
12	MKDSP 1,5/12	1730117	50	60



Technical data

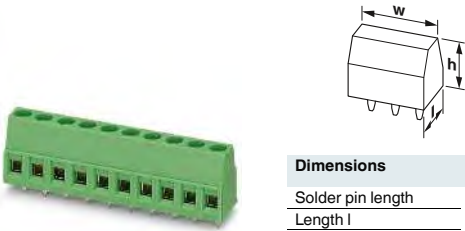
Connection capacity		
Solid / stranded	[mm ²]	0.14 - 2.5 / 0.14 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5
2 conductors with same cross section solid / stranded	[mm ²]	0.14 - 1 / 0.14 - 0.75
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.5
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1
Conductor cross section AWG/kcmil		26 - 14
Stripping length	[mm]	7
Tightening torque	[Nm]	0.5 - 0.6 Nm
Electrical parameters		
Rated current / conductor cross section	[A] / [mm ²]	17.5 / 2.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	250 400 630
Rated surge voltage	[kV]	4 4 4
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 10 - 300 / 10
AWG		30-14 - 30-14
Approval data (CSA)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 10 - 300 / 10
AWG		28-14 - 28-14
General data		
Type of insulation material / insulation material group		PA / I
Inflammability class in acc. with UL 94		V0

PCB terminal blocks

Conductor cross section up to 1.5 mm² (AWG 16)

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5.08 mm

MKDSP 1,5, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	11.15
Height h	13.8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDSP 1,5/ 2-5,08	1730120	50	10.16
3	MKDSP 1,5/ 3-5,08	1730133	50	15.24
4	MKDSP 1,5/ 4-5,08	1730146	50	20.32
5	MKDSP 1,5/ 5-5,08	1730159	50	25.4
6	MKDSP 1,5/ 6-5,08	1730162	50	30.48
7	MKDSP 1,5/ 7-5,08	1730175	50	35.56
8	MKDSP 1,5/ 8-5,08	1730188	50	40.64
9	MKDSP 1,5/ 9-5,08	1730191	50	45.72
10	MKDSP 1,5/10-5,08	1730201	50	50.8
11	MKDSP 1,5/11-5,08	1730214	50	55.88
12	MKDSP 1,5/12-5,08	1730227	50	60.96

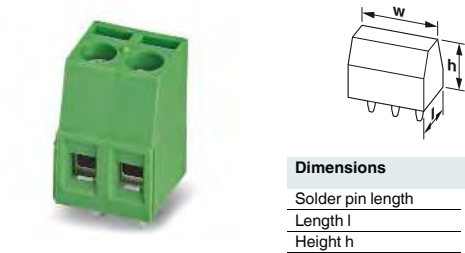


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.14 - 2.5 / 0.14 - 1.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 1.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 1.5	
2 conductors with same cross section solid / stranded	[mm²]	0.14 - 1 / 0.14 - 0.75	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 0.5	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1	
Conductor cross section AWG/kcmil		26 - 14	
Stripping length	[mm]	7	
Tightening torque	[Nm]	0.5 - 0.6 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	17.5 / 2.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	250	400 630
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		30-14	- 30-14
Approval data (CSA)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		28-14	- 28-14
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5.08 mm

MKDS 1,5/-B, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	11.6
Height h	13.8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDS 1,5/ 2-B-5,08	1868733	50	10.16
3	MKDS 1,5/ 3-B-5,08	1868746	50	15.24

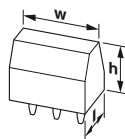


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.14 - 2.5 / 0.14 - 1.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 1.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 1.5	
2 conductors with same cross section solid / stranded	[mm²]	0.14 - 1 / 0.14 - 0.75	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 0.5	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1	
Conductor cross section AWG/kcmil		26 - 14	
Stripping length	[mm]	7	
Tightening torque	[Nm]	0.5 - 0.6 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	17.5 / 2.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	250	400 630
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		30-14	- 30-14
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5 mm

SMKDSP 1,5, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	13.4
Height h	15.3



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SMKDSP 1,5/ 2	1733415	250	10
3	SMKDSP 1,5/ 3	1733428	250	15
4	SMKDSP 1,5/ 4	1733431	250	20
5	SMKDSP 1,5/ 5	1733444	250	25
6	SMKDSP 1,5/ 6	1733457	50	30
7	SMKDSP 1,5/ 7	1733460	50	35
8	SMKDSP 1,5/ 8	1733473	50	40
9	SMKDSP 1,5/ 9	1733486	50	45
10	SMKDSP 1,5/ 10	1733499	50	50
11	SMKDSP 1,5/ 11	1733509	50	55
12	SMKDSP 1,5/ 12	1733512	50	60
14	SMKDSP 1,5/ 14	1757536	50	70
16	SMKDSP 1,5/ 16	1757549	50	80

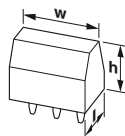


Technical data

Connection capacity		
Solid / stranded	[mm ²]	0.14 - 2.5 / 0.14 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5
2 conductors with same cross section solid / stranded	[mm ²]	0.14 - 1 / 0.14 - 0.75
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.5
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1
Conductor cross section AWG/kcmil		26 - 14
Stripping length	[mm]	7
Tightening torque	[Nm]	0.5 - 0.6 Nm
Electrical parameters		
Rated current / conductor cross section	[A] / [mm ²]	17.5 / 2.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	250 400 630
Rated surge voltage	[kV]	4 4 4
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	250 / 15 - 300 / 10
AWG		30-14 - 30-14
Approval data (CSA)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 10 - 300 / 10
AWG		28-14 - 28-14
General data		
Type of insulation material / insulation material group		PA / I
Inflammability class in acc. with UL 94		V0

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5.08 mm

SMKDSP 1,5, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	13.4
Height h	15.3



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SMKDSP 1,5/ 2-5,08	1733570	250	10.16
3	SMKDSP 1,5/ 3-5,08	1733583	250	15.24
4	SMKDSP 1,5/ 4-5,08	1733596	250	20.32
5	SMKDSP 1,5/ 5-5,08	1733606	250	25.4
6	SMKDSP 1,5/ 6-5,08	1733619	50	30.48
7	SMKDSP 1,5/ 7-5,08	1733622	50	35.56
8	SMKDSP 1,5/ 8-5,08	1733635	50	40.64
9	SMKDSP 1,5/ 9-5,08	1733648	50	45.72
10	SMKDSP 1,5/ 10-5,08	1733651	50	50.8
11	SMKDSP 1,5/ 11-5,08	1733664	50	55.88
12	SMKDSP 1,5/ 12-5,08	1733677	50	60.96
16	SMKDSP 1,5/ 16-5,08	1718168	50	81.28
24	SMKDSP 1,5/ 24-5,08	1991697	25	121.92



Technical data

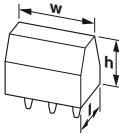
Connection capacity		
Solid / stranded	[mm ²]	0.14 - 2.5 / 0.14 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5
2 conductors with same cross section solid / stranded	[mm ²]	0.14 - 1 / 0.14 - 0.75
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.5
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1
Conductor cross section AWG/kcmil		26 - 14
Stripping length	[mm]	7
Tightening torque	[Nm]	0.5 - 0.6 Nm
Electrical parameters		
Rated current / conductor cross section	[A] / [mm ²]	17.5 / 2.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	250 400 630
Rated surge voltage	[kV]	4 4 4
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	250 / 15 - 300 / 10
AWG		30-14 - 30-14
Approval data (CSA)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 10 - 300 / 10
AWG		28-14 - 28-14
General data		
Type of insulation material / insulation material group		PA / I
Inflammability class in acc. with UL 94		V0

PCB terminal blocks

Conductor cross section up to 1.5 mm² (AWG 16)

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5 mm

MKDSFW 1,5, Linear pinning



Dimensions		[mm]
Solder pin length		5
Length l		15.5
Height h		11.2



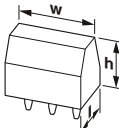
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDSFW 1,5/ 2	1717091	50	10
3	MKDSFW 1,5/ 3	1717088	50	15



Technical data			
Connection capacity			
Solid / stranded	[mm²]	0.14 - 2.5 / 0.14 - 1.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 1.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 1.5	
2 conductors with same cross section solid / stranded	[mm²]	0.14 - 1 / 0.14 - 0.75	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 0.5	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1	
Conductor cross section AWG/kcmil		26 - 14	
Stripping length	[mm]	8	
Tightening torque	[Nm]	0.5 - 0.6 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	17.5 / 2.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	250	400 630
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		30-14	- 30-14
Approval data (CSA)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		24-14	- 24-14
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5 mm

MKKDS 1,5, Linear pinning



Dimensions		[mm]
Solder pin length		3.5
Length l		21.4
Height h		25.2



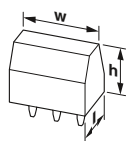
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKKDS 1,5/ 2	1725012	100	12.5
3	MKKDS 1,5/ 3	1725025	100	17.5



Technical data			
Connection capacity			
Solid / stranded	[mm²]	0.14 - 2.5 / 0.14 - 1.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 1	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 1.5	
2 conductors with same cross section solid / stranded	[mm²]	0.14 - 1 / 0.14 - 0.75	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 0.5	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 0.5	
Conductor cross section AWG/kcmil		26 - 14	
Stripping length	[mm]	7	
Tightening torque	[Nm]	0.5 - 0.6 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	17.5 / 2.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	250	400 630
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	125 / 10	- 300 / 10
AWG		30-14	- 30-14
Approval data (CSA)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		28-14	- 28-14
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5.08 mm

MKKDS 1,5, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	21.4
Height h	25.2



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKKDS 1,5/ 2-5,08	1725038	100	12.7
3	MKKDS 1,5/ 3-5,08	1725041	100	17.78

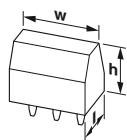


Technical data

Connection capacity				
Solid / stranded	[mm ²]	0.14 - 2.5 / 0.14 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.14 - 1 / 0.14 - 0.75		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.5		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 0.5		
Conductor cross section AWG/kcmil		26 - 14		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6 Nm		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	17.5 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	400	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	125 / 10	-	300 / 10
AWG		30-14	-	30-14
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		28-14	-	28-14
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5.08 mm

MK3DS 1,5, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	32.25
Height h	36.6



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MK3DS 1,5/ 2-5,08	1724013	100	12.7
3	MK3DS 1,5/ 3-5,08	1724026	100	17.78



Technical data

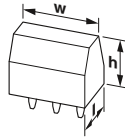
Connection capacity				
Solid / stranded	[mm ²]	0.14 - 2.5 / 0.14 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.14 - 1 / 0.14 - 0.75		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.5		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 0.5		
Conductor cross section AWG/kcmil		26 - 14		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6 Nm		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	15 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	400	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	125 / 10	-	300 / 10
AWG		30-14	-	30-14
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		24-14	-	24-14
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB terminal blocks

Conductor cross section up to 1.5 mm² (AWG 16)

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5.08 mm

MK4DS 1,5, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	42.9
Height h	48



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MK4DS 1,5/ 2-5,08	1868827	50	12.65
3	MK4DS 1,5/ 3-5,08	1868830	50	17.73

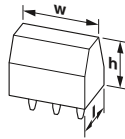


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.14 - 2.5 / 0.14 - 1.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 1.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 1.5	
2 conductors with same cross section solid / stranded	[mm²]	0.14 - 1 / 0.14 - 0.75	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 0.5	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 0.5	
Conductor cross section AWG/kcmil		26 - 14	
Stripping length	[mm]	7	
Tightening torque	[Nm]	0.5 - 0.6 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	15 / 2.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	250	400 630
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	125 / 10	- 300 / 10
AWG		30-14	- 30-14
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 7.62 mm

GMKDSN 1,5, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	8.1
Height h	10



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GMKDSN 1,5/ 2-7,62	1707027	50	15.24
3	GMKDSN 1,5/ 3-7,62	1707030	50	22.86

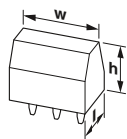


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.14 - 1.5 / 0.14 - 1.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 1.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 1.5	
2 conductors with same cross section solid / stranded	[mm²]	0.14 - 0.75 / 0.14 - 0.75	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 0.5	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1	
Conductor cross section AWG/kcmil		26 - 16	
Stripping length	[mm]	6	
Tightening torque	[Nm]	0.5 - 0.6 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	16 / 1.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	400	630 1000
Rated surge voltage	[kV]	6	6 6
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		30-14	- 30-14
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 7.62 mm

GSMKDSN 1,5, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	12
Height h	11



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GSMKDSN 1,5/ 2-7,62	1718605	50	15.24
3	GSMKDSN 1,5/ 3-7,62	1718618	50	22.86
4	GSMKDSN 1,5/ 4-7,62	1718621	50	30.48
5	GSMKDSN 1,5/ 5-7,62	1718634	50	38.1
6	GSMKDSN 1,5/ 6-7,62	1718647	50	45.72
7	GSMKDSN 1,5/ 7-7,62	1718650	50	53.34
8	GSMKDSN 1,5/ 8-7,62	1718663	50	60.96
9	GSMKDSN 1,5/ 9-7,62	1718676	50	68.58
10	GSMKDSN 1,5/10-7,62	1718689	50	76.2

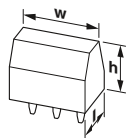


Technical data

Connection capacity		
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5
2 conductors with same cross section solid / stranded	[mm ²]	0.14 - 0.75 / 0.14 - 0.75
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.5
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1
Conductor cross section AWG/kcmil		26 - 16
Stripping length	[mm]	6
Tightening torque	[Nm]	0.5 - 0.6 Nm
Electrical parameters		
Rated current / conductor cross section	[A] / [mm ²]	16 / 1.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	500 630 1000
Rated surge voltage	[kV]	6 6 6
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 10 - 300 / 10
AWG		30-14 - 30-14
Approval data (CSA)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 10 - 300 / 10
AWG		28-14 - 28-14
General data		
Type of insulation material / insulation material group		PA / I
Inflammability class in acc. with UL 94		V0

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 7.5 mm

GMKDS 1,5, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	9.8
Height h	13.8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GMKDS 1,5/ 2	1717020	250	15
3	GMKDS 1,5/ 3	1717033	250	22.5



Technical data

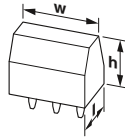
Connection capacity		
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1
2 conductors with same cross section solid / stranded	[mm ²]	0.14 - 1 / 0.14 - 0.75
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.5
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1
Conductor cross section AWG/kcmil		26 - 16
Stripping length	[mm]	6.5
Tightening torque	[Nm]	0.5 - 0.6 Nm
Electrical parameters		
Rated current / conductor cross section	[A] / [mm ²]	17.5 / 1.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	500 630 1000
Rated surge voltage	[kV]	6 6 6
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 10 - 300 / 10
AWG		30-14 - 30-14
Approval data (CSA)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 10 - 300 / 10
AWG		28-14 - 28-14
General data		
Type of insulation material / insulation material group		PA / I
Inflammability class in acc. with UL 94		V0

PCB terminal blocks

Conductor cross section up to 1.5 mm² (AWG 16)

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 7.62 mm

GMKDS 1,5, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	9.8
Height h	13.8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GMKDS 1,5/ 2-7,62	1717729	250	15.24
3	GMKDS 1,5/ 3-7,62	1717732	250	22.86

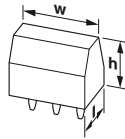


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.14 - 1.5 / 0.14 - 1.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 1	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 1	
2 conductors with same cross section solid / stranded	[mm²]	0.14 - 1 / 0.14 - 0.75	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 0.5	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1	
Conductor cross section AWG/kcmil		26 - 16	
Stripping length	[mm]	6.5	
Tightening torque	[Nm]	0.5 - 0.6 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	17.5 / 1.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	500	630 1000
Rated surge voltage	[kV]	6	6 6
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		30-14	- 30-14
Approval data (CSA)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		28-14	- 28-14
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 7.5 mm

GSMKDSP 1,5, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	13.4
Height h	16



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GSMKDSP 1,5/ 2	1718029	250	15
3	GSMKDSP 1,5/ 3	1718032	250	22.5

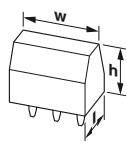


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.14 - 2.5 / 0.14 - 1.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 1.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 1.5	
2 conductors with same cross section solid / stranded	[mm²]	0.14 - 1 / 0.14 - 0.75	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 0.5	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1	
Conductor cross section AWG/kcmil		26 - 14	
Stripping length	[mm]	7	
Tightening torque	[Nm]	0.5 - 0.6 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	17.5 / 2.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	500	630 1000
Rated surge voltage	[kV]	6	6 6
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		30-14	- 30-14
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 7.62 mm

GSMKDSP 1,5, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	13.4
Height h	16



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GSMKDSP 1,5/ 2-7,62	1718728	250	15.24
3	GSMKDSP 1,5/ 3-7,62	1718731	250	22.86

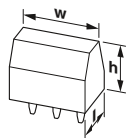


Technical data

Connection capacity				
Solid / stranded	[mm ²]	0.14 - 2.5 / 0.14 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.14 - 1 / 0.14 - 0.75		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.5		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1		
Conductor cross section AWG/kcmil		26 - 14		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6 Nm		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	17.5 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	500	630	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		30-14	-	30-14
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Printed circuit board terminal, Push-in spring connection, Pitch: 3.5 mm

PTSA 1,5, Linear front pinning



Dimensions	[mm]
Solder pin length	3.6
Length l	12
Height h	13.1



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PTSA 1,5/ 2-3,5-F	1984963	420	8.5
3	PTSA 1,5/ 3-3,5-F	1984976	300	12
4	PTSA 1,5/ 4-3,5-F	1984989	220	15.5
5	PTSA 1,5/ 5-3,5-F	1984992	180	19
6	PTSA 1,5/ 6-3,5-F	1985001	160	22.5
7	PTSA 1,5/ 7-3,5-F	1985014	140	26
8	PTSA 1,5/ 8-3,5-F	1985027	120	29.5
9	PTSA 1,5/ 9-3,5-F	1985030	100	33
10	PTSA 1,5/ 10-3,5-F	1985043	100	36.5
11	PTSA 1,5/ 11-3,5-F	1985056	80	40
12	PTSA 1,5/ 12-3,5-F	1985069	80	43.5
13	PTSA 1,5/ 13-3,5-F	1985072	60	47
14	PTSA 1,5/ 14-3,5-F	1985085	60	50.5
15	PTSA 1,5/ 15-3,5-F	1985098	60	54
16	PTSA 1,5/ 16-3,5-F	1985108	60	57.5



Technical data

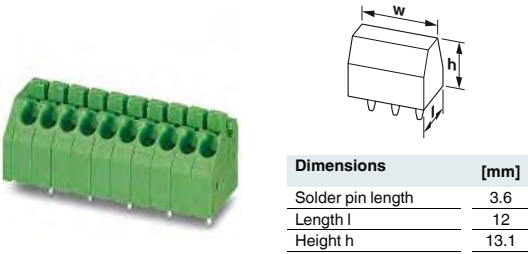
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.5		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		24 - 16		
Stripping length	[mm]	9		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	200	250	400
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 5	-	300 / 5
AWG		24-16	-	24-16
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB terminal blocks

Conductor cross section up to 1.5 mm² (AWG 16)

Printed circuit board terminal, Push-in spring connection, Pitch: 3.5 mm

PTSA 1,5, Zigzag pinning M



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PTSA 1,5/ 2-3,5-Z	1985195	420	8.5
3	PTSA 1,5/ 3-3,5-Z	1985205	300	12
4	PTSA 1,5/ 4-3,5-Z	1985218	220	15.5
5	PTSA 1,5/ 5-3,5-Z	1985221	180	19
6	PTSA 1,5/ 6-3,5-Z	1985234	160	22.5
7	PTSA 1,5/ 7-3,5-Z	1985247	140	26
8	PTSA 1,5/ 8-3,5-Z	1985250	120	29.5
9	PTSA 1,5/ 9-3,5-Z	1985263	100	33
10	PTSA 1,5/10-3,5-Z	1985276	100	36.5
11	PTSA 1,5/11-3,5-Z	1985289	80	40
12	PTSA 1,5/12-3,5-Z	1985292	80	43.5
13	PTSA 1,5/13-3,5-Z	1985302	60	47
14	PTSA 1,5/14-3,5-Z	1985315	60	50.5
15	PTSA 1,5/15-3,5-Z	1985328	60	54
16	PTSA 1,5/16-3,5-Z	1985331	60	57.5

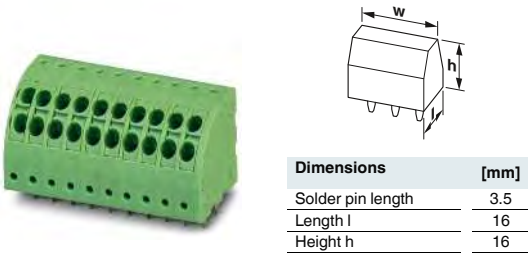


Technical data

Connection capacity		
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.5
2 conductors with same cross section solid / stranded	[mm ²]	- / -
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-
Conductor cross section AWG/kcmil		24 - 16
Stripping length	[mm]	9
Tightening torque	[Nm]	-
Electrical parameters		
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	250 400 630
Rated surge voltage	[kV]	4 4 4
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 5 - 300 / 5
AWG		24-16 - 24-16
General data		
Type of insulation material / insulation material group		PA / I
Inflammability class in acc. with UL 94		V0

Printed circuit board terminal, Push-in spring connection, Pitch: 3.5 mm

PTDA 1,5/, Linear double pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PTDA 1,5/ 2-3,5	1724912	50	8.4
3	PTDA 1,5/ 3-3,5	1724925	50	11.9
4	PTDA 1,5/ 4-3,5	1724938	50	15.4
5	PTDA 1,5/ 5-3,5	1724951	50	18.9
6	PTDA 1,5/ 6-3,5	1724964	50	22.4
7	PTDA 1,5/ 7-3,5	1724977	50	25.9
8	PTDA 1,5/ 8-3,5	1724996	50	29.4
9	PTDA 1,5/ 9-3,5	1725003	50	32.9
10	PTDA 1,5/10-3,5	1725016	50	36.4
11	PTDA 1,5/11-3,5	1725029	50	39.9
12	PTDA 1,5/12-3,5	1725042	50	43.4
13	PTDA 1,5/13-3,5	1725055	50	46.9
14	PTDA 1,5/14-3,5	1725068	50	50.4
15	PTDA 1,5/15-3,5	1725081	50	53.9
16	PTDA 1,5/16-3,5	1725094	50	57.4

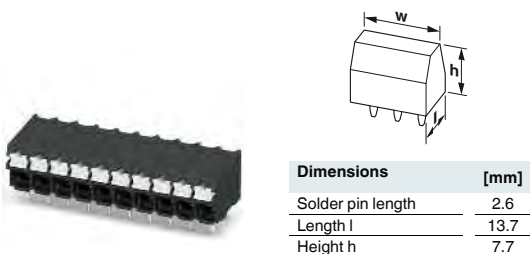


Technical data

Connection capacity		
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.5 - 1.5
Stranded with ferrules with plastic sleeve	[mm ²]	0.5 - 0.5
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.5 - 1.5
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 0.5
Conductor cross section AWG/kcmil		24 - 16
Stripping length	[mm]	10
Tightening torque	[Nm]	-
Electrical parameters		
Rated current / conductor cross section	[A] / [mm ²]	13.5 / 1.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	200 240 400
Rated surge voltage	[kV]	2.5 2.5 2.5
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 12 150 / 12 300 / 10
AWG		24-16 24-16 24-16
General data		
Type of insulation material / insulation material group		PA / I
Inflammability class in acc. with UL 94		V0

Printed circuit board terminal, Push-in spring connection, Pitch: 3.5 mm

SPT 1,5/...-H-THR, Linear double pinning



Dimensions	[mm]
Solder pin length	2.6
Length l	13.7
Height h	7.7



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPT-THR 1,5/ 2-H-3,5 P26	1822752	350	7.5
3	SPT-THR 1,5/ 3-H-3,5 P26	1822765	240	11
4	SPT-THR 1,5/ 4-H-3,5 P26	1822778	170	14.5
5	SPT-THR 1,5/ 5-H-3,5 P26	1822781	150	18
6	SPT-THR 1,5/ 6-H-3,5 P26	1822794	110	21.5
7	SPT-THR 1,5/ 7-H-3,5 P26	1822804	110	25
8	SPT-THR 1,5/ 8-H-3,5 P26	1822817	80	28.5
9	SPT-THR 1,5/ 9-H-3,5 P26	1822820	60	32
10	SPT-THR 1,5/10-H-3,5 P26	1822833	60	35.5
11	SPT-THR 1,5/11-H-3,5 P26	1822846	60	39
12	SPT-THR 1,5/12-H-3,5 P26	1822859	60	42.5

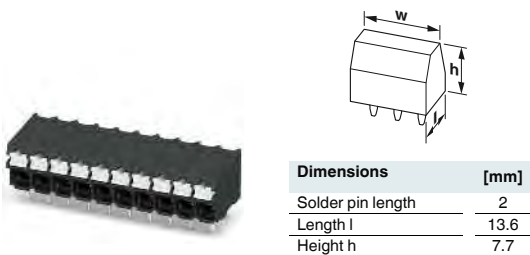


Technical data

Connection capacity		
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.2 - 1.5
Stranded with ferrules with plastic sleeve	[mm ²]	0.2 - 0.75
2 conductors with same cross section solid / stranded	[mm ²]	- / -
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-
Conductor cross section AWG/kcmil		24 - 16
Stripping length	[mm]	8
Tightening torque	[Nm]	-
Electrical parameters		
Rated current / conductor cross section	[A] / [mm ²]	13.5 / 1.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	160 160 320
Rated surge voltage	[kV]	2.5 2.5 2.5
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 10 - 300 / 10
AWG		24-16 - 24-16
General data		
Type of insulation material / insulation material group		LCP / IIIa
Inflammability class in acc. with UL 94		V0

Printed circuit board terminal, Push-in spring connection, Pitch: 3.5 mm

SPT 1,5/...-H-THR, Linear double pinning

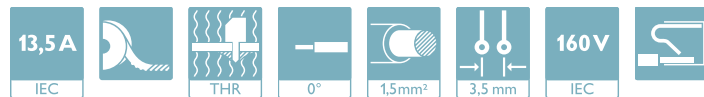


Dimensions	[mm]
Solder pin length	2
Length l	13.6
Height h	7.7



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPT-THR 1,5/ 2-H-3,5 P20 R24	1823638	250	7.5
3	SPT-THR 1,5/ 3-H-3,5 P20 R32	1823641	250	11
4	SPT-THR 1,5/ 4-H-3,5 P20 R32	1823654	250	14.5
5	SPT-THR 1,5/ 5-H-3,5 P20 R32	1823667	250	19
6	SPT-THR 1,5/ 6-H-3,5 P20 R44	1823670	250	21.5
7	SPT-THR 1,5/ 7-H-3,5 P20 R44	1823683	250	25
8	SPT-THR 1,5/ 8-H-3,5 P20 R44	1823696	250	28.5
9	SPT-THR 1,5/ 9-H-3,5 P20 R72	1823706	250	32
10	SPT-THR 1,5/10-H-3,5 P20 R72	1823719	250	35.5
11	SPT-THR 1,5/11-H-3,5 P20 R72	1823722	250	39
12	SPT-THR 1,5/12-H-3,5 P20 R72	1823735	250	42.5



Technical data

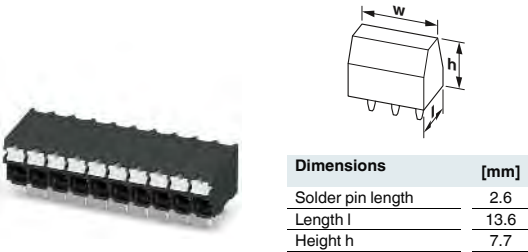
Connection capacity		
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.2 - 1.5
Stranded with ferrules with plastic sleeve	[mm ²]	0.2 - 0.75
2 conductors with same cross section solid / stranded	[mm ²]	- / -
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-
Conductor cross section AWG/kcmil		24 - 16
Stripping length	[mm]	8
Tightening torque	[Nm]	-
Electrical parameters		
Rated current / conductor cross section	[A] / [mm ²]	13.5 / 1.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	160 160 320
Rated surge voltage	[kV]	2.5 2.5 2.5
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 10 - 300 / 10
AWG		24-16 - 24-16
General data		
Type of insulation material / insulation material group		LCP / IIIa
Inflammability class in acc. with UL 94		V0

PCB terminal blocks

Conductor cross section up to 1.5 mm² (AWG 16)

Printed circuit board terminal, Push-in spring connection, Pitch: 3.81 mm

SPT 1,5/...-H-THR, Linear double pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPT-THR 1,5/ 2-H-3,81 P26	1822862	350	7.81
3	SPT-THR 1,5/ 3-H-3,81 P26	1822875	220	11.62
4	SPT-THR 1,5/ 4-H-3,81 P26	1822888	170	15.43
5	SPT-THR 1,5/ 5-H-3,81 P26	1822891	130	19.24
6	SPT-THR 1,5/ 6-H-3,81 P26	1822901	110	23.05
7	SPT-THR 1,5/ 7-H-3,81 P26	1822914	80	24.86
8	SPT-THR 1,5/ 8-H-3,81 P26	1822927	80	30.67
9	SPT-THR 1,5/ 9-H-3,81 P26	1822930	60	34.48
10	SPT-THR 1,5/10-H-3,81 P26	1822943	60	38.29
11	SPT-THR 1,5/11-H-3,81 P26	1822956	60	42.1
12	SPT-THR 1,5/12-H-3,81 P26	1822969	40	45.91

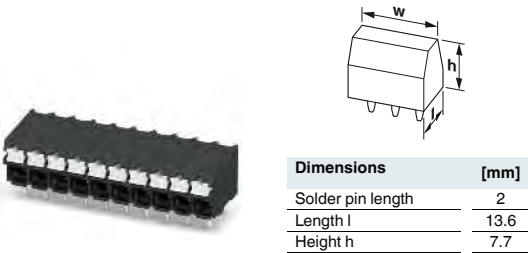


Technical data

Connection capacity		
Solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5
Stranded with ferrules without plastic sleeve	[mm²]	0.2 - 1.5
Stranded with ferrules with plastic sleeve	[mm²]	0.2 - 0.75
2 conductors with same cross section solid / stranded	[mm²]	- / -
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-
Conductor cross section AWG/kcmil		24 - 16
Stripping length	[mm]	8
Tightening torque	[Nm]	-
Electrical parameters		
Rated current / conductor cross section	[A] / [mm²]	13.5 / 1.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	160 160 320
Rated surge voltage	[kV]	2.5 2.5 2.5
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 10 - 300 / 10
AWG		24-16 - 24-16
General data		
Type of insulation material / insulation material group		LCP / IIIa
Inflammability class in acc. with UL 94		V0

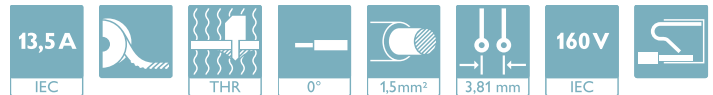
Printed circuit board terminal, Push-in spring connection, Pitch: 3.81 mm

SPT 1,5/...-H-THR, Linear double pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPT-THR 1,5/ 2-H-3,81 P20 R24	1823748	250	7.81
3	SPT-THR 1,5/ 3-H-3,81 P20 R32	1823751	250	11.62
4	SPT-THR 1,5/ 4-H-3,81 P20 R32	1823764	250	15.43
5	SPT-THR 1,5/ 5-H-3,81 P20 R32	1823777	250	19.24
6	SPT-THR 1,5/ 6-H-3,81 P20 R44	1823780	250	23.05
7	SPT-THR 1,5/ 7-H-3,81 P20 R44	1823793	250	26.86
8	SPT-THR 1,5/ 8-H-3,81 P20 R44	1823803	250	30.67
9	SPT-THR 1,5/ 9-H-3,81 P20 R72	1823816	250	34.48
10	SPT-THR 1,5/10-H-3,81 P20 R72	1823829	250	38.29
11	SPT-THR 1,5/11-H-3,81 P20 R72	1823832	250	42.1
12	SPT-THR 1,5/12-H-3,81 P20 R72	1823845	250	45.91

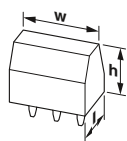


Technical data

Connection capacity		
Solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5
Stranded with ferrules without plastic sleeve	[mm²]	0.2 - 1.5
Stranded with ferrules with plastic sleeve	[mm²]	0.2 - 0.75
2 conductors with same cross section solid / stranded	[mm²]	- / -
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-
Conductor cross section AWG/kcmil		24 - 16
Stripping length	[mm]	8
Tightening torque	[Nm]	-
Electrical parameters		
Rated current / conductor cross section	[A] / [mm²]	13.5 / 1.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	160 160 320
Rated surge voltage	[kV]	2.5 2.5 2.5
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 10 - 300 / 10
AWG		24-16 - 24-16
General data		
Type of insulation material / insulation material group		LCP / IIIa
Inflammability class in acc. with UL 94		V0

Printed circuit board terminal, Push-in spring connection, Pitch: 3.5 mm

SPT 1,5/...-V-THR, Linear double pinning



Dimensions	[mm]
Solder pin length	2.6
Length l	7.7
Height h	13.6



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPT-THR 1,5/ 2-V-3,5 P26	1822312	540	7.5
3	SPT-THR 1,5/ 3-V-3,5 P26	1822325	350	11
4	SPT-THR 1,5/ 4-V-3,5 P26	1822338	250	14.5
5	SPT-THR 1,5/ 5-V-3,5 P26	1822341	220	18
6	SPT-THR 1,5/ 6-V-3,5 P26	1822354	160	21.5
7	SPT-THR 1,5/ 7-V-3,5 P26	1822367	160	25
8	SPT-THR 1,5/ 8-V-3,5 P26	1822370	120	28.5
9	SPT-THR 1,5/ 9-V-3,5 P26	1822383	120	32
10	SPT-THR 1,5/10-V-3,5 P26	1822396	90	35.5
11	SPT-THR 1,5/11-V-3,5 P26	1822406	90	39
12	SPT-THR 1,5/12-V-3,5 P26	1822419	90	42.5

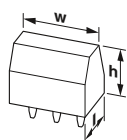


Technical data

Connection capacity		
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.2 - 1.5
Stranded with ferrules with plastic sleeve	[mm ²]	0.2 - 0.75
2 conductors with same cross section solid / stranded	[mm ²]	- / -
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-
Conductor cross section AWG/kcmil		24 - 16
Stripping length	[mm]	8
Tightening torque	[Nm]	-
Electrical parameters		
Rated current / conductor cross section	[A] / [mm ²]	13.5 / 1.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	160 160 320
Rated surge voltage	[kV]	2.5 2.5 2.5
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 10 - 300 / 10
AWG		24-16 - 24-16
General data		
Type of insulation material / insulation material group		LCP / IIIa
Inflammability class in acc. with UL 94		V0

Printed circuit board terminal, Push-in spring connection, Pitch: 3.5 mm

SPT 1,5/...-V-THR, Linear double pinning



Dimensions	[mm]
Solder pin length	2
Length l	7.7
Height h	13.6



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPT-THR 1,5/ 2-V-3,5 P20 R24	1823191	200	7.5
3	SPT-THR 1,5/ 3-V-3,5 P20 R24	1823201	200	11
4	SPT-THR 1,5/ 4-V-3,5 P20 R44	1823214	200	14.5
5	SPT-THR 1,5/ 5-V-3,5 P20 R44	1823227	200	18
6	SPT-THR 1,5/ 6-V-3,5 P20 R44	1823230	200	21.5
7	SPT-THR 1,5/ 7-V-3,5 P20 R44	1823243	200	25
8	SPT-THR 1,5/ 8-V-3,5 P20 R72	1823256	200	28.5
9	SPT-THR 1,5/ 9-V-3,5 P20 R72	1823269	200	32
10	SPT-THR 1,5/10-V-3,5 P20 R72	1823272	200	35.5
11	SPT-THR 1,5/11-V-3,5 P20 R72	1823285	200	39
12	SPT-THR 1,5/12-V-3,5 P20 R72	1823298	200	42.5



Technical data

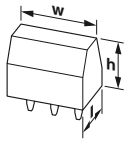
Connection capacity		
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.2 - 1.5
Stranded with ferrules with plastic sleeve	[mm ²]	0.2 - 0.75
2 conductors with same cross section solid / stranded	[mm ²]	- / -
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-
Conductor cross section AWG/kcmil		24 - 16
Stripping length	[mm]	8
Tightening torque	[Nm]	-
Electrical parameters		
Rated current / conductor cross section	[A] / [mm ²]	13.5 / 1.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	160 160 320
Rated surge voltage	[kV]	2.5 2.5 2.5
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 10 - 300 / 10
AWG		24-16 - 24-16
General data		
Type of insulation material / insulation material group		LCP / IIIa
Inflammability class in acc. with UL 94		V0

PCB terminal blocks

Conductor cross section up to 1.5 mm² (AWG 16)

Printed circuit board terminal, Push-in spring connection, Pitch: 3.81 mm

SPT 1,5/...-V-THR, Linear double pinning



Dimensions	[mm]
Solder pin length	2.6
Length l	7.7
Height h	13.6



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPT-THR 1,5/ 2-V-3,81 P26	1822422	510	7.81
3	SPT-THR 1,5/ 3-V-3,81 P26	1822435	350	11.62
4	SPT-THR 1,5/ 4-V-3,81 P26	1822448	250	15.43
5	SPT-THR 1,5/ 5-V-3,81 P26	1822451	190	19.24
6	SPT-THR 1,5/ 6-V-3,81 P26	1822464	160	23.05
7	SPT-THR 1,5/ 7-V-3,81 P26	1822477	120	26.86
8	SPT-THR 1,5/ 8-V-3,81 P26	1822480	120	30.67
9	SPT-THR 1,5/ 9-V-3,81 P26	1822493	90	34.48
10	SPT-THR 1,5/10-V-3,81 P26	1822503	90	38.29
11	SPT-THR 1,5/11-V-3,81 P26	1822516	90	42.1
12	SPT-THR 1,5/12-V-3,81 P26	1822529	60	45.91

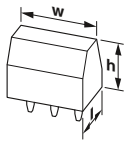


Technical data

Connection capacity			
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5	
Stranded with ferrules without plastic sleeve	[mm ²]	0.2 - 1.5	
Stranded with ferrules with plastic sleeve	[mm ²]	0.2 - 0.75	
2 conductors with same cross section solid / stranded	[mm ²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-	
Conductor cross section AWG/kcmil		24 - 16	
Stripping length	[mm]	8	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	13.5 / 1.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	160	160 320
Rated surge voltage	[kV]	2.5	2.5 2.5
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		24-16	- 24-16
General data			
Type of insulation material / insulation material group		LCP / IIIa	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Push-in spring connection, Pitch: 3.81 mm

SPT 1,5/...-V-THR, Linear double pinning



Dimensions	[mm]
Solder pin length	2
Length l	7.7
Height h	13.6



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPT-THR 1,5/ 2-V-3,81 P20 R24	1823308	200	7.81
3	SPT-THR 1,5/ 3-V-3,81 P20 R24	1823311	200	11.62
4	SPT-THR 1,5/ 4-V-3,81 P20 R44	1823324	200	15.43
5	SPT-THR 1,5/ 5-V-3,81 P20 R44	1823337	200	19.24
6	SPT-THR 1,5/ 6-V-3,81 P20 R44	1823340	200	23.05
7	SPT-THR 1,5/ 7-V-3,81 P20 R44	1823353	200	26.86
8	SPT-THR 1,5/ 8-V-3,81 P20 R72	1823366	200	30.67
9	SPT-THR 1,5/ 9-V-3,81 P20 R72	1823379	200	34.48
10	SPT-THR 1,5/10-V-3,81 P20 R72	1823382	200	38.29

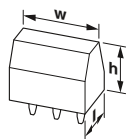


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.2 - 1.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.2 - 0.75	
2 conductors with same cross section solid / stranded	[mm²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-	
Conductor cross section AWG/kcmil		24 - 16	
Stripping length	[mm]	8	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	13.5 / 1.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	160	160 320
Rated surge voltage	[kV]	2.5	2.5 2.5
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		24-16	- 24-16
General data			
Type of insulation material / insulation material group		LCP / IIIa	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Push-in spring connection, Pitch: 3.81 mm

SPTA 1,5/...-THR



Dimensions	[mm]
Solder pin length	2.6
Length l	11.6
Height h	12.47



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPTA-THR 1,5/ 2-3,81 R24	1071177	145	8.41
3	SPTA-THR 1,5/ 3-3,81 R24	1071179	145	12.22
4	SPTA-THR 1,5/ 4-3,81 R32	1071180	145	16.03
5	SPTA-THR 1,5/ 5-3,81 R32	1071181	145	19.84
6	SPTA-THR 1,5/ 6-3,81 R44	1071183	145	23.65
7	SPTA-THR 1,5/ 7-3,81 R44	1071184	145	27.46
8	SPTA-THR 1,5/ 8-3,81 R56	1071185	145	31.27
9	SPTA-THR 1,5/ 9-3,81 R56	1071186	145	35.08
10	SPTA-THR 1,5/10-3,81 R56	1071187	145	38.89
11	SPTA-THR 1,5/11-3,81 R56	1071188	145	42.7
12	SPTA-THR 1,5/12-3,81 R72	1071190	145	46.51

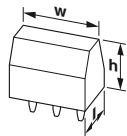


Technical data

Connection capacity				
Solid / stranded	[mm²]	0.2 - 1.5 / -		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 1.5		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 0.75		
Conductor cross section AWG/kcmil		-		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	13.5 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	250
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		-	-	-
General data				
Type of insulation material / insulation material group		LCP GF / -		
Inflammability class in acc. with UL 94		V0		

Printed circuit board terminal, Push-in spring connection, Pitch: 3.5 mm

SPT 1,5/...-H-SMD, Linear pad geometry



Dimensions	[mm]
Solder pin length	2
Length l	13.6
Height h	9.7



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPT-SMD 1,5/ 2-H-3,5 R24	1824527	300	7.5
3	SPT-SMD 1,5/ 3-H-3,5 R24	1824530	300	11
4	SPT-SMD 1,5/ 4-H-3,5 R44	1824543	300	14.5
5	SPT-SMD 1,5/ 5-H-3,5 R44	1824556	300	18
6	SPT-SMD 1,5/ 6-H-3,5 R44	1824569	300	21.5
7	SPT-SMD 1,5/ 7-H-3,5 R44	1824572	300	25
8	SPT-SMD 1,5/ 8-H-3,5 R72	1824585	300	28.5
9	SPT-SMD 1,5/ 9-H-3,5 R72	1824598	300	32
10	SPT-SMD 1,5/10-H-3,5 R72	1824608	300	35.5
11	SPT-SMD 1,5/11-H-3,5 R72	1824611	300	39
12	SPT-SMD 1,5/12-H-3,5 R72	1824624	300	42.5



Technical data

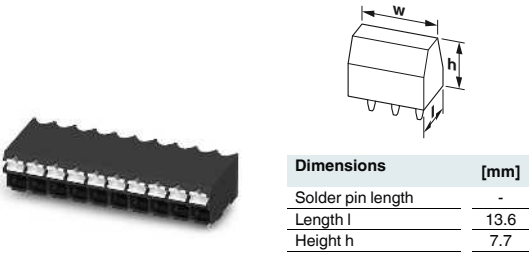
Connection capacity				
Solid / stranded	[mm ²]	- / -		
Stranded with ferrules without plastic sleeve	[mm ²]	-		
Stranded with ferrules with plastic sleeve	[mm ²]	-		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		-		
Stripping length	[mm]	8		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	- / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	-	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		24-16	-	24-16
General data				
Type of insulation material / insulation material group		LCP / IIIa		
Inflammability class in acc. with UL 94		V0		

PCB terminal blocks

Conductor cross section up to 1.5 mm² (AWG 16)

Printed circuit board terminal, Push-in spring connection, Pitch: 3.81 mm

SPT 1,5/...-H-SMD, Linear pad geometry



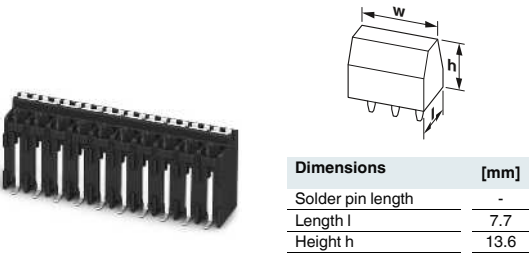
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPT-SMD 1,5/ 2-H-3,81 R24	1824637	300	7.81
3	SPT-SMD 1,5/ 3-H-3,81 R24	1824640	300	11.62
4	SPT-SMD 1,5/ 4-H-3,81 R44	1824653	300	15.43
5	SPT-SMD 1,5/ 5-H-3,81 R44	1824666	300	19.24
6	SPT-SMD 1,5/ 6-H-3,81 R44	1824679	300	23.05
7	SPT-SMD 1,5/ 7-H-3,81 R44	1824682	300	26.86
8	SPT-SMD 1,5/ 8-H-3,81 R72	1824695	300	30.67
9	SPT-SMD 1,5/ 9-H-3,81 R72	1824705	300	34.48
10	SPT-SMD 1,5/10-H-3,81 R72	1824718	300	38.29
11	SPT-SMD 1,5/11-H-3,81 R72	1824721	300	42.1
12	SPT-SMD 1,5/12-H-3,81 R72	1824734	300	45.91



Technical data			
Connection capacity			
Solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.2 - 1.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.2 - 0.75	
2 conductors with same cross section solid / stranded	[mm²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-	
Conductor cross section AWG/kcmil		24 - 16	
Stripping length	[mm]	8	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	13.5 / 1.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	160	160 320
Rated surge voltage	[kV]	2.5	2.5 2.5
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		24-16	- 24-16
General data			
Type of insulation material / insulation material group		LCP / IIIa	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Push-in spring connection, Pitch: 3.5 mm

SPT 1,5/...-V-SMD, Linear pad geometry



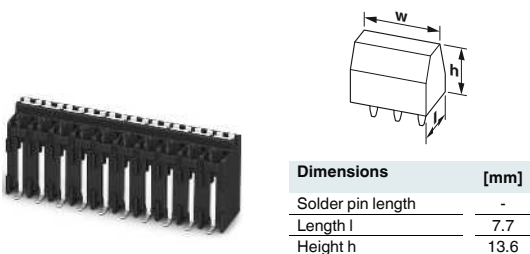
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPT-SMD 1,5/ 2-V-3,5 R24	1824080	200	7.5
3	SPT-SMD 1,5/ 3-V-3,5 R32	1824093	200	11
4	SPT-SMD 1,5/ 4-V-3,5 R44	1824103	200	14.5
5	SPT-SMD 1,5/ 5-V-3,5 R44	1824116	200	18
6	SPT-SMD 1,5/ 6-V-3,5 R44	1824129	200	21.5
7	SPT-SMD 1,5/ 7-V-3,5 R44	1824132	200	25
8	SPT-SMD 1,5/ 8-V-3,5 R72	1824145	200	28.5
9	SPT-SMD 1,5/ 9-V-3,5 R72	1824158	200	32
10	SPT-SMD 1,5/10-V-3,5 R72	1824161	200	35.5
11	SPT-SMD 1,5/11-V-3,5 R72	1824174	200	39
12	SPT-SMD 1,5/12-V-3,5 R72	1824187	200	42.5



Technical data			
Connection capacity			
Solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.2 - 1.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.2 - 0.75	
2 conductors with same cross section solid / stranded	[mm²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-	
Conductor cross section AWG/kcmil		24 - 16	
Stripping length	[mm]	8	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	13.5 / 1.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	160	160 320
Rated surge voltage	[kV]	2.5	2.5 2.5
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		24-16	- 24-16
General data			
Type of insulation material / insulation material group		LCP / IIIa	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Push-in spring connection, Pitch: 3.81 mm

SPT 1,5/...-V-SMD, Linear pad geometry



Dimensions	[mm]
Solder pin length	-
Length l	7.7
Height h	13.6



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPT-SMD 1,5/ 2-V-3,81 R24	1824190	200	7.81
3	SPT-SMD 1,5/ 3-V-3,81 R32	1824200	200	11.62
4	SPT-SMD 1,5/ 4-V-3,81 R44	1824213	200	15.43
5	SPT-SMD 1,5/ 5-V-3,81 R44	1824226	200	19.24
6	SPT-SMD 1,5/ 6-V-3,81 R44	1824239	200	23.05
7	SPT-SMD 1,5/ 7-V-3,81 R44	1824242	200	26.86
8	SPT-SMD 1,5/ 8-V-3,81 R72	1824255	200	30.67
9	SPT-SMD 1,5/ 9-V-3,81 R72	1824268	200	34.48
10	SPT-SMD 1,5/10-V-3,81 R72	1824271	200	38.29
11	SPT-SMD 1,5/11-V-3,81 R72	1824284	200	42.1
12	SPT-SMD 1,5/12-V-3,81 R72	1824297	200	45.91

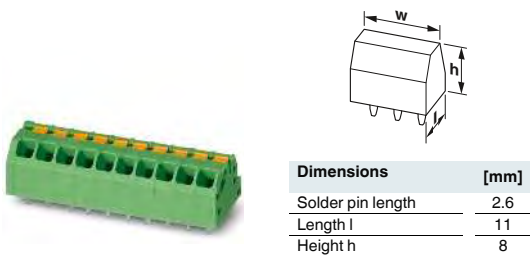


Technical data

Connection capacity		
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.2 - 1.5
Stranded with ferrules with plastic sleeve	[mm ²]	0.2 - 0.75
2 conductors with same cross section solid / stranded	[mm ²]	- / -
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-
Conductor cross section AWG/kcmil		24 - 16
Stripping length	[mm]	8
Tightening torque	[Nm]	-
Electrical parameters		
Rated current / conductor cross section	[A] / [mm ²]	13.5 / 1.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	160 160 320
Rated surge voltage	[kV]	2.5 2.5 2.5
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 10 - 300 / 10
AWG		24-16 - 24-16
General data		
Type of insulation material / insulation material group		LCP / IIIa
Inflammability class in acc. with UL 94		V0

Printed circuit board terminal, Push-in spring connection, Pitch: 3.5 mm

SPTAF 1/...-IL, Linear pinning



Dimensions	[mm]
Solder pin length	2.6
Length l	11
Height h	8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPTAF 1/ 2-3,5-IL	1861933	210	8.5
3	SPTAF 1/ 3-3,5-IL	1861946	150	12
4	SPTAF 1/ 4-3,5-IL	1861959	110	15.5
5	SPTAF 1/ 5-3,5-IL	1861962	95	19
6	SPTAF 1/ 6-3,5-IL	1861975	80	22.5
7	SPTAF 1/ 7-3,5-IL	1861988	70	26
8	SPTAF 1/ 8-3,5-IL	1861991	55	29.5
9	SPTAF 1/ 9-3,5-IL	1862000	55	33
10	SPTAF 1/10-3,5-IL	1862013	80	36.5
11	SPTAF 1/11-3,5-IL	1862026	80	40
12	SPTAF 1/12-3,5-IL	1862039	80	43.5
13	SPTAF 1/13-3,5-IL	1862194	50	47
14	SPTAF 1/14-3,5-IL	1862204	50	50.5
15	SPTAF 1/15-3,5-IL	1862217	50	54
16	SPTAF 1/16-3,5-IL	1862220	50	57.5



Technical data

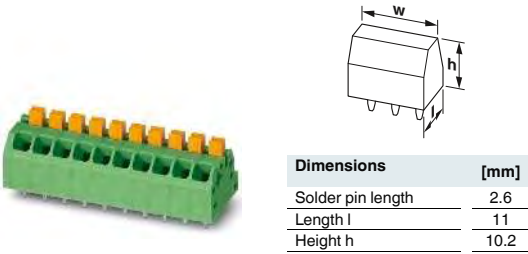
Connection capacity		
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 0.75
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.75
2 conductors with same cross section solid / stranded	[mm ²]	- / -
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-
Conductor cross section AWG/kcmil		24 - 16
Stripping length	[mm]	8
Tightening torque	[Nm]	-
Electrical parameters		
Rated current / conductor cross section	[A] / [mm ²]	16 / 1.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	160 160 320
Rated surge voltage	[kV]	2.5 2.5 2.5
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 8 - 300 / 8
AWG		24-16 - 24-16
General data		
Type of insulation material / insulation material group		PA / I
Inflammability class in acc. with UL 94		V0

PCB terminal blocks

Conductor cross section up to 1.5 mm² (AWG 16)

Printed circuit board terminal, Push-in spring connection, Pitch: 3.5 mm

SPTAF 1/...-EL, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPTAF 1/ 2-3,5-EL	1862042	195	8.5
3	SPTAF 1/ 3-3,5-EL	1862055	140	12
4	SPTAF 1/ 4-3,5-EL	1862068	100	15.5
5	SPTAF 1/ 5-3,5-EL	1862071	90	19
6	SPTAF 1/ 6-3,5-EL	1862084	65	22.5
7	SPTAF 1/ 7-3,5-EL	1862097	65	26
8	SPTAF 1/ 8-3,5-EL	1862107	50	29.5
9	SPTAF 1/ 9-3,5-EL	1862110	50	33
10	SPTAF 1/10-3,5-EL	1862123	70	36.5
11	SPTAF 1/11-3,5-EL	1862136	70	40
12	SPTAF 1/12-3,5-EL	1862149	70	43.5
13	SPTAF 1/13-3,5-EL	1862233	50	47
14	SPTAF 1/14-3,5-EL	1862246	50	50.5
15	SPTAF 1/15-3,5-EL	1862259	50	54
16	SPTAF 1/16-3,5-EL	1862262	50	57.5

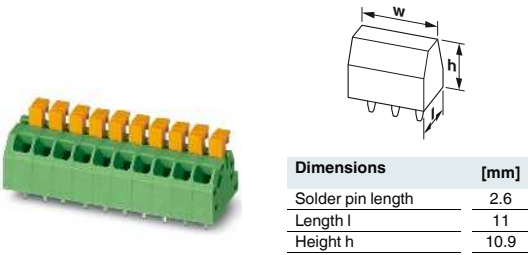


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 0.75	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 0.75	
2 conductors with same cross section solid / stranded	[mm²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-	
Conductor cross section AWG/kcmil		24 - 16	
Stripping length	[mm]	8	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	16 / 1.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	160	160 320
Rated surge voltage	[kV]	2.5	2.5 2.5
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 8	- 300 / 8
AWG		24-16	- 24-16
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Push-in spring connection, Pitch: 3.5 mm

SPTAF 1/...-LL, Linear double pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPTAF 1/ 2-3,5-LL	1864286	195	8.5
3	SPTAF 1/ 3-3,5-LL	1864299	140	12
4	SPTAF 1/ 4-3,5-LL	1864309	100	15.5
5	SPTAF 1/ 5-3,5-LL	1864312	90	19
6	SPTAF 1/ 6-3,5-LL	1864325	65	22.5
7	SPTAF 1/ 7-3,5-LL	1864338	65	26
8	SPTAF 1/ 8-3,5-LL	1864341	50	29.5
9	SPTAF 1/ 9-3,5-LL	1864354	50	33
10	SPTAF 1/10-3,5-LL	1864367	70	36.5
11	SPTAF 1/11-3,5-LL	1864370	70	40
12	SPTAF 1/12-3,5-LL	1864383	70	43.5
13	SPTAF 1/13-3,5-LL	1864396	50	47
14	SPTAF 1/14-3,5-LL	1864406	50	50.5
15	SPTAF 1/15-3,5-LL	1864419	50	54
16	SPTAF 1/16-3,5-LL	1864422	50	57.5

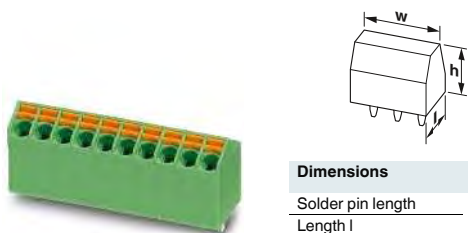


Technical data

Connection capacity				
Solid / stranded	[mm ²]	0.2 - 0.75 / 0.2 - 1		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 0.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.5		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		24 - 18		
Stripping length	[mm]	8		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	13.5 / 0.75		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		24-18	-	24-18
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Printed circuit board terminal, Push-in spring connection, Pitch: 3.5 mm

SPTA 1/, Linear double pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	10
Height h	12.4



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPTA 1/ 2-3,5	1752104	100	7.6
3	SPTA 1/ 3-3,5	1752117	100	11.1
4	SPTA 1/ 4-3,5	1752120	50	14.6
5	SPTA 1/ 5-3,5	1752133	50	18.1
6	SPTA 1/ 6-3,5	1752146	50	21.6
7	SPTA 1/ 7-3,5	1752159	50	25.1
8	SPTA 1/ 8-3,5	1752162	50	28.6
9	SPTA 1/ 9-3,5	1752175	50	32.1
10	SPTA 1/10-3,5	1752188	50	35.6
11	SPTA 1/11-3,5	1752191	50	39.1
12	SPTA 1/12-3,5	1752201	50	42.6

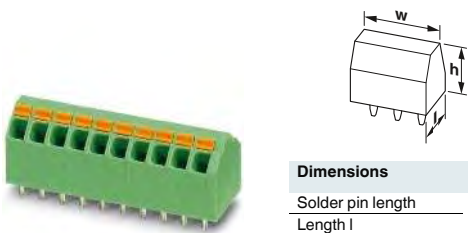


Technical data

Connection capacity		
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 0.75
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.75
2 conductors with same cross section solid / stranded	[mm ²]	- / -
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-
Conductor cross section AWG/kcmil		24 - 16
Stripping length	[mm]	8
Tightening torque	[Nm]	-
Electrical parameters		
Rated current / conductor cross section	[A] / [mm ²]	9 / 1.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	160 200 400
Rated surge voltage	[kV]	2.5 2.5 2.5
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	150 / 10 - 300 / 10
AWG		26-16 - 26-16
General data		
Type of insulation material / insulation material group		PA / I
Inflammability class in acc. with UL 94		V0

Printed circuit board terminal, Push-in spring connection, Pitch: 3.81 mm

SPTA 1,5/, Linear double pinning



Dimensions	[mm]
Solder pin length	3.4
Length l	12
Height h	12



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPTA 1,5/ 2-3,81	1751477	100	9.12
3	SPTA 1,5/ 3-3,81	1751480	100	12.93
4	SPTA 1,5/ 4-3,81	1751493	50	16.74
5	SPTA 1,5/ 5-3,81	1751503	50	20.55
6	SPTA 1,5/ 6-3,81	1751516	50	24.36
7	SPTA 1,5/ 7-3,81	1743184	50	28.17
8	SPTA 1,5/ 8-3,81	1751529	50	31.98
9	SPTA 1,5/ 9-3,81	1751532	50	35.79
10	SPTA 1,5/10-3,81	1751545	50	39.6
11	SPTA 1,5/11-3,81	1743197	50	43.41
12	SPTA 1,5/12-3,81	1751558	50	47.22



Technical data

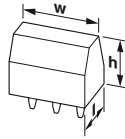
Connection capacity		
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5
2 conductors with same cross section solid / stranded	[mm ²]	- / -
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-
Conductor cross section AWG/kcmil		24 - 16
Stripping length	[mm]	10
Tightening torque	[Nm]	-
Electrical parameters		
Rated current / conductor cross section	[A] / [mm ²]	9 / 1.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	160 160 320
Rated surge voltage	[kV]	2.5 2.5 2.5
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 10 - -
AWG		26-16 - -
General data		
Type of insulation material / insulation material group		PA / I
Inflammability class in acc. with UL 94		V0

PCB terminal blocks

Conductor cross section up to 1.5 mm² (AWG 16)

Printed circuit board terminal, Push-in spring connection, Pitch: 3.5 mm

SPTD 1,5, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	18
Height h	24.2



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPTD 1,5/ 2-H-3,5	1841490	100	12
3	SPTD 1,5/ 3-H-3,5	1841500	100	15.5
4	SPTD 1,5/ 4-H-3,5	1841513	50	19
5	SPTD 1,5/ 5-H-3,5	1841526	50	22.5
6	SPTD 1,5/ 6-H-3,5	1841539	50	26
7	SPTD 1,5/ 7-H-3,5	1841542	25	29.5
8	SPTD 1,5/ 8-H-3,5	1841555	25	33
9	SPTD 1,5/ 9-H-3,5	1841568	25	36.5
10	SPTD 1,5/10-H-3,5	1841571	25	40
11	SPTD 1,5/11-H-3,5	1841584	25	43.5
12	SPTD 1,5/12-H-3,5	1841597	25	47

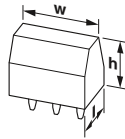


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.14 - 1.5 / 0.14 - 1.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.2 - 1.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.2 - 0.75	
2 conductors with same cross section solid / stranded	[mm²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-	
Conductor cross section AWG/kcmil		26 - 16	
Stripping length	[mm]	8	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	10 / 1.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	160	200 400
Rated surge voltage	[kV]	2.5	2.5 2.5
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	150 / 10	- -
AWG		26-14	- -
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Push-in spring connection, Pitch: 3.5 mm

SPT 1,5/...-H, Linear double pinning



Dimensions	[mm]
Solder pin length	2.5
Length l	14.4
Height h	13.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPT 1,5/ 2-H-3,5	1990737	100	8.4
2	SPT 1,5/ 2-H-3,5	1990737	100	8.4
3	SPT 1,5/ 3-H-3,5	1990740	100	11.9
4	SPT 1,5/ 4-H-3,5	1990753	100	15.4
5	SPT 1,5/ 5-H-3,5	1990766	100	18.9
6	SPT 1,5/ 6-H-3,5	1990779	100	22.4
7	SPT 1,5/ 7-H-3,5	1990782	50	25.9
8	SPT 1,5/ 8-H-3,5	1990795	50	29.4
9	SPT 1,5/ 9-H-3,5	1990805	50	32.9
10	SPT 1,5/10-H-3,5	1990818	50	36.4
11	SPT 1,5/11-H-3,5	1990821	50	39.9
12	SPT 1,5/12-H-3,5	1990834	50	43.4

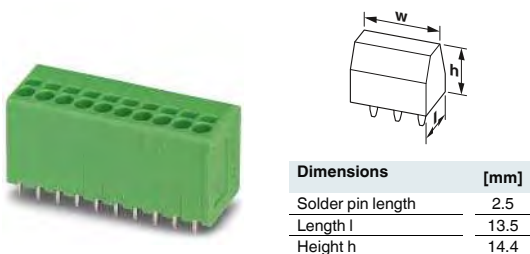


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 1.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 0.75	
2 conductors with same cross section solid / stranded	[mm²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-	
Conductor cross section AWG/kcmil		24 - 16	
Stripping length	[mm]	10	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	17.5 / 1.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	160	200 400
Rated surge voltage	[kV]	2.5	2.5 2.5
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		24-16	- 24-16
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Push-in spring connection, Pitch: 3.5 mm

SPT 1,5/..-V, Linear double pinning



Dimensions	[mm]
Solder pin length	2.5
Length l	13.5
Height h	14.4



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPT 1,5/ 2-V-3,5	1990850	100	8.4
3	SPT 1,5/ 3-V-3,5	1990863	100	11.9
4	SPT 1,5/ 4-V-3,5	1990876	100	15.4
5	SPT 1,5/ 5-V-3,5	1990889	100	18.9
6	SPT 1,5/ 6-V-3,5	1990892	100	22.4
7	SPT 1,5/ 7-V-3,5	1990902	50	25.9
8	SPT 1,5/ 8-V-3,5	1990915	50	29.4
9	SPT 1,5/ 9-V-3,5	1990928	50	32.9
10	SPT 1,5/10-V-3,5	1990931	50	36.4
11	SPT 1,5/11-V-3,5	1990944	50	39.9
12	SPT 1,5/12-V-3,5	1990957	50	43.4

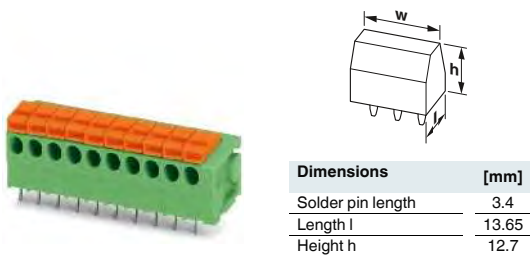


Technical data

Connection capacity		
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.75
2 conductors with same cross section solid / stranded	[mm ²]	- / -
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-
Conductor cross section AWG/kcmil		24 - 16
Stripping length	[mm]	10
Tightening torque	[Nm]	-
Electrical parameters		
Rated current / conductor cross section	[A] / [mm ²]	17.5 / 1.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	160 200 400
Rated surge voltage	[kV]	2.5 2.5 2.5
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 10 - 300 / 10
AWG		24-16 - 24-16
General data		
Type of insulation material / insulation material group		PA / I
Inflammability class in acc. with UL 94		V0

Printed circuit board terminal, Push-in spring connection, Pitch: 3.81 mm

FFKDS(A) 1,5/..-H, Linear double pinning



Dimensions	[mm]
Solder pin length	3.4
Length l	13.65
Height h	12.7



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FFKDSA1/H-3,81- 2	1869363	50	10.12
2	FFKDSA1/H-3,81- 2	1869363	50	10.12
3	FFKDSA1/H-3,81- 3	1888221	50	13.93
4	FFKDSA1/H-3,81- 4	1700282	50	17.74
5	FFKDSA1/H-3,81- 5	1869871	50	21.55
6	FFKDSA1/H-3,81- 6	1906682	50	25.36
8	FFKDSA1/H-3,81- 8	1992159	50	32.98
10	FFKDSA1/H-3,81-10	1700318	50	40.6



Technical data

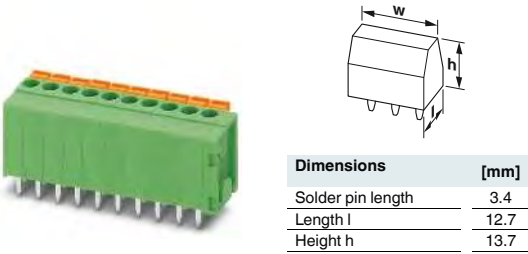
Connection capacity		
Solid / stranded	[mm ²]	0.14 - 1 / 0.14 - 1
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 0.34
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.34
2 conductors with same cross section solid / stranded	[mm ²]	- / -
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-
Conductor cross section AWG/kcmil		26 - 18
Stripping length	[mm]	10
Tightening torque	[Nm]	-
Electrical parameters		
Rated current / conductor cross section	[A] / [mm ²]	12 / 1
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	160 160 320
Rated surge voltage	[kV]	2.5 2.5 2.5
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 6 - 300 / 6
AWG		26-16 - 26-16
Approval data (CSA)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	150 / 10 - -
AWG		26-18 - -
General data		
Type of insulation material / insulation material group		PA / I
Inflammability class in acc. with UL 94		V0

PCB terminal blocks

Conductor cross section up to 1.5 mm² (AWG 16)

Printed circuit board terminal, Push-in spring connection, Pitch: 3.81 mm

FFKDSA(A) 1,5/...-V, Linear double pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FFKDSA1/V-3,81- 2	1890471	50	10.12
3	FFKDSA1/V-3,81- 3	1890484	50	13.93
4	FFKDSA1/V-3,81- 4	1724916	50	17.74
6	FFKDSA1/V-3,81- 6	1870187	50	25.36
8	FFKDSA1/V-3,81- 8	1705252	50	32.98
9	FFKDSA1/V-3,81- 9	1934528	50	36.79
10	FFKDSA1/V-3,81-10	1991794	50	40.6
11	FFKDSA1/V-3,81-11	1991231	50	44.41
12	FFKDSA1/V-3,81-12	1706992	50	48.22
13	FFKDSA1/V-3,81-13	1700392	50	52.03
16	FFKDSA1/V-3,81-16	1700428	50	63.46

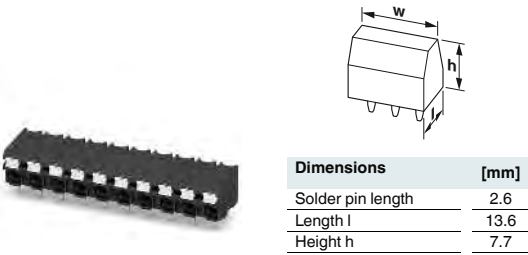


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.14 - 1 / 0.14 - 1	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 0.34	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 0.34	
2 conductors with same cross section solid / stranded	[mm²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-	
Conductor cross section AWG/kcmil		26 - 18	
Stripping length	[mm]	10	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	12 / 1	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	160	160 320
Rated surge voltage	[kV]	2.5	2.5 2.5
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 6	- 300 / 6
AWG		26-16	- 26-16
Approval data (CSA)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	150 / 10	- -
AWG		26-18	- -
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Push-in spring connection, Pitch: 5 mm

SPT 1,5/...-H-THR, Linear double pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPT-THR 1,5/ 2-H-5,0 P26	1822972	300	9
3	SPT-THR 1,5/ 3-H-5,0 P26	1822985	190	14
4	SPT-THR 1,5/ 4-H-5,0 P26	1822998	130	19
5	SPT-THR 1,5/ 5-H-5,0 P26	1823007	110	24
6	SPT-THR 1,5/ 6-H-5,0 P26	1823010	80	29
7	SPT-THR 1,5/ 7-H-5,0 P26	1823023	60	34
8	SPT-THR 1,5/ 8-H-5,0 P26	1823036	60	39
9	SPT-THR 1,5/ 9-H-5,0 P26	1823049	40	44
10	SPT-THR 1,5/10-H-5,0 P26	1823052	40	49
11	SPT-THR 1,5/11-H-5,0 P26	1823065	40	54
12	SPT-THR 1,5/12-H-5,0 P26	1823078	40	59

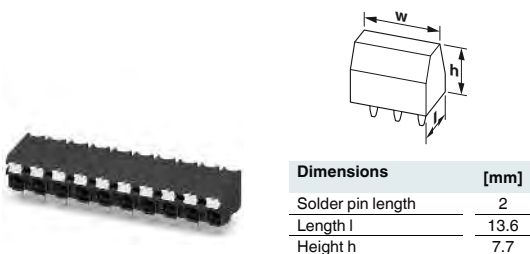


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.2 - 1.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.2 - 0.75	
2 conductors with same cross section solid / stranded	[mm²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-	
Conductor cross section AWG/kcmil		24 - 16	
Stripping length	[mm]	8	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	13.5 / 1.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	250	320 500
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		24-16	- 24-16
General data			
Type of insulation material / insulation material group		LCP / IIIa	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Push-in spring connection, Pitch: 5 mm

SPT 1,5/...-H-THR, Linear double pinning



Dimensions	[mm]
Solder pin length	2
Length l	13.6
Height h	7.7



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPT-THR 1,5/ 2-H-5,0 P20 R24	1823858	250	9
3	SPT-THR 1,5/ 3-H-5,0 P20 R32	1823861	250	14
4	SPT-THR 1,5/ 4-H-5,0 P20 R32	1823874	250	19
5	SPT-THR 1,5/ 5-H-5,0 P20 R56	1823887	250	24
6	SPT-THR 1,5/ 6-H-5,0 P20 R56	1823890	250	29
7	SPT-THR 1,5/ 7-H-5,0 P20 R56	1823900	250	34
8	SPT-THR 1,5/ 8-H-5,0 P20 R56	1823913	250	39
9	SPT-THR 1,5/ 9-H-5,0 P20 R88	1823926	250	44
10	SPT-THR 1,5/10-H-5,0 P20 R88	1823939	250	49
11	SPT-THR 1,5/11-H-5,0 P20 R88	1823942	250	54
12	SPT-THR 1,5/12-H-5,0 P20 R88	1823955	250	59

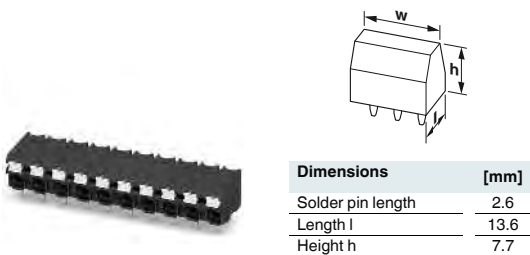


Technical data

Connection capacity		
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.2 - 1.5
Stranded with ferrules with plastic sleeve	[mm ²]	0.2 - 0.75
2 conductors with same cross section solid / stranded	[mm ²]	- / -
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-
Conductor cross section AWG/kcmil		24 - 16
Stripping length	[mm]	8
Tightening torque	[Nm]	-
Electrical parameters		
Rated current / conductor cross section	[A] / [mm ²]	13.5 / 1.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	250 320 500
Rated surge voltage	[kV]	4 4 4
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 10 - 300 / 10
AWG		24-16 - 24-16
General data		
Type of insulation material / insulation material group		LCP / IIIa
Inflammability class in acc. with UL 94		V0

Printed circuit board terminal, Push-in spring connection, Pitch: 5.08 mm

SPT 1,5/...-H-THR, Linear double pinning



Dimensions	[mm]
Solder pin length	2.6
Length l	13.6
Height h	7.7



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPT-THR 1,5/ 2-H-5,08 P26	1823081	280	9.08
3	SPT-THR 1,5/ 3-H-5,08 P26	1823094	170	14.16
4	SPT-THR 1,5/ 4-H-5,08 P26	1823104	130	19.24
5	SPT-THR 1,5/ 5-H-5,08 P26	1823117	110	34.32
6	SPT-THR 1,5/ 6-H-5,08 P26	1823120	80	29.4
7	SPT-THR 1,5/ 7-H-5,08 P26	1823133	60	34.48
8	SPT-THR 1,5/ 8-H-5,08 P26	1823146	60	39.56
9	SPT-THR 1,5/ 9-H-5,08 P26	1823159	40	44.64
10	SPT-THR 1,5/10-H-5,08 P26	1823162	40	49.72
11	SPT-THR 1,5/11-H-5,08 P26	1823175	40	54.8
12	SPT-THR 1,5/12-H-5,08 P26	1823188	40	59.88



Technical data

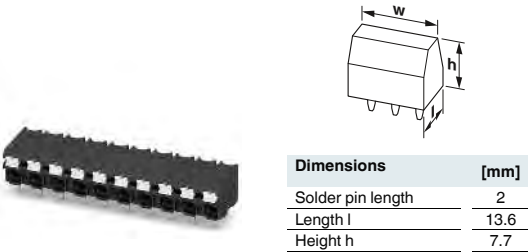
Connection capacity		
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.2 - 1.5
Stranded with ferrules with plastic sleeve	[mm ²]	0.2 - 0.75
2 conductors with same cross section solid / stranded	[mm ²]	- / -
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-
Conductor cross section AWG/kcmil		24 - 16
Stripping length	[mm]	8
Tightening torque	[Nm]	-
Electrical parameters		
Rated current / conductor cross section	[A] / [mm ²]	13.5 / 1.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	250 320 500
Rated surge voltage	[kV]	4 4 4
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 10 - 300 / 10
AWG		24-16 - 24-16
General data		
Type of insulation material / insulation material group		LCP / IIIa
Inflammability class in acc. with UL 94		V0

PCB terminal blocks

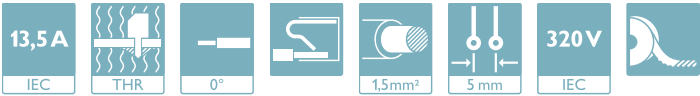
Conductor cross section up to 1.5 mm² (AWG 16)

Printed circuit board terminal, Push-in spring connection, Pitch: 5.08 mm

SPT 1,5/...-H-THR, Linear double pinning



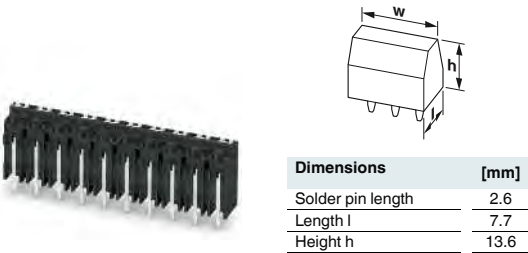
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPT-THR 1,5/ 2-H-5,08 P20 R24	1823968	250	9.08
3	SPT-THR 1,5/ 3-H-5,08 P20 R32	1823971	250	14.16
4	SPT-THR 1,5/ 4-H-5,08 P20 R32	1823984	250	19.24
5	SPT-THR 1,5/ 5-H-5,08 P20 R56	1823997	250	24.32
6	SPT-THR 1,5/ 6-H-5,08 P20 R56	1824006	250	29.4
7	SPT-THR 1,5/ 7-H-5,08 P20 R56	1824019	250	34.48
8	SPT-THR 1,5/ 8-H-5,08 P20 R56	1824022	250	39.56
9	SPT-THR 1,5/ 9-H-5,08 P20 R88	1824035	250	44.46
10	SPT-THR 1,5/10-H-5,08 P20 R88	1824048	250	49.72
11	SPT-THR 1,5/11-H-5,08 P20 R88	1824051	250	54.8
12	SPT-THR 1,5/12-H-5,08 P20 R88	1824064	250	59.88



Technical data			
Connection capacity			
Solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.2 - 1.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.2 - 0.75	
2 conductors with same cross section solid / stranded	[mm²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-	
Conductor cross section AWG/kcmil		24 - 16	
Stripping length	[mm]	8	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	13.5 / 1.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	250	320 500
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		24-16	- 24-16
General data			
Type of insulation material / insulation material group		LCP / IIIa	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Push-in spring connection, Pitch: 5 mm

SPT 1,5/...-V-THR, Linear double pinning



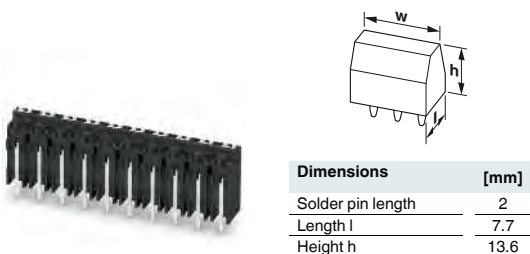
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPT-THR 1,5/ 2-V-5,0 P26	1822532	400	9
3	SPT-THR 1,5/ 3-V-5,0 P26	1822545	250	14
4	SPT-THR 1,5/ 4-V-5,0 P26	1822558	190	19
5	SPT-THR 1,5/ 5-V-5,0 P26	1822561	160	24
6	SPT-THR 1,5/ 6-V-5,0 P26	1822574	120	29
7	SPT-THR 1,5/ 7-V-5,0 P26	1822587	90	34
8	SPT-THR 1,5/ 8-V-5,0 P26	1822590	90	39
9	SPT-THR 1,5/ 9-V-5,0 P26	1822600	60	44
10	SPT-THR 1,5/10-V-5,0 P26	1822613	60	49
11	SPT-THR 1,5/11-V-5,0 P26	1822626	60	54
12	SPT-THR 1,5/12-V-5,0 P26	1822639	60	59



Technical data			
Connection capacity			
Solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.2 - 1.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.2 - 0.75	
2 conductors with same cross section solid / stranded	[mm²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-	
Conductor cross section AWG/kcmil		24 - 16	
Stripping length	[mm]	8	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	13.5 / 1.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	250	320 500
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		24-16	- 24-16
General data			
Type of insulation material / insulation material group		LCP / IIIa	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Push-in spring connection, Pitch: 5 mm

SPT 1,5/...-V-THR, Linear double pinning

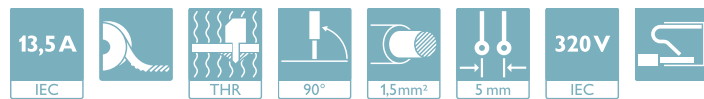


Dimensions	[mm]
Solder pin length	2
Length l	7.7
Height h	13.6



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPT-THR 1,5/ 2-V-5,0 P20 R24	1823418	200	9
3	SPT-THR 1,5/ 3-V-5,0 P20 R32	1823421	180	14
4	SPT-THR 1,5/ 4-V-5,0 P20 R56	1823434	200	19
5	SPT-THR 1,5/ 5-V-5,0 P20 R56	1823447	200	24
6	SPT-THR 1,5/ 6-V-5,0 P20 R56	1823450	200	29
7	SPT-THR 1,5/ 7-V-5,0 P20 R56	1823463	200	34
8	SPT-THR 1,5/ 8-V-5,0 P20 R88	1823476	200	39
9	SPT-THR 1,5/ 9-V-5,0 P20 R88	1823489	200	44
10	SPT-THR 1,5/10-V-5,0 P20 R88	1823492	200	49
11	SPT-THR 1,5/11-V-5,0 P20 R88	1823502	200	54
12	SPT-THR 1,5/12-V-5,0 P20 R88	1823515	200	59

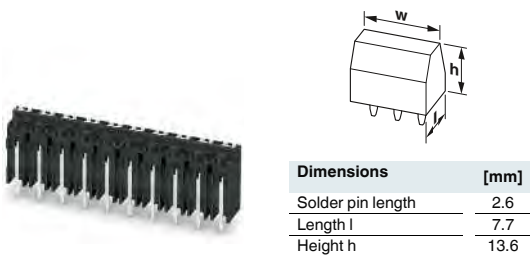


Technical data

Connection capacity		
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.2 - 1.5
Stranded with ferrules with plastic sleeve	[mm ²]	0.2 - 0.75
2 conductors with same cross section solid / stranded	[mm ²]	- / -
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-
Conductor cross section AWG/kcmil		24 - 16
Stripping length	[mm]	8
Tightening torque	[Nm]	-
Electrical parameters		
Rated current / conductor cross section	[A] / [mm ²]	13.5 / 1.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	250 320 500
Rated surge voltage	[kV]	4 4 4
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 10 - 300 / 10
AWG		24-16 - 24-16
General data		
Type of insulation material / insulation material group		LCP / IIIa
Inflammability class in acc. with UL 94		V0

Printed circuit board terminal, Push-in spring connection, Pitch: 5.08 mm

SPT 1,5/...-V-THR, Linear double pinning



Dimensions	[mm]
Solder pin length	2.6
Length l	7.7
Height h	13.6



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPT-THR 1,5/ 2-V-5,08 P26	1822642	400	9.08
3	SPT-THR 1,5/ 3-V-5,08 P26	1822655	250	14.16
4	SPT-THR 1,5/ 4-V-5,08 P26	1822668	190	19.24
5	SPT-THR 1,5/ 5-V-5,08 P26	1822671	160	24.32
6	SPT-THR 1,5/ 6-V-5,08 P26	1822684	120	29.4
7	SPT-THR 1,5/ 7-V-5,08 P26	1822697	90	34.48
8	SPT-THR 1,5/ 8-V-5,08 P26	1822707	90	39.56
9	SPT-THR 1,5/ 9-V-5,08 P26	1822710	60	44.64
10	SPT-THR 1,5/10-V-5,08 P26	1822723	60	49.72
11	SPT-THR 1,5/11-V-5,08 P26	1822736	60	54.8
12	SPT-THR 1,5/12-V-5,08 P26	1822749	60	59.88



Technical data

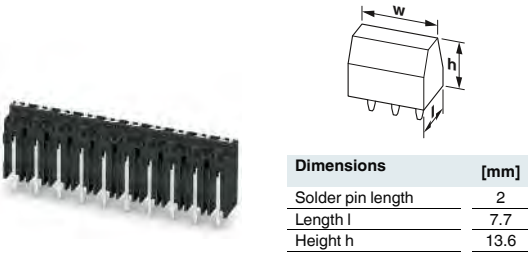
Connection capacity		
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.2 - 1.5
Stranded with ferrules with plastic sleeve	[mm ²]	0.2 - 0.75
2 conductors with same cross section solid / stranded	[mm ²]	- / -
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-
Conductor cross section AWG/kcmil		24 - 16
Stripping length	[mm]	8
Tightening torque	[Nm]	-
Electrical parameters		
Rated current / conductor cross section	[A] / [mm ²]	13.5 / 1.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	250 320 500
Rated surge voltage	[kV]	4 4 4
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 10 - 300 / 10
AWG		24-16 - 24-16
General data		
Type of insulation material / insulation material group		LCP / IIIa
Inflammability class in acc. with UL 94		V0

PCB terminal blocks

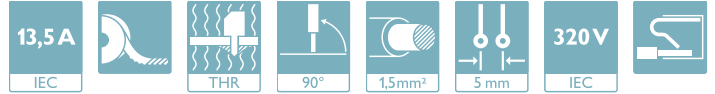
Conductor cross section up to 1.5 mm² (AWG 16)

Printed circuit board terminal, Push-in spring connection, Pitch: 5.08 mm

SPT 1,5/...-V-THR, Linear double pinning



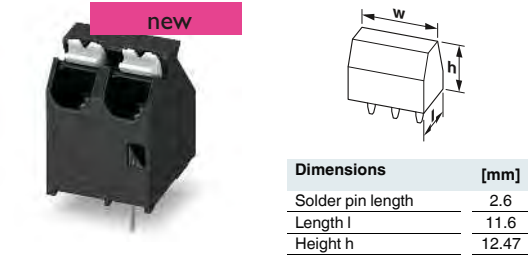
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPT-THR 1,5/ 2-V-5,08 P20 R24	1823528	200	9.08
3	SPT-THR 1,5/ 3-V-5,08 P20 R32	1823531	200	14.16
4	SPT-THR 1,5/ 4-V-5,08 P20 R56	1823544	200	19.24
5	SPT-THR 1,5/ 5-V-5,08 P20 R56	1823557	200	24.32
6	SPT-THR 1,5/ 6-V-5,08 P20 R56	1823560	200	29.4
7	SPT-THR 1,5/ 7-V-5,08 P20 R56	1823573	200	34.48
8	SPT-THR 1,5/ 8-V-5,08 P20 R88	1823586	200	39.56
9	SPT-THR 1,5/ 9-V-5,08 P20 R88	1823599	200	44.64
10	SPT-THR 1,5/10-V-5,08 P20 R88	1823609	200	49.72
11	SPT-THR 1,5/11-V-5,08 P20 R88	1823612	200	54.8
12	SPT-THR 1,5/12-V-5,08 P20 R88	1823625	200	59.88



Technical data			
Connection capacity			
Solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.2 - 1.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.2 - 0.75	
2 conductors with same cross section solid / stranded	[mm²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-	
Conductor cross section AWG/kcmil		24 - 16	
Stripping length	[mm]	8	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	13.5 / 1.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	250	320 500
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		24-16	- 24-16
General data			
Type of insulation material / insulation material group		LCP / IIIa	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Push-in spring connection, Pitch: 5.08 mm

SPTA 1,5/...THR



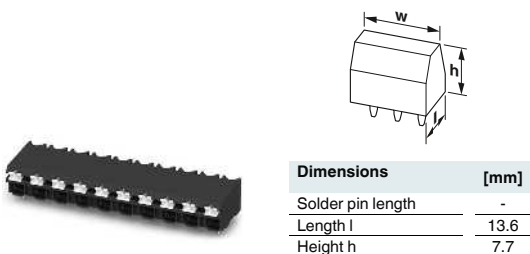
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPTA-THR 1,5/ 2-5,08 R24	1071199	145	9.68
3	SPTA-THR 1,5/ 3-5,08 R32	1071202	145	14.76
4	SPTA-THR 1,5/ 4-5,08 R32	1071204	145	19.84
5	SPTA-THR 1,5/ 5-5,08 R44	1071205	145	24.92
6	SPTA-THR 1,5/ 6-5,08 R44	1071206	145	30
7	SPTA-THR 1,5/ 7-5,08 R56	1071207	145	35.08
8	SPTA-THR 1,5/ 8-5,08 R56	1071208	145	40.16
9	SPTA-THR 1,5/ 9-5,08 R72	1071209	145	45.24
10	SPTA-THR 1,5/10-5,08 R72	1071210	145	50.32
11	SPTA-THR 1,5/11-5,08 R72	1071211	145	55.4
12	SPTA-THR 1,5/12-5,08 R72	1071212	145	60.48



Technical data			
Connection capacity			
Solid / stranded	[mm²]	0.2 - 1.5 / -	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 1.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 1.5	
2 conductors with same cross section solid / stranded	[mm²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 0.75	
Conductor cross section AWG/kcmil		-	
Stripping length	[mm]	10	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	13.5 / 1.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	250	320 400
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		-	-
General data			
Type of insulation material / insulation material group		LCP GF / -	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Push-in spring connection, Pitch: 5 mm

SPT 1,5/...-H-SMD, Linear pad geometry



Dimensions	[mm]
Solder pin length	-
Length l	13.6
Height h	7.7



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPT-SMD 1,5/ 2-H-5,0 R24	1824747	300	9
3	SPT-SMD 1,5/ 3-H-5,0 R32	1824750	300	14
4	SPT-SMD 1,5/ 4-H-5,0 R44	1824763	300	19
5	SPT-SMD 1,5/ 5-H-5,0 R44	1824776	300	24
6	SPT-SMD 1,5/ 6-H-5,0 R44	1824789	300	29
7	SPT-SMD 1,5/ 7-H-5,0 R88	1824792	300	34
8	SPT-SMD 1,5/ 8-H-5,0 R88	1824802	300	39
9	SPT-SMD 1,5/ 9-H-5,0 R88	1824815	300	44
10	SPT-SMD 1,5/10-H-5,0 R88	1824828	300	49
11	SPT-SMD 1,5/11-H-5,0 R88	1824831	300	54
12	SPT-SMD 1,5/12-H-5,0 R88	1824844	300	59

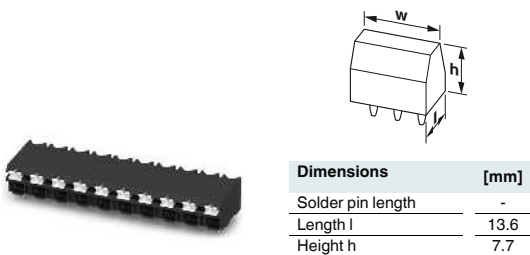


Technical data

Connection capacity	
Solid / stranded	[mm ²] 0.2 - 1.5 / 0.2 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²] 0.2 - 1.5
Stranded with ferrules with plastic sleeve	[mm ²] 0.2 - 0.75
2 conductors with same cross section solid / stranded	[mm ²] - / -
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²] -
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²] -
Conductor cross section AWG/kcmil	24 - 16
Stripping length	[mm] 8
Tightening torque	[Nm] -
Electrical parameters	
Rated current / conductor cross section	[A] / [mm ²] 13.5 / 1.5
Surge voltage category/degree of pollution	III/3 III / 2 II / 2
Rated insulation voltage	[V] 250 320 500
Rated surge voltage	[kV] 4 4 4
Approval data (UL/CUL)	
Use Group	B C D
Nominal voltage/current	[V] / [A] 300 / 10 - 300 / 10
AWG	24-16 - 24-16
General data	
Type of insulation material / insulation material group	LCP / IIIa
Inflammability class in acc. with UL 94	V0

Printed circuit board terminal, Push-in spring connection, Pitch: 5.08 mm

SPT 1,5/...-H-SMD, Linear pad geometry



Dimensions	[mm]
Solder pin length	-
Length l	13.6
Height h	7.7



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPT-SMD 1,5/ 2-H-5,08 R24	1824857	300	9.08
3	SPT-SMD 1,5/ 3-H-5,08 R32	1824860	300	14.16
4	SPT-SMD 1,5/ 4-H-5,08 R44	1824873	300	19.24
5	SPT-SMD 1,5/ 5-H-5,08 R44	1824885	300	24.32
6	SPT-SMD 1,5/ 6-H-5,08 R44	1824899	300	29.4
7	SPT-SMD 1,5/ 7-H-5,08 R88	1824909	300	34.48
8	SPT-SMD 1,5/ 8-H-5,08 R88	1824912	300	39.56
9	SPT-SMD 1,5/ 9-H-5,08 R88	1824925	300	44.64
10	SPT-SMD 1,5/10-H-5,08 R88	1824938	300	49.72
11	SPT-SMD 1,5/11-H-5,08 R88	1824941	300	54.8
12	SPT-SMD 1,5/12-H-5,08 R88	1824954	300	59.88



Technical data

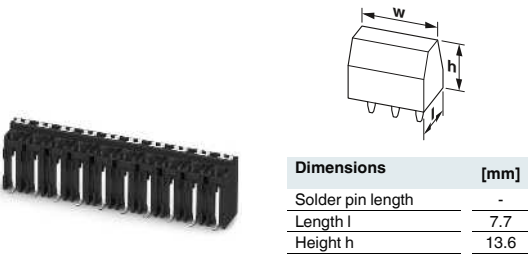
Connection capacity	
Solid / stranded	[mm ²] 0.2 - 1.5 / 0.2 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²] 0.2 - 1.5
Stranded with ferrules with plastic sleeve	[mm ²] 0.2 - 0.75
2 conductors with same cross section solid / stranded	[mm ²] - / -
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²] -
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²] -
Conductor cross section AWG/kcmil	24 - 16
Stripping length	[mm] 8
Tightening torque	[Nm] -
Electrical parameters	
Rated current / conductor cross section	[A] / [mm ²] 13.5 / 1.5
Surge voltage category/degree of pollution	III/3 III / 2 II / 2
Rated insulation voltage	[V] 250 320 500
Rated surge voltage	[kV] 4 4 4
Approval data (UL/CUL)	
Use Group	B C D
Nominal voltage/current	[V] / [A] 300 / 10 - 300 / 10
AWG	24-16 - 24-16
General data	
Type of insulation material / insulation material group	LCP / IIIa
Inflammability class in acc. with UL 94	V0

PCB terminal blocks

Conductor cross section up to 1.5 mm² (AWG 16)

Printed circuit board terminal, Push-in spring connection, Pitch: 5 mm

SPT 1,5/...-V-SMD, Linear pad geometry



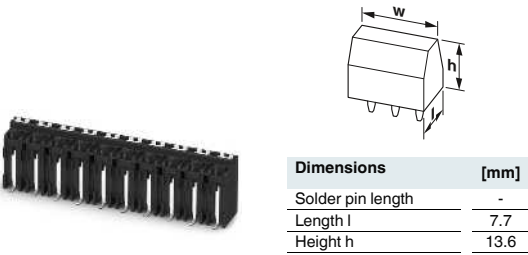
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPT-SMD 1,5/ 2-V-5,0 R24	1824307	200	9
3	SPT-SMD 1,5/ 3-V-5,0 R32	1824310	200	14
4	SPT-SMD 1,5/ 4-V-5,0 R44	1824323	200	19
5	SPT-SMD 1,5/ 5-V-5,0 R44	1824336	200	24
6	SPT-SMD 1,5/ 6-V-5,0 R44	1824349	200	29
7	SPT-SMD 1,5/ 7-V-5,0 R88	1824352	200	34
8	SPT-SMD 1,5/ 8-V-5,0 R88	1824365	200	39
9	SPT-SMD 1,5/ 9-V-5,0 R88	1824378	200	44
10	SPT-SMD 1,5/10-V-5,0 R88	1824381	200	49
11	SPT-SMD 1,5/11-V-5,0 R88	1824394	200	54
12	SPT-SMD 1,5/12-V-5,0 R88	1824404	200	59



Technical data			
Connection capacity			
Solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.2 - 1.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.2 - 0.75	
2 conductors with same cross section solid / stranded	[mm²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-	
Conductor cross section AWG/kcmil		24 - 16	
Stripping length	[mm]	8	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	13.5 / 1.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	250	320 500
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		24-16	- 24-16
General data			
Type of insulation material / insulation material group		LCP / IIIa	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Push-in spring connection, Pitch: 5.08 mm

SPT 1,5/...-V-SMD, Linear pad geometry



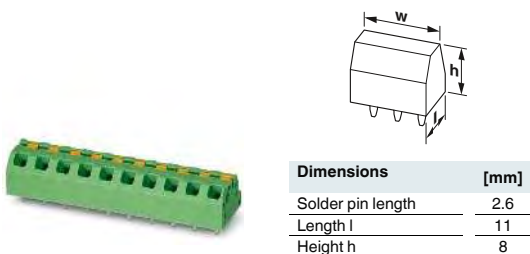
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPT-SMD 1,5/ 2-V-5,08 R24	1824417	200	9.08
3	SPT-SMD 1,5/ 3-V-5,08 R32	1824420	200	14.16
4	SPT-SMD 1,5/ 4-V-5,08 R44	1824433	200	19.24
5	SPT-SMD 1,5/ 5-V-5,08 R44	1824446	200	24.32
6	SPT-SMD 1,5/ 6-V-5,08 R44	1824459	200	29.4
7	SPT-SMD 1,5/ 7-V-5,08 R88	1824462	200	34.48
8	SPT-SMD 1,5/ 8-V-5,08 R88	1824475	200	39.56
9	SPT-SMD 1,5/ 9-V-5,08 R88	1824488	200	44.64
10	SPT-SMD 1,5/10-V-5,08 R88	1824491	200	49.72
11	SPT-SMD 1,5/11-V-5,08 R88	1824501	200	54.8
12	SPT-SMD 1,5/12-V-5,08 R88	1824514	200	59.88



Technical data			
Connection capacity			
Solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.2 - 1.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.2 - 0.75	
2 conductors with same cross section solid / stranded	[mm²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-	
Conductor cross section AWG/kcmil		24 - 16	
Stripping length	[mm]	8	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	13.5 / 1.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	250	320 500
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		24-16	- 24-16
General data			
Type of insulation material / insulation material group		LCP / IIIa	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Push-in spring connection, Pitch: 5 mm

SPTAF 1/...-IL, Linear double pinning



Dimensions	[mm]
Solder pin length	2.6
Length l	11
Height h	8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPTAF 1/ 2-5,0-IL	1862275	180	10
3	SPTAF 1/ 3-5,0-IL	1862288	125	15
4	SPTAF 1/ 4-5,0-IL	1862291	80	20
5	SPTAF 1/ 5-5,0-IL	1862301	70	25
6	SPTAF 1/ 6-5,0-IL	1862314	55	30
7	SPTAF 1/ 7-5,0-IL	1862327	80	35
8	SPTAF 1/ 8-5,0-IL	1862330	80	40
9	SPTAF 1/ 9-5,0-IL	1862343	80	45
10	SPTAF 1/10-5,0-IL	1862356	50	50
11	SPTAF 1/11-5,0-IL	1862369	50	55
12	SPTAF 1/12-5,0-IL	1862372	50	60
13	SPTAF 1/13-5,0-IL	1862385	50	65
14	SPTAF 1/14-5,0-IL	1862398	20	70
15	SPTAF 1/15-5,0-IL	1862408	20	75
16	SPTAF 1/16-5,0-IL	1862563	20	80

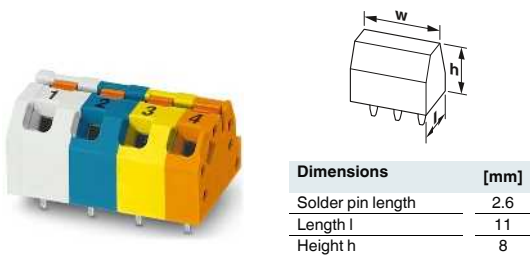


Technical data

Connection capacity		
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 0.75
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.75
2 conductors with same cross section solid / stranded	[mm ²]	- / -
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-
Conductor cross section AWG/kcmil		24 - 16
Stripping length	[mm]	8
Tightening torque	[Nm]	-
Electrical parameters		
Rated current / conductor cross section	[A] / [mm ²]	16 / 1.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	250 320 630
Rated surge voltage	[kV]	4 4 4
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 8 - 300 / 8
AWG		24-16 - 24-16
General data		
Type of insulation material / insulation material group		PA / I
Inflammability class in acc. with UL 94		V0

Printed circuit board terminal, Push-in spring connection, Pitch: 5 mm

SPTAF 1/...-IL PROFINET, Linear double pinning



Dimensions	[mm]
Solder pin length	2.6
Length l	11
Height h	8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
4	SPTAF 1/ 4-5,0-IL PROFINET 3	1050669	80	20



Technical data

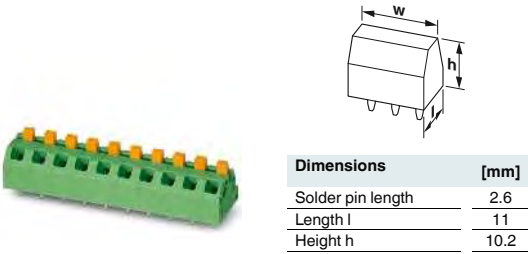
Connection capacity		
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 0.75
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.75
2 conductors with same cross section solid / stranded	[mm ²]	- / -
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-
Conductor cross section AWG/kcmil		24 - 16
Stripping length	[mm]	8
Tightening torque	[Nm]	-
Electrical parameters		
Rated current / conductor cross section	[A] / [mm ²]	16 / 1.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	250 320 630
Rated surge voltage	[kV]	4 4 4
General data		
Type of insulation material / insulation material group		PA / I
Inflammability class in acc. with UL 94		V0

PCB terminal blocks

Conductor cross section up to 1.5 mm² (AWG 16)

Printed circuit board terminal, Push-in spring connection, Pitch: 5 mm

SPTAF 1/..-EL, Linear double pinning



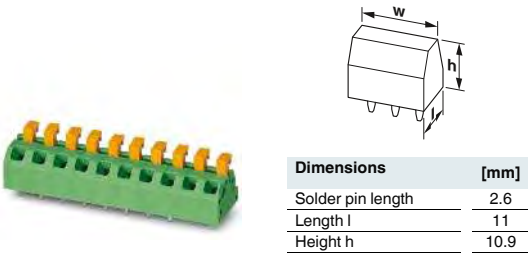
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPTAF 1/ 2-5,0-EL	1862411	165	10
3	SPTAF 1/ 3-5,0-EL	1862424	100	15
4	SPTAF 1/ 4-5,0-EL	1862437	75	20
5	SPTAF 1/ 5-5,0-EL	1862440	65	25
6	SPTAF 1/ 6-5,0-EL	1862453	50	30
7	SPTAF 1/ 7-5,0-EL	1862466	70	35
8	SPTAF 1/ 8-5,0-EL	1862479	70	40
9	SPTAF 1/ 9-5,0-EL	1862482	70	45
10	SPTAF 1/10-5,0-EL	1862495	50	50
11	SPTAF 1/11-5,0-EL	1862505	50	55
12	SPTAF 1/12-5,0-EL	1862518	50	60
13	SPTAF 1/13-5,0-EL	1862521	50	65
14	SPTAF 1/14-5,0-EL	1862534	20	70
15	SPTAF 1/15-5,0-EL	1862547	20	75
16	SPTAF 1/16-5,0-EL	1862550	20	80



Technical data			
Connection capacity			
Solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 0.75	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 0.75	
2 conductors with same cross section solid / stranded	[mm²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-	
Conductor cross section AWG/kcmil		24 - 16	
Stripping length	[mm]	8	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	16 / 1.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	250	320 630
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 8	- 300 / 8
AWG		24-16	- 24-16
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Push-in spring connection, Pitch: 5 mm

SPTAF 1/..-LL, Linear double pinning



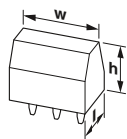
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPTAF 1/ 2-5,0-LL	1864435	165	10
3	SPTAF 1/ 3-5,0-LL	1864448	100	15
4	SPTAF 1/ 4-5,0-LL	1864451	75	20
5	SPTAF 1/ 5-5,0-LL	1864464	65	25
6	SPTAF 1/ 6-5,0-LL	1864477	50	30
7	SPTAF 1/ 7-5,0-LL	1864480	70	35
8	SPTAF 1/ 8-5,0-LL	1864493	70	40
9	SPTAF 1/ 9-5,0-LL	1864503	70	45
10	SPTAF 1/10-5,0-LL	1864516	50	50
11	SPTAF 1/11-5,0-LL	1864529	50	55
12	SPTAF 1/12-5,0-LL	1864532	50	60
13	SPTAF 1/13-5,0-LL	1864545	50	65
14	SPTAF 1/14-5,0-LL	1864558	20	70
15	SPTAF 1/15-5,0-LL	1864561	20	75
16	SPTAF 1/16-5,0-LL	1864574	20	80



Technical data			
Connection capacity			
Solid / stranded	[mm²]	0.2 - 0.75 / 0.2 - 1	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 0.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 0.5	
2 conductors with same cross section solid / stranded	[mm²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-	
Conductor cross section AWG/kcmil		24 - 18	
Stripping length	[mm]	8	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	13.5 / 0.75	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	250	320 630
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 8	- 300 / 8
AWG		24-18	- 24-18
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Push-in spring connection, Pitch: 5 mm

SPTA 1/, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	10
Height h	12.4



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPTA 1/ 2-5,0	1752214	100	9.1
3	SPTA 1/ 3-5,0	1752227	100	14.1
4	SPTA 1/ 4-5,0	1752230	50	19.1
5	SPTA 1/ 5-5,0	1752243	50	24.1
6	SPTA 1/ 6-5,0	1752256	50	29.1
7	SPTA 1/ 7-5,0	1752269	50	34.1
8	SPTA 1/ 8-5,0	1752272	50	39.1
9	SPTA 1/ 9-5,0	1752285	50	44.1
10	SPTA 1/10-5,0	1752298	50	49.1
11	SPTA 1/11-5,0	1752308	50	54.1
12	SPTA 1/12-5,0	1752311	50	59.1

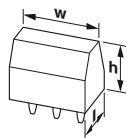


Technical data

Connection capacity		
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 0.75
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.75
2 conductors with same cross section solid / stranded	[mm ²]	- / -
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-
Conductor cross section AWG/kcmil		24 - 16
Stripping length	[mm]	8
Tightening torque	[Nm]	-
Electrical parameters		
Rated current / conductor cross section	[A] / [mm ²]	9 / 1.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	250 320 630
Rated surge voltage	[kV]	4 4 4
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 10 - 300 / 10
AWG		26-16 - 26-16
General data		
Type of insulation material / insulation material group		PA / I
Inflammability class in acc. with UL 94		V0

Printed circuit board terminal, Push-in spring connection, Pitch: 5.08 mm

SPTA 1,5/, Linear double pinning



Dimensions	[mm]
Solder pin length	3.4
Length l	12
Height h	12



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPTA 1,5/ 2-5,08	1751163	100	10.39
3	SPTA 1,5/ 3-5,08	1744442	100	15.47
4	SPTA 1,5/ 4-5,08	1751189	50	20.55
5	SPTA 1,5/ 5-5,08	1751192	50	25.63
6	SPTA 1,5/ 6-5,08	1751202	50	30.71
7	SPTA 1,5/ 7-5,08	1751215	50	35.79
8	SPTA 1,5/ 8-5,08	1751228	50	40.87
9	SPTA 1,5/ 9-5,08	1751231	50	45.95
10	SPTA 1,5/10-5,08	1751244	50	51.03
11	SPTA 1,5/11-5,08	1751257	50	56.11
12	SPTA 1,5/12-5,08	1751464	50	61.19



Technical data

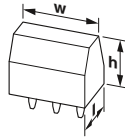
Connection capacity		
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5
2 conductors with same cross section solid / stranded	[mm ²]	- / -
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-
Conductor cross section AWG/kcmil		24 - 16
Stripping length	[mm]	10
Tightening torque	[Nm]	-
Electrical parameters		
Rated current / conductor cross section	[A] / [mm ²]	9 / 1.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	250 320 630
Rated surge voltage	[kV]	4 4 4
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 10 - 300 / 10
AWG		26-16 - 26-16
General data		
Type of insulation material / insulation material group		PA / I
Inflammability class in acc. with UL 94		V0

PCB terminal blocks

Conductor cross section up to 1.5 mm² (AWG 16)

Printed circuit board terminal, Push-in spring connection, Pitch: 5.08 mm

MFKDSP, linear double pinning



Dimensions	[mm]
Solder pin length	3.3
Length l	16.2
Height h	12.92



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MFKDSP/ 2-5,08	1790283	50	10.16
3	MFKDSP/ 3-5,08	1790296	50	15.24
4	MFKDSP/ 4-5,08	1790649	50	20.32
5	MFKDSP/ 5-5,08	1906776	50	25.4
6	MFKDSP/ 6-5,08	1791884	50	30.48
7	MFKDSP/ 7-5,08	1791693	50	35.56

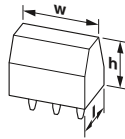


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 0.75	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 0.75	
2 conductors with same cross section solid / stranded	[mm²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-	
Conductor cross section AWG/kcmil		24 - 16	
Stripping length	[mm]	10	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	12 / 1.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	250	320 630
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 3.6	- 300 / 3.6
AWG		22-18	- 22-18
Approval data (CSA)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		22-18	- 22-18
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Push-in spring connection, Pitch: 5.08 mm

FFKDSA(H)/H1, Linear double pinning



Dimensions	[mm]
Solder pin length	3.4
Length l	13.65
Height h	12.75



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FFKDSA1/H1-5,08- 2	1780808	50	12.7
3	FFKDSA1/H1-5,08- 3	1907348	50	17.74
4	FFKDSA1/H1-5,08- 4	1791282	50	22.86
5	FFKDSA1/H1-5,08- 5	1791295	50	27.94
6	FFKDSA1/H1-5,08- 6	1991383	50	33.02
8	FFKDSA1/H1-5,08- 8	1890358	50	43.18
9	FFKDSA1/H1-5,08- 9	1991396	50	48.26
10	FFKDSA1/H1-5,08-10	1890950	50	53.34
12	FFKDSA1/H1-5,08-12	1932708	50	63.5
15	FFKDSA1/H1-5,08-15	1700473	50	78.74
16	FFKDSA1/H1-5,08-16	1906417	50	83.78

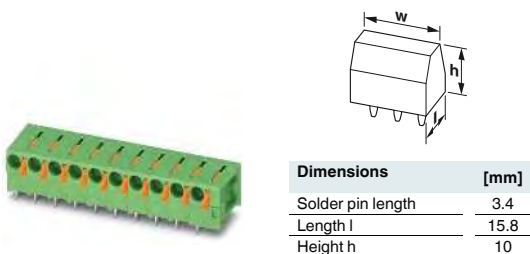


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 0.75	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 0.75	
2 conductors with same cross section solid / stranded	[mm²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-	
Conductor cross section AWG/kcmil		24 - 16	
Stripping length	[mm]	10	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	15 / 1.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	250	320 630
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		22-16	- 22-16
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Push-in spring connection, Pitch: 5.08 mm

FFKDSA(H)/H2, Linear double pinning



Dimensions	[mm]
Solder pin length	3.4
Length l	15.8
Height h	10



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FFKDSA1/H2-5,08- 2	1700486	50	10.16
3	FFKDSA1/H2-5,08- 3	1700499	50	15.24
4	FFKDSA1/H2-5,08- 4	1700509	50	20.32
5	FFKDSA1/H2-5,08- 5	1700512	50	25.4
7	FFKDSA1/H2-5,08- 7	1700538	50	35.56

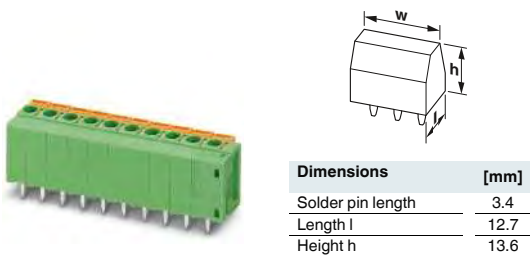


Technical data

Connection capacity		
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 0.75
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.75
2 conductors with same cross section solid / stranded	[mm ²]	- / -
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-
Conductor cross section AWG/kcmil		24 - 16
Stripping length	[mm]	10
Tightening torque	[Nm]	-
Electrical parameters		
Rated current / conductor cross section	[A] / [mm ²]	15 / 1.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	250 320 630
Rated surge voltage	[kV]	4 4 4
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 10 - 300 / 10
AWG		22-16 - 22-16
General data		
Type of insulation material / insulation material group		PA / I
Inflammability class in acc. with UL 94		V0

Printed circuit board terminal, Push-in spring connection, Pitch: 5.08 mm

FFKDSA(A)/V1, Linear pinning



Dimensions	[mm]
Solder pin length	3.4
Length l	12.7
Height h	13.6



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FFKDSA1/V1-5,08- 2	1789210	50	12.66
3	FFKDSA1/V1-5,08- 3	1704376	50	17.74
4	FFKDSA1/V1-5,08- 4	1789113	50	22.82
5	FFKDSA1/V1-5,08- 5	1751565	50	27.94
6	FFKDSA1/V1-5,08- 6	1780662	50	32.98
8	FFKDSA1/V1-5,08- 8	1791790	50	43.14
9	FFKDSA1/V1-5,08- 9	1751578	50	48.22
10	FFKDSA1/V1-5,08-10	1751581	50	53.3
12	FFKDSA1/V1-5,08-12	1751594	50	63.46
13	FFKDSA1/V1-5,08-13	1700635	50	68.54
14	FFKDSA1/V1-5,08-14	1751604	50	73.62
14	FFKDSA1/V1-5,08-14	1751604	50	73.62
16	FFKDSA1/V1-5,08-16	1868623	50	83.78



Technical data

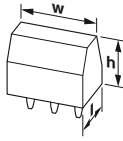
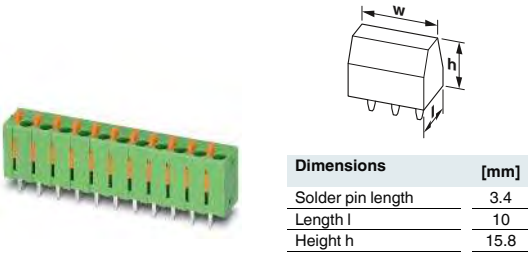
Connection capacity		
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 0.75
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.75
2 conductors with same cross section solid / stranded	[mm ²]	- / -
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-
Conductor cross section AWG/kcmil		24 - 16
Stripping length	[mm]	10
Tightening torque	[Nm]	-
Electrical parameters		
Rated current / conductor cross section	[A] / [mm ²]	15 / 1.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	320 320 630
Rated surge voltage	[kV]	4 4 4
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 10 - 300 / 10
AWG		22-16 - 22-16
General data		
Type of insulation material / insulation material group		PA / I
Inflammability class in acc. with UL 94		V0

PCB terminal blocks

Conductor cross section up to 1.5 mm² (AWG 16)

Printed circuit board terminal, Push-in spring connection, Pitch: 5.08 mm

FFKDS(A)/V2, Linear double pinning



Dimensions	[mm]
Solder pin length	3.4
Length l	10
Height h	15.8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FFKDSA1/V2-5,08- 2	1986592	50	12.7
3	FFKDSA1/V2-5,08- 3	1890167	50	17.78
4	FFKDSA1/V2-5,08- 4	1700651	50	22.86
8	FFKDSA1/V2-5,08- 8	1700677	100	43.18
16	FFKDSA1/ V2-5,08-16	1930771	50	83.82

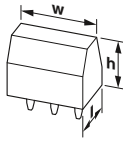
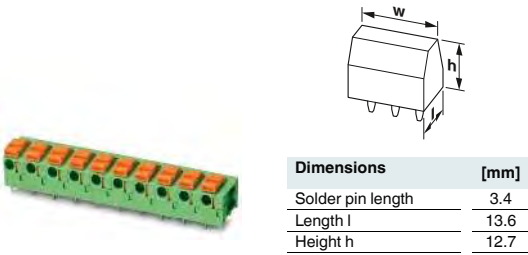


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 0.75	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 0.75	
2 conductors with same cross section solid / stranded	[mm²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-	
Conductor cross section AWG/kcmil		24 - 16	
Stripping length	[mm]	10	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	15 / 1.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	320	320 630
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		22-16	- 22-16
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Push-in spring connection, Pitch: 7.62 mm

FFKDS(A)/H1, Linear double pinning



Dimensions	[mm]
Solder pin length	3.4
Length l	13.6
Height h	12.7



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FFKDSA1/H1-7,62- 2	1700758	50	15.24
2	FFKDSA1/H1-7,62- 2	1700758	50	15.24
3	FFKDSA1/H1-7,62- 3	1700761	50	22.86
4	FFKDSA1/H1-7,62- 4	1929973	50	30.48
5	FFKDSA1/H1-7,62- 5	1929740	50	38.1

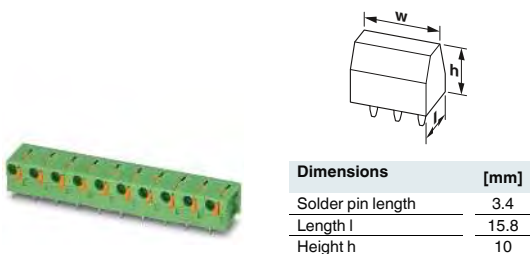


Technical data

Connection capacity			
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5	
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 0.75	
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.75	
2 conductors with same cross section solid / stranded	[mm ²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-	
Conductor cross section AWG/kcmil		24 - 16	
Stripping length	[mm]	10	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	17.5 / 1.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	400	630 1000
Rated surge voltage	[kV]	6	6 6
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		22-16	- 22-16
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Push-in spring connection, Pitch: 7.62 mm

FFKDSA(H)/H2, Linear double pinning



Dimensions	[mm]
Solder pin length	3.4
Length l	15.8
Height h	10



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
3	FFKDSA1/H2-7,62- 3	1700790	50	22.86
4	FFKDSA1/H2-7,62- 4	1700800	50	30.48

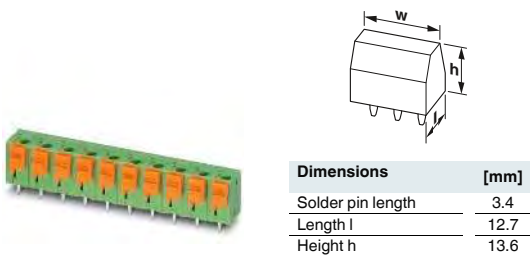


Technical data

Connection capacity				
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 0.75		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.75		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		24 - 16		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	17.5 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	400	630	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		22-16	-	22-16
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Printed circuit board terminal, Push-in spring connection, Pitch: 7.62 mm

FFKDSA(A)/V1, Linear double pinning



Dimensions	[mm]
Solder pin length	3.4
Length l	12.7
Height h	13.6



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FFKDSA1/V1-7,62- 2	1891399	50	15.24
3	FFKDSA1/V1-7,62- 3	1780549	50	22.86
4	FFKDSA1/V1-7,62- 4	1700855	50	30.48
5	FFKDSA1/V1-7,62- 5	1868115	50	38.1
8	FFKDSA1/V1-7,62- 8	1700884	50	60.96



Technical data

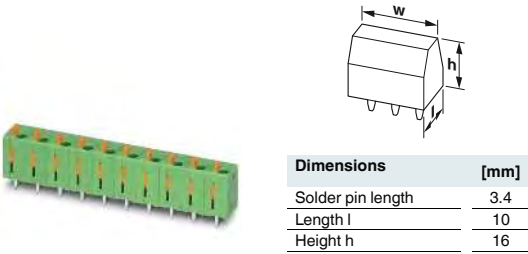
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 0.75		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.75		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		24 - 16		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	17.5 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	500	630	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		22-16	-	22-16
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB terminal blocks

Conductor cross section up to 1.5 mm² (AWG 16)

Printed circuit board terminal, Push-in spring connection, Pitch: 7.62 mm

FFKDS(A)/V2, Linear double pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FFKDSA1/V2-7,62- 2	1700897	50	7.62
3	FFKDSA1/V2-7,62- 3	1700907	50	15.24

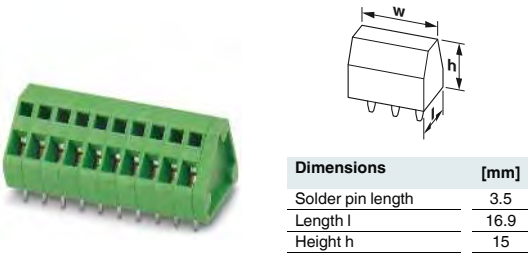


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 0.75	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 0.75	
2 conductors with same cross section solid / stranded	[mm²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-	
Conductor cross section AWG/kcmil		24 - 16	
Stripping length	[mm]	10	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	17.5 / 1.5	
Surge voltage category/degree of pollution		III / 3	III / 2 II / 2
Rated insulation voltage	[V]	500	630 1000
Rated surge voltage	[kV]	6	6 6
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		22-16	- 22-16
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Spring-cage connection, Pitch: 3.81 mm

ZFKDS(A) 1, Linear double pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	ZFKDSA 1-3,81- 2	1889770	50	7.62
4	ZFKDSA 1-3,81- 4	1889783	50	15.24
8	ZFKDSA 1-3,81- 8	1889796	50	30.48
10	ZFKDSA 1-3,81-10	1986576	50	38.1
12	ZFKDSA 1-3,81-12	1932876	50	45.72
16	ZFKDSA 1-3,81-16	1932889	50	60.96

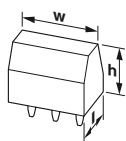


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.14 - 1.5 / 0.14 - 1	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 0.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 0.5	
2 conductors with same cross section solid / stranded	[mm²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-	
Conductor cross section AWG/kcmil		26 - 16	
Stripping length	[mm]	7.5	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	12 / 1.5	
Surge voltage category/degree of pollution		III / 3	III / 2 II / 2
Rated insulation voltage	[V]	200	200 400
Rated surge voltage	[kV]	2.5	2.5 2.5
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	-	- -
AWG		-	- -
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Spring-cage connection, Pitch: 3.81 mm

ZFKDSA(A) 1-W, Linear double pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	17.5
Height h	16

ERC

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	ZFKDSA 1-W-3,81- 2	1704498	50	10.66
3	ZFKDSA 1-W-3,81- 3	1706955	50	14.47
4	ZFKDSA 1-W-3,81- 4	1702956	50	18.28
6	ZFKDSA 1-W-3,81- 6	1704646	50	26.4
9	ZFKDSA 1-W-3,81- 9	1747944	50	37.33
10	ZFKDSA 1-W-3,81-10	1747957	50	41.14
13	ZFKDSA 1-W-3,81-13	1747960	50	52.57

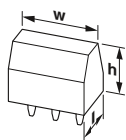


Technical data

Connection capacity			
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1	
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 0.5	
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.5	
2 conductors with same cross section solid / stranded	[mm ²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-	
Conductor cross section AWG/kcmil		26 - 16	
Stripping length	[mm]	7.5	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	12 / 1.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	160	200 400
Rated surge voltage	[kV]	2.5	2.5 2.5
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Spring-cage connection, Pitch: 5 mm

ZFKDSA(A) 1,5C, Linear double pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	14.1
Height h	12.75

ERC

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	ZFKDSA 1,5C-5,0- 2	1933998	50	6
3	ZFKDSA 1,5C-5,0- 3	1933969	50	11
4	ZFKDSA 1,5C-5,0- 4	1933972	50	16
5	ZFKDSA 1,5C-5,0- 5	1988451	50	21
6	ZFKDSA 1,5C-5,0- 6	1933985	50	26
8	ZFKDSA 1,5C-5,0- 8	1988477	50	36
10	ZFKDSA 1,5C-5,0-10	1988574	50	41
12	ZFKDSA 1,5C-5,0-12	1729292	50	61
15	ZFKDSA 1,5C-5,0-15	1989188	50	76



Technical data

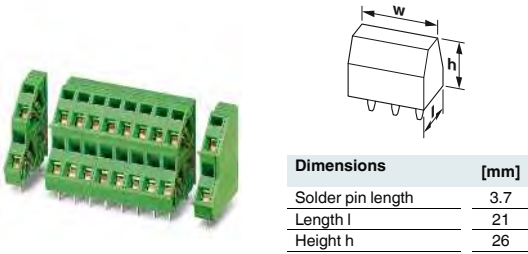
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		24 - 14		
Stripping length	[mm]	7		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	16 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	400	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	250 / 10	-	300 / 10
AWG		26-12	-	26-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB terminal blocks

Conductor cross section up to 1.5 mm² (AWG 16)

Printed circuit board terminal, Spring-cage connection, Pitch: 5 mm

ZFKKDS(A) 1,5C, Linear pinning



Dimensions	[mm]
Solder pin length	3.7
Length l	21
Height h	26



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	ZFKKDS 1,5C-5,0	1889301	50	5

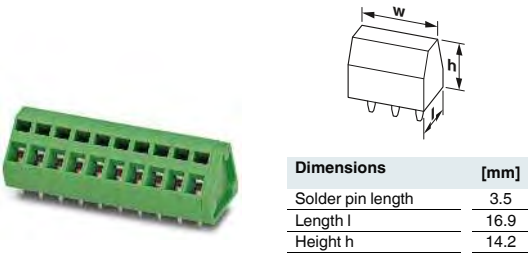


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 1.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 1.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 1.5	
2 conductors with same cross section solid / stranded	[mm²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-	
Conductor cross section AWG/kcmil		24 - 14	
Stripping length	[mm]	7	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	16 / 2.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	250	400 630
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	250 / 10	- 300 / 10
AWG		26-12	- 26-12
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Spring-cage connection, Pitch: 5.08 mm

ZFKDSA(A) 1,5, Linear double pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	16.9
Height h	14.2



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	ZFKDSA 1,5-5,08- 2	1891519	50	12.7
3	ZFKDSA 1,5-5,08- 3	1891506	50	17.78
4	ZFKDSA 1,5-5,08- 4	1891496	50	22.86
5	ZFKDSA 1,5-5,08- 5	1995512	50	27.94
6	ZFKDSA 1,5-5,08- 6	1905971	50	33.02
8	ZFKDSA 1,5-5,08- 8	1891250	50	43.18
9	ZFKDSA 1,5-5,08- 9	1890853	50	48.26
10	ZFKDSA 1,5-5,08-10	1906226	10	53.34
11	ZFKDSA 1,5-5,08-11	1906239	10	58.42
12	ZFKDSA 1,5-5,08-12	1905984	10	63.5
16	ZFKDSA 1,5-5,08-16	1870695	10	83.82

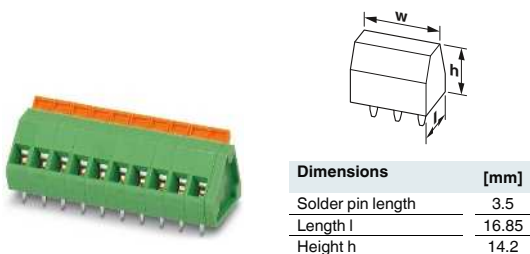


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 1.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 1.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 1.5	
2 conductors with same cross section solid / stranded	[mm²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-	
Conductor cross section AWG/kcmil		24 - 14	
Stripping length	[mm]	7.5	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	16 / 2.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	250	400 630
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	250 / 10	- 300 / 10
AWG		26-12	- 26-12
Approval data (CSA)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		28-12	- 28-12
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Spring-cage connection, Pitch: 5.08 mm

ZFKDSA(A) 1,5-W, Linear double pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	16.85
Height h	14.2



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	ZFKDSA 1,5-W-5,08- 2	1890743	50	10.16
3	ZFKDSA 1,5-W-5,08- 3	1904558	50	15.21
4	ZFKDSA 1,5-W-5,08- 4	1906268	50	20.32
5	ZFKDSA 1,5-W-5,08- 5	1753802	50	25.4
6	ZFKDSA 1,5-W-5,08- 6	1929083	50	30.48
7	ZFKDSA 1,5-W-5,08- 7	1753815	50	40.64
9	ZFKDSA 1,5-W-5,08- 9	1756896	50	45.72
10	ZFKDSA 1,5-W-5,08-10	1891454	10	50.8
11	ZFKDSA 1,5-W-5,08-11	1706858	50	55.88
12	ZFKDSA 1,5-W-5,08-12	1706977	50	60.96

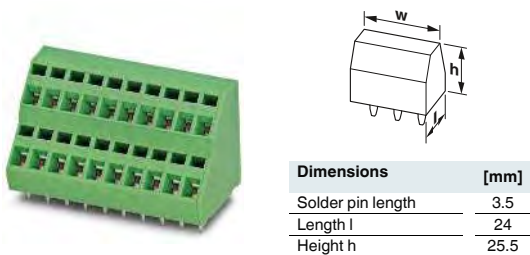


Technical data

Connection capacity		
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5
2 conductors with same cross section solid / stranded	[mm ²]	- / -
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-
Conductor cross section AWG/kcmil		24 - 14
Stripping length	[mm]	7.5
Tightening torque	[Nm]	-
Electrical parameters		
Rated current / conductor cross section	[A] / [mm ²]	16 / 2.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	250 400 630
Rated surge voltage	[kV]	4 4 4
Approval data (CSA)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 10 - 300 / 10
AWG		28-12 - 28-12
General data		
Type of insulation material / insulation material group		PA / I
Inflammability class in acc. with UL 94		V0

Printed circuit board terminal, Spring-cage connection, Pitch: 5.08 mm

ZFKKDSA(A) 1,5, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	24
Height h	25.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	ZFKKDSA 1,5-5,08- 2	1891522	50	11.16
4	ZFKKDSA 1,5-5,08- 4	1891027	50	21.32
5	ZFKKDSA 1,5-5,08- 5	1891742	25	26.4
6	ZFKKDSA 1,5-5,08- 6	1888852	25	31.48
8	ZFKKDSA 1,5-5,08- 8	1891030	10	41.64
9	ZFKKDSA 1,5-5,08- 9	1891331	10	46.72
12	ZFKKDSA 1,5-5,08-12	1891768	10	61.96
16	ZFKKDSA 1,5-5,08-16	1891755	10	82.28



Technical data

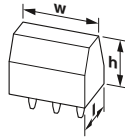
Connection capacity		
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5
2 conductors with same cross section solid / stranded	[mm ²]	- / -
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-
Conductor cross section AWG/kcmil		24 - 14
Stripping length	[mm]	7.5
Tightening torque	[Nm]	-
Electrical parameters		
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	250 400 630
Rated surge voltage	[kV]	4 4 4
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	250 / 10 - 300 / 10
AWG		26-12 - 26-12
Approval data (CSA)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 10 - 300 / 10
AWG		28-12 - 28-12
General data		
Type of insulation material / insulation material group		PA / I
Inflammability class in acc. with UL 94		V0

PCB terminal blocks

Conductor cross section up to 1.5 mm² (AWG 16)

Printed circuit board terminal, Spring-cage connection, Pitch: 5.08 mm

ZFK3DSA(A) 1,5, Linear pinning



Dimensions	[mm]
Solder pin length	3.4
Length l	32.2
Height h	36.6



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	ZFK3DSA 1,5-5,08- 2	1891292	50	11.16
3	ZFK3DSA 1,5-5,08- 3	1891014	50	16.24
4	ZFK3DSA 1,5-5,08- 4	1891315	50	21.32
5	ZFK3DSA 1,5-5,08- 5	1891302	50	26.4
8	ZFK3DSA 1,5-5,08- 8	1891276	10	41.64
12	ZFK3DSA 1,5-5,08-12	1991671	10	61.96
15	ZFK3DSA 1,5-5,08-15	1934683	10	77.2
16	ZFK3DSA 1,5-5,08-16	1991684	10	82.28

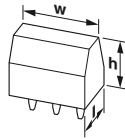


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 1.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 1.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 1.5	
2 conductors with same cross section solid / stranded	[mm²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-	
Conductor cross section AWG/kcmil		24 - 14	
Stripping length	[mm]	7.5	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	250	400 630
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	250 / 10	- 300 / 10
AWG		26-12	- 26-12
Approval data (CSA)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		28-12	- 28-12
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Spring-cage connection, Pitch: 5.08 mm

ZFK4DSA(A) 1,5, Linear pinning



Dimensions	[mm]
Solder pin length	3.4
Length l	42.4
Height h	47.8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	ZFK4DSA 1,5-5,08- 2	1705666	50	11.16

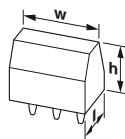


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 1.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 1.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 1.5	
2 conductors with same cross section solid / stranded	[mm²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-	
Conductor cross section AWG/kcmil		24 - 14	
Stripping length	[mm]	7.5	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	250	400 630
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	250 / 10	- 300 / 10
AWG		26-12	- 26-12
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Spring-cage connection, Pitch: 5 mm

ZFKDS(A) 1,5C-EX, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	14.1
Height h	13

Ex: EAC Ex

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	ZFKDS 1,5C-5,0-EX	1732111	50	5
1	ZFKDSA 1,5C-6,0-EX	1732124	50	5

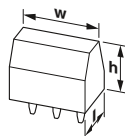


Technical data

Ex marking	0344 Ex II 2G / Ex eb IIC Gb
Examination certificate	PTB 06ATEX1073 U
IECEX certificate	IECEX PTB 06.0096.U
Connection capacity	
Solid / stranded	[mm²] 0.2 - 2.5 / 0.2 - 1.5
Solid / stranded	AWG 24 - 14 / 24 - 16
Stripping length	[mm] 7
Tightening torque clamping space	[Nm] -
Electrical parameters	
Rated current / conductor cross section	[A] / [mm²] - / -
Rated voltage	[V] 176
General data	
Type of insulation material / insulation material group	PA / I
Inflammability class in acc. with UL 94	V0

Printed circuit board terminal, Spring-cage connection, Pitch: 5 mm

ZFKDS(A) 1,5C-EX PROFINET, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	14.1
Height h	12.75

Ex:

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
4	ZFKDSA 1,5C-5,0- 4-EXPROFINET1	1033571	50	21
4	ZFKDSA 1,5C-5,0- 4-EXPROFINET2	1033604	50	21



Technical data

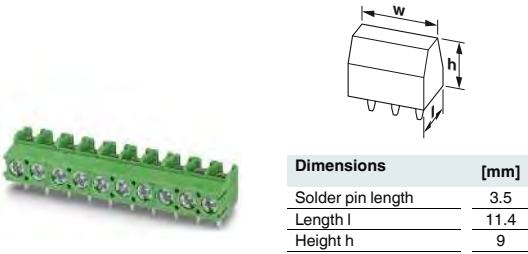
Ex marking	0344 Ex II 2G / Ex eb IIC Gb
Examination certificate	PTB 06ATEX1073 U
IECEX certificate	IECEX PTB 06.0096.U
Connection capacity	
Solid / stranded	[mm²] 0.2 - 2.5 / 0.2 - 1.5
Solid / stranded	AWG 24 - 14 / 24 - 16
Stripping length	[mm] 7
Tightening torque clamping space	[Nm] -
Electrical parameters	
Rated current / conductor cross section	[A] / [mm²] - / -
Rated voltage	[V] 176
General data	
Type of insulation material / insulation material group	PA / I
Inflammability class in acc. with UL 94	V0

PCB terminal blocks

Conductor cross section up to 2.5 mm² (AWG 14)

Printed circuit board terminal, Screw connection with wire protector, Pitch: 5 mm

PT 1,5/-V, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	11.4
Height h	9



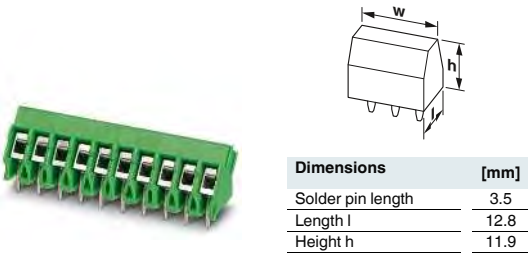
Technical data

Connection capacity			
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5	
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5	
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5	
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 0.75 / 0.2 - 0.75	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.34	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 0.75	
Conductor cross section AWG/kcmil		26 - 14	
Stripping length	[mm]	5	
Tightening torque	[Nm]	0.35 - 0.4 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	17.5 / 2.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	250	400 630
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 18	- 300 / 10
AWG		26-12	- 26-12
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PT 1,5/ 2-5,0-V	1935310	250	10
3	PT 1,5/ 3-5,0-V	1935323	250	15
4	PT 1,5/ 4-5,0-V	1935336	250	20
5	PT 1,5/ 5-5,0-V	1935349	100	25
6	PT 1,5/ 6-5,0-V	1935352	100	30
7	PT 1,5/ 7-5,0-V	1935365	100	35
8	PT 1,5/ 8-5,0-V	1935378	100	40
9	PT 1,5/ 9-5,0-V	1935381	100	45
10	PT 1,5/10-5,0-V	1935394	100	50
11	PT 1,5/11-5,0-V	1935404	50	55
12	PT 1,5/12-5,0-V	1935417	50	60
13	PT 1,5/13-5,0-V	1935420	50	65
14	PT 1,5/14-5,0-V	1935433	50	70
15	PT 1,5/15-5,0-V	1935446	50	75
16	PT 1,5/16-5,0-V	1935459	50	80

Printed circuit board terminal, Screw connection with wire protector, Pitch: 5 mm

PTA 1,5, Linear front pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	12.8
Height h	11.9



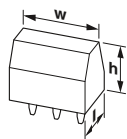
Technical data

Connection capacity			
Solid / stranded	[mm²]	0.14 - 2.5 / 0.14 - 2.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 1.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 1.5	
2 conductors with same cross section solid / stranded	[mm²]	0.14 - 1 / 0.14 - 0.75	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 0.34	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.25 - 0.75	
Conductor cross section AWG/kcmil		26 - 14	
Stripping length	[mm]	5	
Tightening torque	[Nm]	0.35 - 0.4 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	17.5 / 2.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	250	400 630
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 15	- 300 / 10
AWG		26-12	- 26-12
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PTA 1,5/ 2-5,0	1988804	250	10
3	PTA 1,5/ 3-5,0	1988817	250	15
4	PTA 1,5/ 4-5,0	1988820	250	20
5	PTA 1,5/ 5-5,0	1988833	100	25
6	PTA 1,5/ 6-5,0	1988846	100	30
7	PTA 1,5/ 7-5,0	1988859	100	35
8	PTA 1,5/ 8-5,0	1988862	100	40
9	PTA 1,5/ 9-5,0	1988875	100	45
10	PTA 1,5/10-5,0	1988888	100	50
11	PTA 1,5/11-5,0	1988891	50	55
12	PTA 1,5/12-5,0	1988901	50	60
13	PTA 1,5/13-5,0	1988914	50	65
14	PTA 1,5/14-5,0	1988927	50	70
15	PTA 1,5/15-5,0	1988930	50	75
16	PTA 1,5/16-5,0	1988943	50	80

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5 mm

MKDSN 2,5/...-HT, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	9.5
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDSN 2,5/ 2 HT BK	1985920	50	10
3	MKDSN 2,5/ 3 HT BK	1985933	50	15

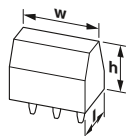


Technical data

Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 0.75 / 0.2 - 0.75		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.75		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 14		
Stripping length	[mm]	6.5		
Tightening torque	[Nm]	0.5 - 0.6 Nm		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	16 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	200	320	320
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 20	-	300 / 10
AWG		30-12	-	30-12
General data				
Type of insulation material / insulation material group		PA / IIIa		
Inflammability class in acc. with UL 94		V0		

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5.08 mm

MKDSN 2,5/...-HT, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	9.5
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDSN 2,5/ 2-5,08 HT BK	1985946	50	10.16
3	MKDSN 2,5/ 3-5,08 HT BK	1985959	50	15.24
4	MKDSN 2,5/ 4-5,08 HT BK	1826185	50	20.32



Technical data

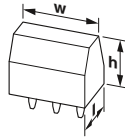
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 0.75 / 0.2 - 0.75		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.75		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 14		
Stripping length	[mm]	6.5		
Tightening torque	[Nm]	0.5 - 0.6 Nm		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	16 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	200	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 20	-	300 / 10
AWG		30-12	-	30-12
General data				
Type of insulation material / insulation material group		PA / IIIa		
Inflammability class in acc. with UL 94		V0		

PCB terminal blocks

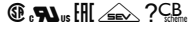
Conductor cross section up to 2.5 mm² (AWG 14)

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5 mm

MKDS 3/..-HT, Linear pinning



Dimensions	[mm]
Solder pin length	5
Length l	11.2
Height h	18



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDS 3/2 HT BK	1985962	50	10
3	MKDS 3/3 HT BK	1985975	50	15

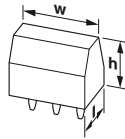


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.2 - 4 / 0.2 - 2.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 1.5	
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 0.75	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5	
Conductor cross section AWG/kcmil		24 - 12	
Stripping length	[mm]	8	
Tightening torque	[Nm]	0.5 - 0.6 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	24 / 4	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	200	320 320
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 15	- 300 / 10
AWG		30-12	- 30-12
Approval data (CSA)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		28-12	- 28-12
General data			
Type of insulation material / insulation material group		PA / IIIa	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5.08 mm

MKDS 3/..-HT, Linear pinning



Dimensions	[mm]
Solder pin length	5
Length l	11.2
Height h	18



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDS 3/2-5.08 HT BK	1985988	50	10.16
3	MKDS 3/3-5.08 HT BK	1985991	50	15.24

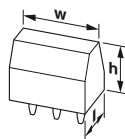


Technical data

Connection capacity				
Solid / stranded	[mm²]	0.2 - 4 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 1.5		
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 0.75		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	8		
Tightening torque	[Nm]	0.5 - 0.6 Nm		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	24 / 4		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	200	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		28-12	-	28-12
General data				
Type of insulation material / insulation material group		PA / IIIa		
Inflammability class in acc. with UL 94		V0		

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5 mm

MKDSN 2,5, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	9.5
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDSN 2,5/ 2	1890963	250	10
3	MKDSN 2,5/ 3	1890976	250	15
4	MKDSN 2,5/ 4	1890989	250	20
5	MKDSN 2,5/ 5	1905683	50	25
6	MKDSN 2,5/ 6	1905120	50	30
7	MKDSN 2,5/ 7	1989152	50	35
8	MKDSN 2,5/ 8	1905719	50	40
9	MKDSN 2,5/ 9	1931194	50	45
10	MKDSN 2,5/10	1933943	50	50
12	MKDSN 2,5/12	1930179	50	60
13	MKDSN 2,5/13	1933956	50	65
18	MKDSN 2,5/18	1708006	50	90

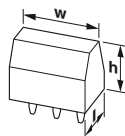


Technical data

Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 0.75 / 0.2 - 0.75		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.75		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 14		
Stripping length	[mm]	6.5		
Tightening torque	[Nm]	0.5 - 0.6 Nm		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	24 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	400	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 20	-	300 / 10
AWG		30-12	-	30-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5.08 mm

MKDSN 2,5, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	9.5
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDSN 2,5/ 2-5,08	1888687	250	10.16
3	MKDSN 2,5/ 3-5,08	1888690	250	15.24
4	MKDSN 2,5/ 4-5,08	1888700	250	20.32
5	MKDSN 2,5/ 5-5,08	1931644	50	25.4
6	MKDSN 2,5/ 6-5,08	1989405	50	30.48
7	MKDSN 2,5/ 7-5,08	1991338	50	35.56
8	MKDSN 2,5/ 8-5,08	1936005	50	40.64
10	MKDSN 2,5/10-5,08	1991341	50	50.8
11	MKDSN 2,5/11-5,08	1994157	50	55.88
12	MKDSN 2,5/12-5,08	1829713	50	60.96
14	MKDSN 2,5/14-5,08	1994610	50	71.12
17	MKDSN 2,5/17-5,08	1702363	50	86.36



Technical data

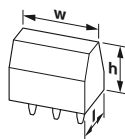
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 0.75 / 0.2 - 0.75		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.75		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 14		
Stripping length	[mm]	6.5		
Tightening torque	[Nm]	0.5 - 0.6 Nm		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	24 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	400	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 20	-	300 / 10
AWG		30-12	-	30-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB terminal blocks

Conductor cross section up to 2.5 mm² (AWG 14)

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5.08 mm

SMKDS 2,5, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	14.25
Height h	19.4



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SMKDS 2,5/ 2-5,08	1705469	50	10.16
3	SMKDS 2,5/ 3-5,08	1705472	50	15.24
4	SMKDS 2,5/ 4-5,08	1995664	50	20.32
5	SMKDS 2,5/ 5-5,08	1702558	50	25.4
6	SMKDS 2,5/ 6-5,08	1736777	50	30.48
7	SMKDS 2,5/ 7-5,08	1766174	50	35.56
8	SMKDS 2,5/ 8-5,08	1736845	50	40.64
10	SMKDS 2,5/10-5,08	1736780	50	50.8
16	SMKDS 2,5/16-5,08	1736764	50	81.28

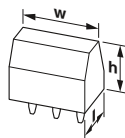


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.14 - 2.5 / 0.14 - 2.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5	
2 conductors with same cross section solid / stranded	[mm²]	0.14 - 0.75 / 0.14 - 0.75	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 0.75	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5	
Conductor cross section AWG/kcmil		26 - 14	
Stripping length	[mm]	11	
Tightening torque	[Nm]	0.5 - 0.6 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	20 / 2.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	250	400 630
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	250 / 10	- 300 / 10
AWG		30-12	- 30-12
Approval data (CSA)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		28-12	- 28-12
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5 mm

MKDS 3, Linear pinning



Dimensions	[mm]
Solder pin length	5
Length l	11.2
Height h	18



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDS 3/ 2	1711026	100	10
3	MKDS 3/ 3	1711039	100	15
4	MKDS 3/ 4	1711042	50	20
5	MKDS 3/ 5	1711631	50	25
6	MKDS 3/ 6	1711301	50	30
7	MKDS 3/ 7	1891852	50	35
8	MKDS 3/ 8	1711084	50	40
9	MKDS 3/ 9	1733842	50	45
10	MKDS 3/10	1712601	50	50
11	MKDS 3/11	1730793	50	55
12	MKDS 3/12	1711123	50	60
14	MKDS 3/14	1711673	50	70

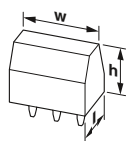


Technical data

Connection capacity				
Solid / stranded	[mm ²]	0.2 - 4 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.75		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	8		
Tightening torque	[Nm]	0.5 - 0.6 Nm		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	24 / 4		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	400	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		28-12	-	28-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5.08 mm

MKDS 3, Linear pinning



Dimensions	[mm]
Solder pin length	5
Length l	11.2
Height h	18



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDS 3/ 2-5,08	1711725	100	10.16
4	MKDS 3/ 4-5,08	1712805	50	20.32
5	MKDS 3/ 5-5,08	1905201	50	25.4
7	MKDS 3/ 7-5,08	1758658	50	35.56
8	MKDS 3/ 8-5,08	1712708	50	40.64
9	MKDS 3/ 9-5,08	1707331	50	45.72
10	MKDS 3/10-5,08	1718414	50	50.8
12	MKDS 3/12-5,08	1714308	50	60.96
14	MKDS 3/14-5,08	1713367	50	71.12
16	MKDS 3/16-5,08	1889097	50	81.28

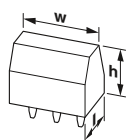


Technical data

Connection capacity			
Solid / stranded	[mm ²]	0.2 - 4 / 0.2 - 2.5	
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5	
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5	
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.75	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5	
Conductor cross section AWG/kcmil		24 - 12	
Stripping length	[mm]	8	
Tightening torque	[Nm]	0.5 - 0.6 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	24 / 4	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	250	400 630
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 15	- 300 / 10
AWG		30-12	- 30-12
Approval data (CSA)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		28-12	- 28-12
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5.08 mm

MKDSP 3, Linear pinning



Dimensions	[mm]
Solder pin length	5
Length l	12.8
Height h	18



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDSP 3/ 2-5,08	1714722	50	10.16
3	MKDSP 3/ 3-5,08	1714735	50	15.24



Technical data

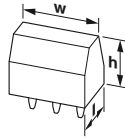
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 4 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.75		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	8		
Tightening torque	[Nm]	0.5 - 0.6 Nm		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	24 / 4		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	400	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	250 / 15	-	300 / 10
AWG		30-12	-	30-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB terminal blocks

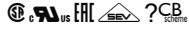
Conductor cross section up to 2.5 mm² (AWG 14)

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5.08 mm

MKDS 3/...-B, Linear pinning



Dimensions	[mm]
Solder pin length	5
Length l	11.2
Height h	18



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDS 3/ 2-B-5,08	1707904	50	10.16
3	MKDS 3/ 3-B-5,08	1707917	50	15.24

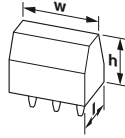


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.2 - 4 / 0.2 - 2.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5	
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 0.75	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5	
Conductor cross section AWG/kcmil		24 - 12	
Stripping length	[mm]	8	
Tightening torque	[Nm]	0.5 - 0.6 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	24 / 4	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	250	400 630
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 15	- 300 / 10
AWG		30-12	- 30-12
Approval data (CSA)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		28-12	- 28-12
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5 mm

SMKDS 3, Linear pinning



Dimensions	[mm]
Solder pin length	4.5
Length l	16
Height h	18



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SMKDS 3/ 2	1713024	100	10
3	SMKDS 3/ 3	1713037	100	15
4	SMKDS 3/ 4	1713082	100	20
6	SMKDS 3/ 6	1713121	50	30
8	SMKDS 3/ 8	1713066	50	40
12	SMKDS 3/12	1713105	50	60

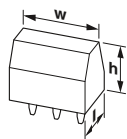


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.2 - 4 / 0.2 - 2.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5	
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 0.75	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5	
Conductor cross section AWG/kcmil		24 - 12	
Stripping length	[mm]	8	
Tightening torque	[Nm]	0.5 - 0.6 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	24 / 4	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	250	400 630
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	250 / 15	- 300 / 10
AWG		30-12	- 30-12
Approval data (CSA)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		28-12	- 28-12
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5.08 mm

SMKDS 3, Linear pinning



Dimensions	[mm]
Solder pin length	4.5
Length l	16
Height h	18



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SMKDS 3/ 2-5,08	1713723	100	10.16
3	SMKDS 3/ 3-5,08	1713736	100	15.24
4	SMKDS 3/ 4-5,08	1713040	100	20.32
5	SMKDS 3/ 5-5,08	1713309	50	25.4
6	SMKDS 3/ 6-5,08	1713286	50	30.48
7	SMKDS 3/ 7-5,08	1888849	50	35.56
9	SMKDS 3/ 9-5,08	1809597	50	45.72
15	SMKDS 3/15-5,08	1809607	50	76.2
18	SMKDS 3/18-5,08	1809610	50	91.44

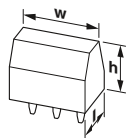


Technical data

Connection capacity				
Solid / stranded	[mm²]	0.2 - 4 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 0.75		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	8		
Tightening torque	[Nm]	0.5 - 0.6 Nm		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	24 / 4		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	400	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	250 / 15	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		28-12	-	28-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5 mm

MKDSFW 3, Linear pinning



Dimensions	[mm]
Solder pin length	5
Length l	20.5
Height h	11.7



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDSFW 3/ 2	1771529	50	10
3	MKDSFW 3/ 3	1771260	50	15



Technical data

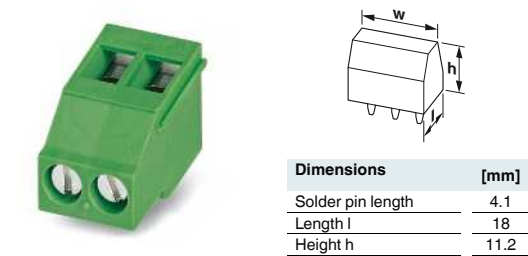
Connection capacity			
Solid / stranded	[mm²]	0.2 - 4 / 0.2 - 2.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 1	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 1	
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 0.75	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5	
Conductor cross section AWG/kcmil		24 - 12	
Stripping length	[mm]	8	
Tightening torque	[Nm]	0.5 - 0.6 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	24 / 4	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	250	400 630
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	250 / 16	- 300 / 10
AWG		30-12	- 30-12
Approval data (CSA)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		28-12	- 28-12
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V2	

PCB terminal blocks

Conductor cross section up to 2.5 mm² (AWG 14)

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5 mm

MKDSF 3, Linear pinning



Dimensions	[mm]
Solder pin length	4.1
Length l	18
Height h	11.2



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDSF 3/ 2	1712025	50	10
3	MKDSF 3/ 3	1712038	50	15

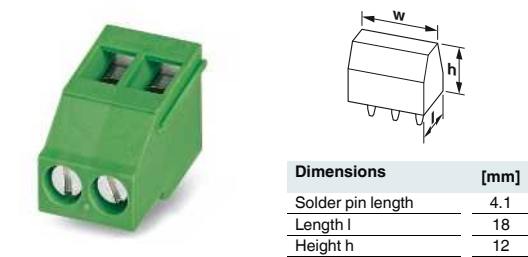


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.2 - 4 / 0.2 - 2.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5	
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 0.75	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5	
Conductor cross section AWG/kcmil		24 - 12	
Stripping length	[mm]	8	
Tightening torque	[Nm]	0.5 - 0.6 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	24 / 4	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	250	400 630
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	250 / 15	- 300 / 10
AWG		30-12	- 30-12
Approval data (CSA)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		28-12	- 28-12
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5.08 mm

MKDSF 3, Linear pinning



Dimensions	[mm]
Solder pin length	4.1
Length l	18
Height h	12



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDSF 3/ 2-5,08	1712724	50	10.16
3	MKDSF 3/ 3-5,08	1712737	50	15.24



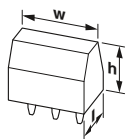
Technical data

Connection capacity			
Solid / stranded	[mm²]	0.2 - 4 / 0.2 - 2.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5	
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 0.75	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5	
Conductor cross section AWG/kcmil		24 - 12	
Stripping length	[mm]	8	
Tightening torque	[Nm]	0.5 - 0.6 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	24 / 4	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	250	400 630
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	250 / 15	- 300 / 10
AWG		30-12	- 30-12
Approval data (CSA)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		28-12	- 28-12
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5.08 mm

TDPT 2,5/...-SC, Linear double pinning

new



Dimensions	[mm]
Solder pin length	3.5
Length l	18
Height h	19



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	TDPT 2,5/ 2-SC-5,08	1017491	50	10.96
3	TDPT 2,5/ 3-SC-5,08	1017492	50	16.04
4	TDPT 2,5/ 4-SC-5,08	1017493	50	21.12
5	TDPT 2,5/ 5-SC-5,08	1017494	50	26.2
6	TDPT 2,5/ 6-SC-5,08	1017495	50	31.28
7	TDPT 2,5/ 7-SC-5,08	1017496	50	36.36
8	TDPT 2,5/ 8-SC-5,08	1017497	50	41.44
9	TDPT 2,5/ 9-SC-5,08	1017498	50	46.52
10	TDPT 2,5/ 10-SC-5,08	1017499	50	51.6
11	TDPT 2,5/ 11-SC-5,08	1017501	50	56.68
12	TDPT 2,5/ 12-SC-5,08	1017502	50	61.76

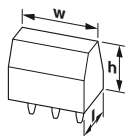


Technical data

Connection capacity		
Solid / stranded	[mm ²]	0.2 - 4 / 0.2 - 2.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.2 - 2.5
Stranded with ferrules with plastic sleeve	[mm ²]	0.2 - 2.5
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 0.75
Conductor cross section AWG/kcmil		24 - 12
Stripping length	[mm]	10
Tightening torque	[Nm]	0.5 - 0.6 Nm
Electrical parameters		
Rated current / conductor cross section	[A] / [mm ²]	24 / 4
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	320 400 630
Rated surge voltage	[kV]	4 4 4
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 20 150 / 20 300 / 10
AWG		24-12 24-12 24-12
General data		
Type of insulation material / insulation material group		PA / I
Inflammability class in acc. with UL 94		V0

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5 mm

MKKDS 3, Linear pinning



Dimensions	[mm]
Solder pin length	5
Length l	22.3
Height h	31.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKKDS 3/ 2	1721029	50	12.5
3	MKKDS 3/ 3	1721032	50	17.5
4	MKKDS 3/ 4	1703895	50	22.5
9	MKKDS 3/ 9	1805119	50	47.5
10	MKKDS 3/10	1703252	50	52.5



Technical data

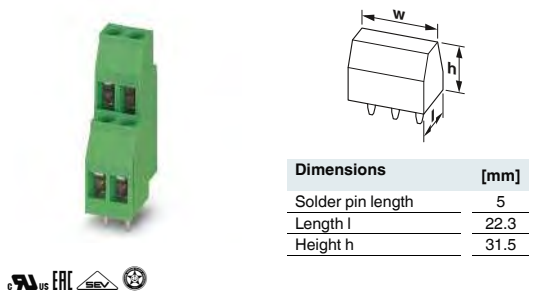
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 4 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.75		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 0.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6 Nm		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	22 / 4		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	400	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	125 / 15	-	300 / 10
AWG		30-12	-	30-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB terminal blocks

Conductor cross section up to 2.5 mm² (AWG 14)

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5.08 mm

MKKDS 3, Linear pinning



Technical data

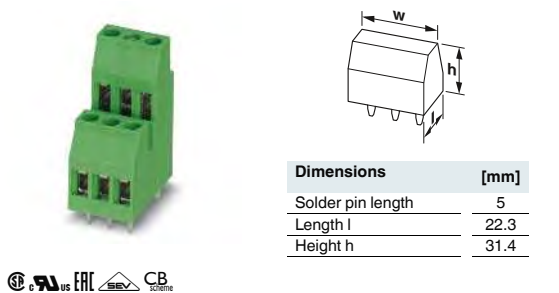
Connection capacity			
Solid / stranded	[mm²]	0.2 - 4 / 0.2 - 2.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 1.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5	
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 0.75	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 0.5	
Conductor cross section AWG/kcmil		24 - 12	
Stripping length	[mm]	7	
Tightening torque	[Nm]	0.5 - 0.6 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	22 / 4	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	250	400 630
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	125 / 15	- 300 / 10
AWG		30-12	- 30-12
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKKDS 3/ 2-5,08	1721728	50	12.7
3	MKKDS 3/ 3-5,08	1721731	50	17.78
4	MKKDS 3/ 4-5,08	1889987	50	22.86
5	MKKDS 3/ 5-5,08	1907759	50	27.94
8	MKKDS 3/ 8-5,08	1870909	50	43.18
13	MKKDS 3/13-5,08	1864888	50	17.78
20	MKKDS 3/20-5,08	1709947	10	104.14

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5 mm

MKKDSG 3, Linear pinning



Technical data

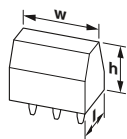
Connection capacity		
Solid / stranded	[mm²]	0.2 - 4 / 0.2 - 2.5
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 1.5
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 0.75
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 0.5
Conductor cross section AWG/kcmil		24 - 12
Stripping length	[mm]	7
Tightening torque	[Nm]	0.5 - 0.6 Nm
Electrical parameters		
Rated current / conductor cross section	[A] / [mm²]	17.5 / 4
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	250 400 630
Rated surge voltage	[kV]	4 4 4
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	125 / 10 - 300 / 10
AWG		30-12 - 30-12
Approval data (CSA)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 10 - 300 / 10
AWG		28-12 - 28-12
General data		
Type of insulation material / insulation material group		PA / I
Inflammability class in acc. with UL 94		V0

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKKDSG 3/ 2	1721090	50	10
3	MKKDSG 3/ 3	1721087	50	15

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5 mm

MKKDSH 3, Linear pinning



Dimensions	[mm]
Solder pin length	5
Length l	11.1
Height h	31.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKKDSH 3/ 2	1721045	50	10
2	MKKDSH 3/ 2	1721045	50	10

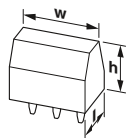


Technical data

Connection capacity				
Solid / stranded	[mm ²]	0.2 - 4 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.75		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6 Nm		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	24 / 4		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	400	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	125 / 15	-	300 / 10
AWG		30-12	-	30-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5.08 mm

MK3DS 3, Linear pinning



Dimensions	[mm]
Solder pin length	5
Length l	33.6
Height h	44.8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MK3DS 3/ 2-5,08	1723014	50	12.7
3	MK3DS 3/ 3-5,08	1723027	50	17.78



Technical data

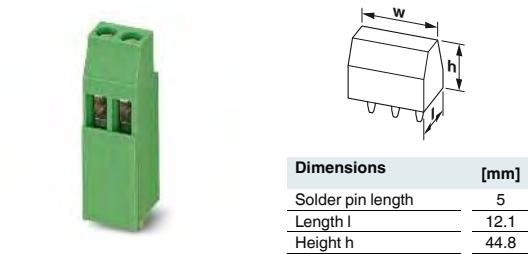
Connection capacity			
Solid / stranded	[mm²]	0.2 - 4 / 0.2 - 2.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 1.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5	
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 0.75	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 0.5	
Conductor cross section AWG/kcmil		24 - 12	
Stripping length	[mm]	7	
Tightening torque	[Nm]	0.5 - 0.6 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	17.5 / 4	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	250	400 630
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	125 / 20	- 300 / 10
AWG		30-12	- 30-12
Approval data (CSA)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		28-12	- 28-12
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

PCB terminal blocks

Conductor cross section up to 2.5 mm² (AWG 14)

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5.08 mm

MK3DSH 3, Linear pinning



Dimensions	[mm]
Solder pin length	5
Length l	12.1
Height h	44.8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MK3DSH 3/ 2-5,08	1723182	50	10.16
3	MK3DSH 3/ 3-5,08	1723195	50	15.24

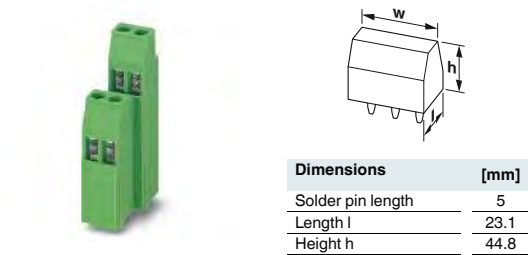


Technical data

Connection capacity				
Solid / stranded	[mm ²]	0.2 - 4 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.75		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6 Nm		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	24 / 4		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	400	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	125 / 15	-	300 / 10
AWG		30-12	-	30-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5.08 mm

MK3DSMH 3, Linear pinning



Dimensions	[mm]
Solder pin length	5
Length l	23.1
Height h	44.8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MK3DSMH 3/ 2-5,08	1723205	50	10.16
3	MK3DSMH 3/ 3-5,08	1723218	50	15.24



Technical data

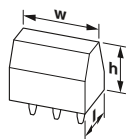
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 4 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.75		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 0.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6 Nm		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	22 / 4		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	400	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	125 / 15	-	300 / 10
AWG		30-12	-	30-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5 mm

MKKDSH 3-EX, Linear pinning



ERC
Ex: EAC Ex



Dimensions	[mm]
Solder pin length	5
Length l	11.1
Height h	31.5

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKKDSH 3/ 2-EX	1869790	50	10
3	MKKDSH 3/ 3-EX	1869800	50	15



Technical data

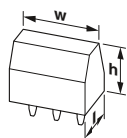
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Examination certificate	KEMA 01ATEX2130 U
IECEX certificate	IECEX KEM 07.0019 U
Connection capacity	
Solid / stranded	[mm²] 0.2 - 4 / 0.2 - 2.5
Solid / stranded	AWG 24 - 12 / 24 - 14
Stripping length	[mm] 7
Tightening torque clamping space	[Nm] 0.5 - 0.6 Nm
Electrical parameters	
Rated current / conductor cross section	[A] / [mm²] 24 / 2.5
Rated voltage	[V] 176
General data	
Type of insulation material / insulation material group	PA / I
Inflammability class in acc. with UL 94	V0

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5.08 mm

MK3DSH 3-EX, Linear pinning



ERC
Ex: EAC Ex



Dimensions	[mm]
Solder pin length	5
Length l	12.1
Height h	44.8

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MK3DSH 3/ 2-5.08-EX	1869774	50	10.16
3	MK3DSH 3/ 3-5.08-EX	1869787	50	15.24



Technical data

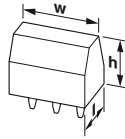
Ex marking	0344 II 2G / Ex eb IIC Gb
Examination certificate	KEMA 01ATEX2130 U
IECEX certificate	IECEX KEM 07.0019 U
Connection capacity	
Solid / stranded	[mm²] 0.2 - 4 / 0.2 - 2.5
Solid / stranded	AWG 24 - 12 / 24 - 14
Stripping length	[mm] 7
Tightening torque clamping space	[Nm] 0.5 - 0.6 Nm
Electrical parameters	
Rated current / conductor cross section	[A] / [mm²] 24 / 2.5
Rated voltage	[V] 176
General data	
Type of insulation material / insulation material group	PA / I
Inflammability class in acc. with UL 94	V0

PCB terminal blocks

Conductor cross section up to 2.5 mm² (AWG 14)

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5.08 mm

MK3DSMH 3-EX, Linear pinning



Dimensions	[mm]
Solder pin length	5
Length l	23.1
Height h	44.8

Ex: EAC Ex

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MK3DSMH 3/ 2-5,08-EX	1870255	50	10.16
3	MK3DSMH 3/ 3-5,08-EX	1870268	50	15.24

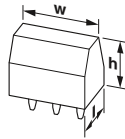


Technical data

Ex marking	0344 Ex II 2G / Ex eb IIC Gb
Examination certificate	KEMA 01ATEX2130 U
IECEx certificate	IECEx KEM 07.0019 U
Connection capacity	
Solid / stranded	[mm²] 0.2 - 4 / 0.2 - 2.5
Solid / stranded	AWG 24 - 12 / 24 - 14
Stripping length	[mm] 7
Tightening torque clamping space	[Nm] 0.5 - 0.6 Nm
Electrical parameters	
Rated current / conductor cross section	[A] / [mm²] 22 / 2.5
Rated voltage	[V] 176
General data	
Type of insulation material / insulation material group	PA / I
Inflammability class in acc. with UL 94	V0

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5 mm

KDS 2,5, Linear pinning



Dimensions	[mm]
Solder pin length	3.6
Length l	17.55
Height h	18

Ex: EAC Ex

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	KDS 2,5	1705016	50	5

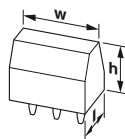


Technical data

Connection capacity	
Solid / stranded	[mm²] 0.2 - 4 / 0.2 - 2.5
Stranded with ferrules without plastic sleeve	[mm²] 0.25 - 2.5
Stranded with ferrules with plastic sleeve	[mm²] 0.25 - 1.5
2 conductors with same cross section solid / stranded	[mm²] 0.2 - 1 / 0.2 - 1.5
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²] 0.25 - 0.5
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²] 0.5 - 1
Conductor cross section AWG/kcmil	24 - 12
Stripping length	[mm] 9
Tightening torque	[Nm] 0.5 - 0.6 Nm
Electrical parameters	
Rated current / conductor cross section	[A] / [mm²] 24 / 4
Surge voltage category/degree of pollution	III / 3 III / 2 II / 2
Rated insulation voltage	[V] 250 400 630
Rated surge voltage	[kV] 4 4 4
Approval data (UL/CUL)	
Use Group	B C D
Nominal voltage/current	[V] / [A] 250 / 15 - 300 / 10
AWG	30-12 - 30-12
Approval data (CSA)	
Use Group	B C D
Nominal voltage/current	[V] / [A] 300 / 10 - 300 / 10
AWG	24-12 - 24-12
General data	
Type of insulation material / insulation material group	PA / I
Inflammability class in acc. with UL 94	V0

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5.08 mm

KDS 3-MT, Linear double pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	27
Height h	37



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	KDS 3-MT	1780015	50	5.08

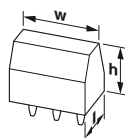


Technical data

Connection capacity			
Solid / stranded	[mm ²]	0.2 - 4 / 0.2 - 4	
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5	
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5	
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1 / 0.2 - 1	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.75	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1	
Conductor cross section AWG/kcmil		24 - 12	
Stripping length	[mm]	8	
Tightening torque	[Nm]	0.5 - 0.6 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	15 / 4	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	320	320 630
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	250 / 15	- 300 / 10
AWG		28-12	- 28-12
Approval data (CSA)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		24-12	- 24-12
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 5.08 mm

KDS 3-PMT, Linear double pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	27
Height h	36



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	KDS 3-PMT	1780028	50	5.08



Technical data

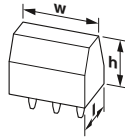
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 4 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1 / 0.2 - 1		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.75		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	8		
Tightening torque	[Nm]	0.5 - 0.6 Nm		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	13.5 / 4		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	320	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	250 / 15	-	300 / 10
AWG		28-12	-	28-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V2		

PCB terminal blocks

Conductor cross section up to 2.5 mm² (AWG 14)

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 7.62 mm

GMKDS 3, Linear pinning



Dimensions	[mm]
Solder pin length	5
Length l	11.2
Height h	18



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GMKDS 3/ 2-7,62	1731721	100	15.24
3	GMKDS 3/ 3-7,62	1731734	100	22.86

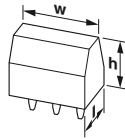


Technical data

Connection capacity				
Solid / stranded	[mm²]	0.2 - 4 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 0.75		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	8		
Tightening torque	[Nm]	0.5 - 0.6 Nm		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	24 / 4		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	500	630	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	250 / 15	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		28-12	-	28-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 7.5 mm

GMKDSP 3, Linear pinning



Dimensions	[mm]
Solder pin length	5
Length l	12.8
Height h	18



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GMKDSP 3/ 2	1732021	50	15
3	GMKDSP 3/ 3	1732034	50	22.5

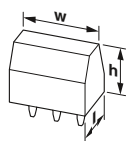


Technical data

Connection capacity			
Solid / stranded	[mm ²]	0.2 - 4 / 0.2 - 2.5	
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5	
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5	
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.75	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5	
Conductor cross section AWG/kcmil		24 - 12	
Stripping length	[mm]	7	
Tightening torque	[Nm]	0.5 - 0.6 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	24 / 4	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	500	630 1000
Rated surge voltage	[kV]	6	6 6
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	250 / 15	- 300 / 10
AWG		30-12	- 30-12
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 7.62 mm

GMKDSP 3, Linear pinning



Dimensions	[mm]
Solder pin length	5
Length l	12.8
Height h	18



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GMKDSP 3/ 2-7,62	1732720	50	15.24
3	GMKDSP 3/ 3-7,62	1732733	50	22.86

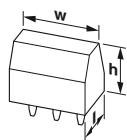


Technical data

Connection capacity				
Solid / stranded	[mm ²]	0.2 - 4 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.75		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6 Nm		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	24 / 4		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	500	630	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	250 / 15	-	300 / 10
AWG		30-12	-	30-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 7.5 mm

GSMKDS 3, Linear pinning



Dimensions	[mm]
Solder pin length	4.5
Length l	16
Height h	18



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GSMKDS 3/ 2	1733020	100	15
3	GSMKDS 3/ 3	1733033	100	22.5



Technical data

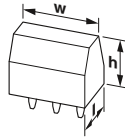
Connection capacity				
Solid / stranded	[mm²]	0.2 - 4 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 0.75		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	8		
Tightening torque	[Nm]	0.5 - 0.6 Nm		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	24 / 4		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	500	630	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	250 / 15	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		28-12	-	28-12
General data				
Type of insulation material / insulation material group		PA / II		
Inflammability class in acc. with UL 94		V0		

PCB terminal blocks

Conductor cross section up to 2.5 mm² (AWG 14)

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 7.62 mm

GSMKDS 3, Linear pinning



Dimensions	[mm]
Solder pin length	4.5
Length l	16
Height h	18



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GSMKDS 3/ 2-7,62	1733729	100	15.24
3	GSMKDS 3/ 3-7,62	1733732	100	22.86

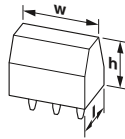


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.2 - 4 / 0.2 - 2.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5	
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 0.75	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5	
Conductor cross section AWG/kcmil		24 - 12	
Stripping length	[mm]	8	
Tightening torque	[Nm]	0.5 - 0.6 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	24 / 4	
Surge voltage category/degree of pollution		III / 3	III / 2 II / 2
Rated insulation voltage	[V]	500	630 1000
Rated surge voltage	[kV]	6	6 6
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	250 / 15	- 300 / 10
AWG		30-12	- 30-12
Approval data (CSA)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		28-12	- 28-12
General data			
Type of insulation material / insulation material group		PA / II	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Front screw connection, Pitch: 5 mm

FRONT 2,5-H/SA 5, Linear double pinning



Dimensions	[mm]
Solder pin length	4.3
Length l	19.5
Height h	18.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FRONT 2,5-H/SA 5/ 2	1868665	20	12.5
3	FRONT 2,5-H/SA 5/ 3	1700121	20	17.5
4	FRONT 2,5-H/SA 5/ 4	1700781	20	22.5
5	FRONT 2,5-H/SA 5/ 5	1724660	20	27.5
6	FRONT 2,5-H/SA 5/ 6	1891975	20	32.5
8	FRONT 2,5-H/SA 5/ 8	1724673	20	42.5
9	FRONT 2,5-H/SA 5/ 9	1744109	20	47.5
10	FRONT 2,5-H/SA 5/ 10	1773264	20	52.5
11	FRONT 2,5-H/SA 5/ 11	1701382	20	57.5
12	FRONT 2,5-H/SA 5/ 12	1892893	20	62.5
14	FRONT 2,5-V/SA 10/ 14	1737967	10	72.5

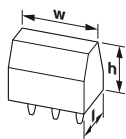


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 1.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 1.5	
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 0.75 / 0.2 - 0.75	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 0.34	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-	
Conductor cross section AWG/kcmil		24 - 14	
Stripping length	[mm]	9	
Tightening torque	[Nm]	0.4 - 0.5 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	24 / 2.5	
Surge voltage category/degree of pollution		III / 3	III / 2 II / 2
Rated insulation voltage	[V]	250	400 630
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 20	300 / 17 300 / 20
AWG		30-12	30-12 30-12
Approval data (CSA)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		24-12	- 24-12
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Front screw connection, Pitch: 5 mm

FRONT 2,5-H/SA10, Linear double pinning



Dimensions	[mm]
Solder pin length	4.2
Length l	18.5
Height h	18.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FRONT 2,5-H/SA10/ 2	1724657	20	12.5
3	FRONT 2,5-H/SA10/ 3	1904215	20	17.5
4	FRONT 2,5-H/SA10/ 4	1773170	20	22.5
5	FRONT 2,5-H/SA10/ 5	1773183	20	27.5
6	FRONT 2,5-H/SA10/ 6	1773196	20	32.5
8	FRONT 2,5-H/SA10/ 8	1773219	20	42.5
9	FRONT 2,5-H/SA10/ 9	1773222	20	47.5
10	FRONT 2,5-H/SA10/10	1773235	20	52.5
11	FRONT 2,5-H/SA10/11	1773248	20	57.5
12	FRONT 2,5-H/SA10/12	1773251	20	62.5

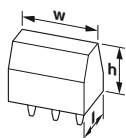


Technical data

Connection capacity		
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 0.75 / 0.2 - 0.75
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.34
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-
Conductor cross section AWG/kcmil		24 - 14
Stripping length	[mm]	9
Tightening torque	[Nm]	0.4 - 0.5 Nm
Electrical parameters		
Rated current / conductor cross section	[A] / [mm ²]	24 / 2.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	250 400 630
Rated surge voltage	[kV]	4 4 4
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 20 300 / 17 300 / 20
AWG		30-12 30-12 30-12
Approval data (CSA)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 10 - 300 / 10
AWG		24-12 - 24-12
General data		
Type of insulation material / insulation material group		PA / I
Inflammability class in acc. with UL 94		V0

Printed circuit board terminal, Front screw connection, Pitch: 5 mm

FRONT 2,5-V/SA 5, Linear double pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	18.5
Height h	20



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FRONT 2,5-V/SA 5/ 2	1700244	20	12.5
3	FRONT 2,5-V/SA 5/ 3	1700134	20	17.5
5	FRONT 2,5-V/SA 5/ 5	1700354	20	27.5
6	FRONT 2,5-V/SA 5/ 6	1700231	20	32.5
7	FRONT 2,5-V/SA 5/ 7	1724152	20	37.5
8	FRONT 2,5-V/SA 5/ 8	1700710	20	42.5
9	FRONT 2,5-V/SA 5/ 9	1724165	20	47.5
10	FRONT 2,5-V/SA 5/10	1700765	20	52.5
11	FRONT 2,5-V/SA 5/11	1700118	20	57.5
12	FRONT 2,5-V/SA 5/12	1889974	20	62.5



Technical data

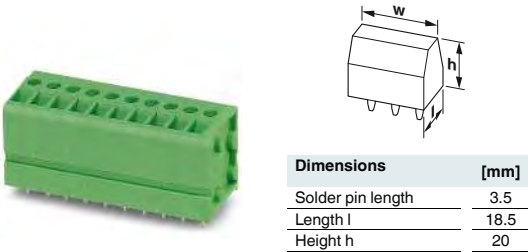
Connection capacity		
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 0.75 / 0.2 - 0.75
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.34
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-
Conductor cross section AWG/kcmil		24 - 14
Stripping length	[mm]	9
Tightening torque	[Nm]	0.4 - 0.5 Nm
Electrical parameters		
Rated current / conductor cross section	[A] / [mm ²]	24 / 2.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	250 400 630
Rated surge voltage	[kV]	4 4 4
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 10 300 / 17 300 / 10
AWG		30-12 30-12 30-12
Approval data (CSA)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 10 - 300 / 10
AWG		24-12 - 24-12
General data		
Type of insulation material / insulation material group		PA / I
Inflammability class in acc. with UL 94		V0

PCB terminal blocks

Conductor cross section up to 2.5 mm² (AWG 14)

Printed circuit board terminal, Front screw connection, Pitch: 5 mm

FRONT 2,5-V/SA10, Linear double pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FRONT 2,5-V/SA10/ 2	1704114	20	12.5
3	FRONT 2,5-V/SA10/ 3	1704897	20	17.5
4	FRONT 2,5-V/SA10/ 4	1732238	20	22.5
5	FRONT 2,5-V/SA10/ 5	1773277	20	27.5
6	FRONT 2,5-V/SA10/ 6	1701230	20	32.5
7	FRONT 2,5-V/SA10/ 7	1773280	20	37.5
8	FRONT 2,5-V/SA10/ 8	1704127	20	42.5
9	FRONT 2,5-V/SA10/ 9	1704907	20	47.5
10	FRONT 2,5-V/SA10/10	1700778	20	52.5
11	FRONT 2,5-V/SA10/11	1773293	20	57.5
12	FRONT 2,5-V/SA10/12	1931741	20	62.5
14	FRONT 2,5-V/SA10/14	1737967	10	72.5

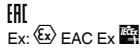
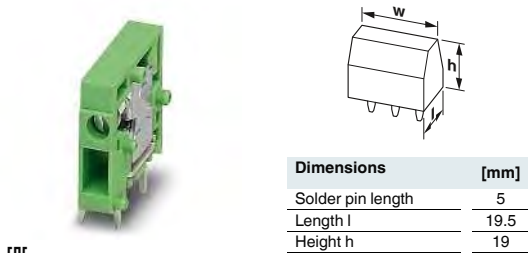


Technical data

Connection capacity		
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 1.5
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 1.5
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 0.75 / 0.2 - 0.75
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 0.34
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-
Conductor cross section AWG/kcmil		24 - 14
Stripping length	[mm]	9
Tightening torque	[Nm]	0.4 - 0.5 Nm
Electrical parameters		
Rated current / conductor cross section	[A] / [mm²]	24 / 2.5
Surge voltage category/degree of pollution		III/3 III / 2 II / 2
Rated insulation voltage	[V]	250 400 630
Rated surge voltage	[kV]	4 4 4
Approval data (UL/CUL)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 10 300 / 17 300 / 10
AWG		30-12 30-12 30-12
Approval data (CSA)		
Use Group		B C D
Nominal voltage/current	[V] / [A]	300 / 10 - 300 / 10
AWG		24-12 - 24-12
General data		
Type of insulation material / insulation material group		PA / I
Inflammability class in acc. with UL 94		V0

Printed circuit board terminal, Front screw connection, Pitch: 5 mm

FRONT 2,5-H-EX, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	FRONT 2,5-H/SA 5-EX	1701159	50	5

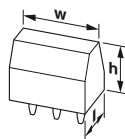


Technical data

Ex marking		0344 Ex II 2G / Ex eb IIC Gb
Examination certificate		KEMA 00ATEX2053 U
IECEx certificate		IECEx KEM 07.0023 U
Connection capacity		
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5
Solid / stranded	AWG	24 - 14 / 24 - 14
Stripping length	[mm]	9
Tightening torque clamping space	[Nm]	0.4 - 0.5 Nm
Electrical parameters		
Rated current / conductor cross section	[A] / [mm²]	- / -
Rated voltage	[V]	176
General data		
Type of insulation material / insulation material group		PA / I
Inflammability class in acc. with UL 94		V0

Printed circuit board terminal, Front screw connection, Pitch: 5 mm

FRONT 2,5-V-EX, Linear double pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	18.5
Height h	19.5

ERC
Ex: EAC Ex

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	FRONT 2,5-V/SA 5-EX	1701162	50	7.5

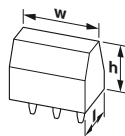


Technical data

Ex marking	0344 Ex II 2G / Ex eb IIC Gb
Examination certificate	KEMA 00ATEX2053 U
IECEx certificate	IECEx KEM 07.0023 U
Connection capacity	
Solid / stranded	[mm²] 0.2 - 2.5 / 0.2 - 2.5
Solid / stranded	AWG 24 - 14 / 24 - 14
Stripping length	[mm] 9
Tightening torque clamping space	[Nm] 0.4 - 0.5 Nm
Electrical parameters	
Rated current / conductor cross section	[A] / [mm²] - / 2.5
Rated voltage	[V] 176
General data	
Type of insulation material / insulation material group	PA / I
Inflammability class in acc. with UL 94	V0

Printed circuit board terminal, Push-in spring connection, Pitch: 5 mm

PTS 1,5/-H, Linear pinning



Dimensions	[mm]
Solder pin length	2.5
Length l	10.5
Height h	13.6

ERC CB

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PTS 1,5/ 2-5,0-H	1792863	250	10
3	PTS 1,5/ 3-5,0-H	1792876	250	15
4	PTS 1,5/ 4-5,0-H	1792889	250	20
5	PTS 1,5/ 5-5,0-H	1792892	100	25
6	PTS 1,5/ 6-5,0-H	1792902	100	30
7	PTS 1,5/ 7-5,0-H	1792915	100	35
8	PTS 1,5/ 8-5,0-H	1792928	100	40
9	PTS 1,5/ 9-5,0-H	1792931	100	45
10	PTS 1,5/10-5,0-H	1792944	100	50
11	PTS 1,5/11-5,0-H	1792957	50	55
12	PTS 1,5/12-5,0-H	1792960	50	60



Technical data

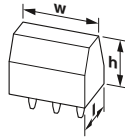
Connection capacity	
Solid / stranded	[mm²] 0.14 - 2.5 / 0.14 - 2.5
Stranded with ferrules without plastic sleeve	[mm²] 0.25 - 1.5
Stranded with ferrules with plastic sleeve	[mm²] 0.25 - 1.5
2 conductors with same cross section solid / stranded	[mm²] - / -
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²] -
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²] -
Conductor cross section AWG/kcmil	26 - 14
Stripping length	[mm] 8
Tightening torque	[Nm] -
Electrical parameters	
Rated current / conductor cross section	[A] / [mm²] 16 / 2.5
Surge voltage category/degree of pollution	III/3 III / 2 II / 2
Rated insulation voltage	[V] 250 400 630
Rated surge voltage	[kV] 4 4 4
Approval data (UL/CUL)	
Use Group	B C D
Nominal voltage/current	[V] / [A] 300 / 15 - 300 / 15
AWG	26-14 - 26-14
General data	
Type of insulation material / insulation material group	PA / I
Inflammability class in acc. with UL 94	V0

PCB terminal blocks

Conductor cross section up to 2.5 mm² (AWG 14)

Printed circuit board terminal, Push-in spring connection, Pitch: 5 mm

PTDA 2,5/, Linear double pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	16
Height h	16



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PTDA 2,5/ 2-5,0	1725302	50	11.4
3	PTDA 2,5/ 3-5,0	1725315	50	15
4	PTDA 2,5/ 4-5,0	1725328	50	20
5	PTDA 2,5/ 5-5,0	1725341	50	25
6	PTDA 2,5/ 6-5,0	1725354	50	30
7	PTDA 2,5/ 7-5,0	1725367	50	35
8	PTDA 2,5/ 8-5,0	1725380	50	40
9	PTDA 2,5/ 9-5,0	1725393	50	45
10	PTDA 2,5/10-5,0	1725406	50	50
11	PTDA 2,5/11-5,0	1725419	50	55
12	PTDA 2,5/12-5,0	1725432	50	60
13	PTDA 2,5/13-5,0	1725445	50	65
14	PTDA 2,5/14-5,0	1725458	50	70
15	PTDA 2,5/15-5,0	1725471	50	75
16	PTDA 2,5/16-5,0	1725484	50	80

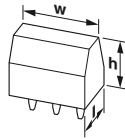


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.5 - 2.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.5 - 1	
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.5 - 2.5	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1	
Conductor cross section AWG/kcmil		24 - 14	
Stripping length	[mm]	10	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	24 / 2.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	320	400 630
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 15	- 300 / 10
AWG		24-14	- 24-14
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Push-in spring connection, Pitch: 5 mm

SPT 2,5/...-H, Linear double pinning



Dimensions	[mm]
Solder pin length	2.5
Length l	14.4
Height h	13.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPT 2,5/ 2-H-5,0	1990973	100	11.4
3	SPT 2,5/ 3-H-5,0	1990986	100	16.4
4	SPT 2,5/ 4-H-5,0	1990999	100	21.4
5	SPT 2,5/ 5-H-5,0	1991008	100	26.4
6	SPT 2,5/ 6-H-5,0	1991011	100	31.4
7	SPT 2,5/ 7-H-5,0	1991024	50	36.4
8	SPT 2,5/ 8-H-5,0	1991037	50	41.4
9	SPT 2,5/ 9-H-5,0	1991040	50	46.4
10	SPT 2,5/10-H-5,0	1991053	50	51.4
11	SPT 2,5/11-H-5,0	1991066	50	56.4
12	SPT 2,5/12-H-5,0	1991079	50	61.4

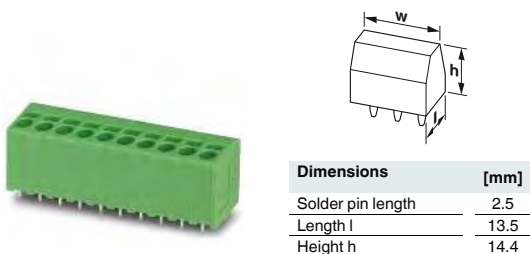


Technical data

Connection capacity			
Solid / stranded	[mm ²]	0.2 - 4 / 0.2 - 2.5	
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5	
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5	
2 conductors with same cross section solid / stranded	[mm ²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-	
Conductor cross section AWG/kcmil		24 - 12	
Stripping length	[mm]	10	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	24 / 4	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	250	400 630
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 20	- 300 / 10
AWG		24-12	- 24-12
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Push-in spring connection, Pitch: 5 mm

SPT 2,5/...-V, Linear double pinning



Dimensions	[mm]
Solder pin length	2.5
Length l	13.5
Height h	14.4



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPT 2,5/ 2-V-5,0	1991095	100	11.4
3	SPT 2,5/ 3-V-5,0	1991105	100	16.4
4	SPT 2,5/ 4-V-5,0	1991118	100	21.4
5	SPT 2,5/ 5-V-5,0	1991121	100	26.4
6	SPT 2,5/ 6-V-5,0	1991134	100	31.4
7	SPT 2,5/ 7-V-5,0	1991147	50	36.4
8	SPT 2,5/ 8-V-5,0	1991150	50	41.4
9	SPT 2,5/ 9-V-5,0	1991163	50	46.4
10	SPT 2,5/10-V-5,0	1991176	50	51.4
11	SPT 2,5/11-V-5,0	1991189	50	56.4
12	SPT 2,5/12-V-5,0	1991192	50	61.4

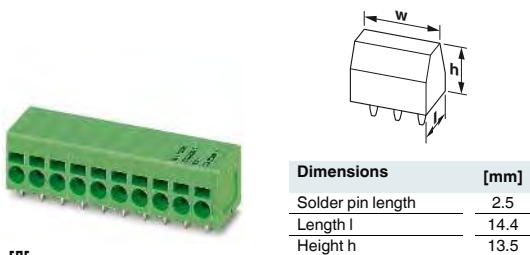


Technical data

Connection capacity	
Solid / stranded	[mm ²] 0.2 - 4 / 0.2 - 2.5
Stranded with ferrules without plastic sleeve	[mm ²] 0.25 - 2.5
Stranded with ferrules with plastic sleeve	[mm ²] 0.25 - 1.5
2 conductors with same cross section solid / stranded	[mm ²] - / -
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²] -
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²] -
Conductor cross section AWG/kcmil	24 - 12
Stripping length	[mm] 10
Tightening torque	[Nm] -
Electrical parameters	
Rated current / conductor cross section	[A] / [mm ²] 24 / 4
Surge voltage category/degree of pollution	III/3 III / 2 II / 2
Rated insulation voltage	[V] 250 400 630
Rated surge voltage	[kV] 4 4 4
Approval data (UL/CUL)	
Use Group	B C D
Nominal voltage/current	[V] / [A] 300 / 20 - 300 / 10
AWG	24-12 - 24-12
General data	
Type of insulation material / insulation material group	PA / I
Inflammability class in acc. with UL 94	V0

Printed circuit board terminal, Push-in spring connection, Pitch: 5 mm

SPT 2,5/...-H-EX, Linear double pinning



Dimensions	[mm]
Solder pin length	2.5
Length l	14.4
Height h	13.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPT 2,5/ 2-H-5,0-EX	1732386	50	11.4
3	SPT 2,5/ 3-H-5,0-EX	1732399	50	16.4
4	SPT 2,5/ 4-H-5,0-EX	1732409	50	21.4
5	SPT 2,5/ 5-H-5,0-EX	1732412	50	26.4
6	SPT 2,5/ 6-H-5,0-EX	1732425	50	31.4
7	SPT 2,5/ 7-H-5,0-EX	1732438	50	36.4
8	SPT 2,5/ 8-H-5,0-EX	1732441	50	41.4
9	SPT 2,5/ 9-H-5,0-EX	1732454	50	46.4
10	SPT 2,5/10-H-5,0-EX	1732467	50	51.4
11	SPT 2,5/11-H-5,0-EX	1732470	50	56.4
12	SPT 2,5/12-H-5,0-EX	1732483	50	64.4



Technical data

Ex marking	0344 Ex II 2G / Ex eb IIC Gb
Examination certificate	KEMA 07ATEX0193 U
IECEx certificate	IECEx KEM 07.0057 U
Connection capacity	
Solid / stranded	[mm ²] 0.2 - 4 / 0.2 - 2.5
Solid / stranded	AWG 24 - 14 / 24 - 12
Stripping length	[mm] 10
Tightening torque clamping space	[Nm] -
Electrical parameters	
Rated current / conductor cross section	[A] / [mm ²] - / -
Rated voltage	[V] 176
General data	
Type of insulation material / insulation material group	PA / I
Inflammability class in acc. with UL 94	V0

PCB terminal blocks
Conductor cross section up to 2.5 mm² (AWG 14)

Printed circuit board terminal, Push-in spring connection, Pitch: 5 mm

SPT 2,5/...-V-EX, Linear double pinning

Image of a green PCB terminal block and a technical drawing showing dimensions w, h, and l. Includes a table for dimensions and an ordering data table with columns for No. of pos., Type, Order No., Pcs./Pkt., and Width w [mm].

Technical data section for SPT 2,5/...-V-EX. Includes icons for WAVE, 90°, 5 mm, and 2,5 mm². A table lists technical specifications such as Ex marking, Examination certificate, IECEx certificate, Connection capacity, Stripping length, Tightening torque, and Electrical parameters.

Printed circuit board terminal, Push-in spring connection, Pitch: 5 mm

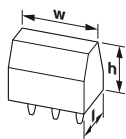
SPT 2,5/...-H-EX PROFINET, Linear double pinning

Image of a green PCB terminal block and a technical drawing showing dimensions w, h, and l. Includes a table for dimensions and an ordering data table with columns for No. of pos., Type, Order No., Pcs./Pkt., and Width w [mm].

Technical data section for SPT 2,5/...-H-EX PROFINET. Includes icons for WAVE, 0°, 5 mm, and 2,5 mm². A table lists technical specifications such as Ex marking, Examination certificate, IECEx certificate, Connection capacity, Stripping length, Tightening torque, and Electrical parameters.

Printed circuit board terminal, Push-in spring connection, Pitch: 5 mm

SPT 2,5/...-V-EX PROFINET, Linear double pinning



Dimensions	[mm]
Solder pin length	2.5
Length l	13.5
Height h	14.4

Ex:

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
4	SPT 2,5/ 4-V-EX PROFINET 1	1034421	50	23.9
4	SPT 2,5/ 4-V-EX PROFINET 2	1034460	50	23.9

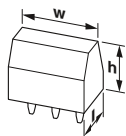


Technical data

Ex marking	0344 Ex II 2G / Ex eb IIC Gb
Examination certificate	KEMA 07ATEX0193 U
IECEX certificate	IECEX KEM 07.0057 U
Connection capacity	
Solid / stranded	[mm²] 0.2 - 4 / 0.2 - 2.5
Solid / stranded	AWG 24 - 14 / 24 - 12
Stripping length	[mm] 10
Tightening torque clamping space	[Nm] -
Electrical parameters	
Rated current / conductor cross section	[A] / [mm²] - / -
Rated voltage	[V] 176
General data	
Type of insulation material / insulation material group	PA / -
Inflammability class in acc. with UL 94	V0

Printed circuit board terminal, Push-in spring connection, Pitch: 5 mm

FKDSO 2,5/ ...-L1, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	18.8
Height h	15.9

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FKDSO 2,5/ 2-L1	1857811	50	10.6
3	FKDSO 2,5/ 3-L1	1868020	50	15.6
4	FKDSO 2,5/ 4-L1	1857837	50	20.6
1	FKDSO 2,5/ 1-L1	1857824	50	5.6



Technical data

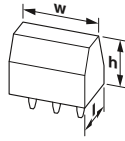
Connection capacity	
Solid / stranded	[mm²] 0.2 - 2.5 / 0.2 - 4
Stranded with ferrules without plastic sleeve	[mm²] 0.25 - 2.5
Stranded with ferrules with plastic sleeve	[mm²] 0.25 - 2.5
2 conductors with same cross section solid / stranded	[mm²] - / -
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²] -
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²] 0.5 - 1
Conductor cross section AWG/kcmil	24 - 12
Stripping length	[mm] 10
Tightening torque	[Nm] -
Electrical parameters	
Rated current / conductor cross section	[A] / [mm²] 20 / 2.5
Surge voltage category/degree of pollution	III/3 III / 2 II / 2
Rated insulation voltage	[V] 200 320 320
Rated surge voltage	[kV] 4 4 4
Approval data (UL/CUL)	
Use Group	B C D
Nominal voltage/current	[V] / [A] 300 / 20 - 150 / 15
AWG	24-12 - 24-12
General data	
Type of insulation material / insulation material group	PA / I
Inflammability class in acc. with UL 94	V0

PCB terminal blocks

Conductor cross section up to 2.5 mm² (AWG 14)

Printed circuit board terminal, Push-in spring connection, Pitch: 5 mm

FKDSO 2,5/ ..R1, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	18.8
Height h	15.9



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FKDSO 2,5/ 2-R1	1857840	50	10.6
1	FKDSO 2,5/ 1-R1 CBK	1857853	50	5.6
3	FKDSO 2,5/ 3-R1	1868033	50	15.6
4	FKDSO 2,5/ 4-R1	1857866	50	20.6



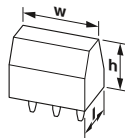
Technical data

Connection capacity			
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 4	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5	
2 conductors with same cross section solid / stranded	[mm²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1	
Conductor cross section AWG/kcmil		24 - 12	
Stripping length	[mm]	10	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	20 / 2.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	200	320 320
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 20	- 150 / 15
AWG		24-12	- 24-12
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Push-in spring connection, Pitch: 5.08 mm

TDPT 2,5/ ..-SP, Linear double pinning

new



Dimensions	[mm]
Solder pin length	3.5
Length l	18
Height h	19



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	TDPT 2,5/ 2-SP-5,08	1017503	50	10.96
3	TDPT 2,5/ 3-SP-5,08	1017504	50	16.04
4	TDPT 2,5/ 4-SP-5,08	1017505	50	21.12
5	TDPT 2,5/ 5-SP-5,08	1017506	50	26.2
6	TDPT 2,5/ 6-SP-5,08	1017507	50	31.28
7	TDPT 2,5/ 7-SP-5,08	1017508	50	36.36
8	TDPT 2,5/ 8-SP-5,08	1017509	50	41.44
9	TDPT 2,5/ 9-SP-5,08	1017510	50	46.52
10	TDPT 2,5/ 10-SP-5,08	1017511	50	51.6
11	TDPT 2,5/ 11-SP-5,08	1017512	50	56.68
12	TDPT 2,5/ 12-SP-5,08	1017513	50	61.76

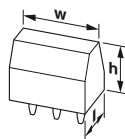


Technical data

Connection capacity			
Solid / stranded	[mm ²]	0.2 - 4 / 0.2 - 4	
Stranded with ferrules without plastic sleeve	[mm ²]	0.2 - 2.5	
Stranded with ferrules with plastic sleeve	[mm ²]	0.2 - 2.5	
2 conductors with same cross section solid / stranded	[mm ²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 0.75	
Conductor cross section AWG/kcmil		24 - 12	
Stripping length	[mm]	10	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	32 / 4	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	320	400 630
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 20	150 / 20 300 / 10
AWG		24-12	24-12 24-12
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Push-in spring connection, Pitch: 7.5 mm

PTS 1,5/-H, Linear pinning



Dimensions	[mm]
Solder pin length	2.5
Length l	10.5
Height h	13.6



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PTS 1,5/ 2-7,5-H	1703083	250	12.5
3	PTS 1,5/ 3-7,5-H	1703084	250	20
4	PTS 1,5/ 4-7,5-H	1703086	250	27.5
5	PTS 1,5/ 5-7,5-H	1703087	100	35
6	PTS 1,5/ 6-7,5-H	1703088	100	42.5
7	PTS 1,5/ 7-7,5-H	1703090	100	50
8	PTS 1,5/ 8-7,5-H	1703091	100	57.5
9	PTS 1,5/ 9-7,5-H	1703093	100	65
10	PTS 1,5/10-7,5-H	1703094	100	72.5
11	PTS 1,5/11-7,5-H	1703095	50	80
12	PTS 1,5/12-7,5-H	1703096	50	87.5

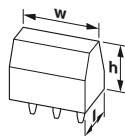


Technical data

Connection capacity				
Solid / stranded	[mm ²]	0.14 - 2.5 / 0.14 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		26 - 14		
Stripping length	[mm]	8		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	16 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	400	630	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 15
AWG		26-14	-	26-14
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Printed circuit board terminal, Spring-cage connection, Pitch: 5.08 mm

ZFKDS 2,5-THT, Linear double pinning



Dimensions	[mm]
Solder pin length	3.2
Length l	16.85
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	ZFKDSA 2,5-5,08- 2 THT	1703718	50	10.16
3	ZFKDSA 2,5-5,08- 3 THT	1994678	50	15.24



Technical data

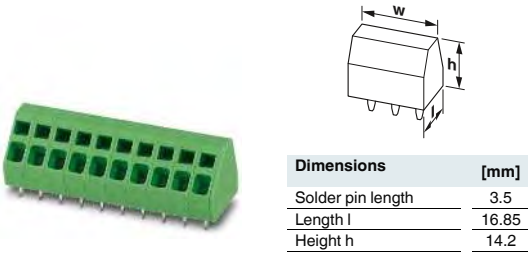
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 4 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	24 / 4		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	200	320	320
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	250 / 10	-	300 / 10
AWG		26-12	-	26-12
General data				
Type of insulation material / insulation material group		PA / IIIa		
Inflammability class in acc. with UL 94		V0		

PCB terminal blocks

Conductor cross section up to 2.5 mm² (AWG 14)

Printed circuit board terminal, Spring-cage connection, Pitch: 5.08 mm

ZFKDS(A) 2,5, Linear double pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	16.85
Height h	14.2



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	ZFKDSA 2,5-5,08- 2	1932326	50	36.56
3	ZFKDSA 2,5-5,08- 3	1799167	50	16.24
4	ZFKDSA 2,5-5,08- 4	1714618	50	21.32
5	ZFKDSA 2,5-5,08- 5	1704332	50	26.4
6	ZFKDSA 2,5-5,08- 6	1703651	50	31.48
10	ZFKDSA 2,5-5,08-10	1932339	50	51.8
12	ZFKDSA 2,5-5,08-12	1703652	50	61.96

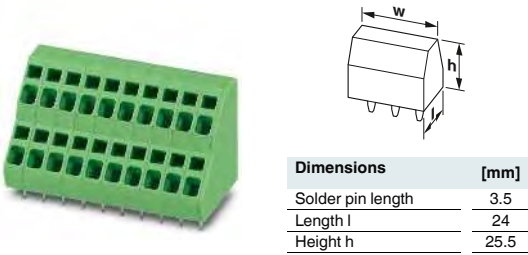


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.2 - 4 / 0.2 - 2.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 1.5	
2 conductors with same cross section solid / stranded	[mm²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-	
Conductor cross section AWG/kcmil		24 - 12	
Stripping length	[mm]	7	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	24 / 4	
Surge voltage category/degree of pollution		III / 3	III / 2 II / 2
Rated insulation voltage	[V]	250	400 630
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	250 / 10	- 300 / 10
AWG		26-12	- 26-12
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Spring-cage connection, Pitch: 5.08 mm

ZFKKDS(A) 2,5, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	24
Height h	25.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	ZFKKDSA 2,5-5,08- 2	1703194	50	11.16
3	ZFKKDSA 2,5-5,08- 3	1710313	50	16.24
4	ZFKKDSA 2,5-5,08- 4	1760620	50	21.32
5	ZFKKDSA 2,5-5,08- 5	1702717	50	26.4
6	ZFKKDSA 2,5-5,08- 6	1702718	50	31.48
9	ZFKKDSA 2,5-5,08- 9	1710766	50	46.72
11	ZFKKDSA 2,5-5,08-11	1702719	50	56.88

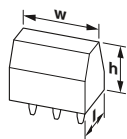


Technical data

Connection capacity				
Solid / stranded	[mm ²]	0.2 - 4 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	17.5 / 4		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	400	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	250 / 10	-	300 / 10
AWG		26-12	-	26-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Printed circuit board terminal, Spring-cage connection, Pitch: 5.08 mm

ZFKDS(A) 2,5-EX, Linear double pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	16.85
Height h	14.2

ERC

Ex: EAC Ex

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	ZFKDSA 2,5-5,08- 2 EX	1705936	50	11.16
3	ZFKDSA 2,5-5,08- 3 EX	1835341	50	16.24
5	ZFKDSA 2,5-5,08- 5 EX	1848228	50	26.4



Technical data

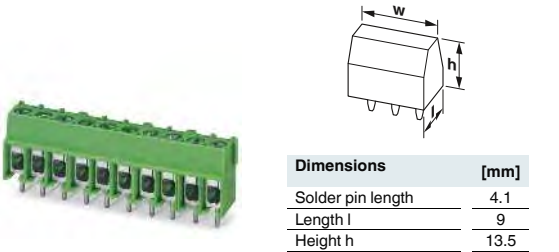
Ex marking	0344 Ex II 2G / Ex eb IIC Gb
Examination certificate	PTB 06ATEX1073 U
IECEX certificate	IECEX PTB 06.0096.U
Connection capacity	
Solid / stranded	[mm ²] 0.2 - 4 / 0.2 - 2.5
Solid / stranded	AWG 24 - 14 / 24 - 16
Stripping length	[mm] 7
Tightening torque clamping space	[Nm] -
Electrical parameters	
Rated current / conductor cross section	[A] / [mm ²] - / -
Rated voltage	[V] 137
General data	
Type of insulation material / insulation material group	PA / I
Inflammability class in acc. with UL 94	V0

PCB terminal blocks

Conductor cross section up to 4 mm² (AWG 12)

Printed circuit board terminal, Screw connection with wire protector, Pitch: 5 mm

PT 2,5/...-H, Linear pinning



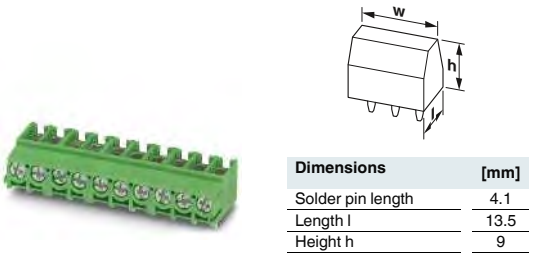
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PT 2,5/ 2-5,0-H	1935776	250	10
3	PT 2,5/ 3-5,0-H	1935789	250	15
4	PT 2,5/ 4-5,0-H	1935792	250	20
5	PT 2,5/ 5-5,0-H	1935802	100	25
6	PT 2,5/ 6-5,0-H	1935815	100	30
7	PT 2,5/ 7-5,0-H	1935828	100	35
8	PT 2,5/ 8-5,0-H	1935831	100	40
9	PT 2,5/ 9-5,0-H	1935844	100	45
10	PT 2,5/10-5,0-H	1935857	100	50
11	PT 2,5/11-5,0-H	1935860	50	55
12	PT 2,5/12-5,0-H	1935873	50	60
13	PT 2,5/13-5,0-H	1935886	50	65
14	PT 2,5/14-5,0-H	1935899	50	70
15	PT 2,5/15-5,0-H	1935909	50	75
16	PT 2,5/16-5,0-H	1935912	50	80



Technical data			
Connection capacity			
Solid / stranded	[mm²]	0.5 - 4 / 0.5 - 4	
Stranded with ferrules without plastic sleeve	[mm²]	0.5 - 2.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.5 - 2.5	
2 conductors with same cross section solid / stranded	[mm²]	0.5 - 1.5 / 0.5 - 1.5	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.5 - 0.75	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5	
Conductor cross section AWG/kcmil		20 - 10	
Stripping length	[mm]	6.5	
Tightening torque	[Nm]	0.45 - 0.5 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	32 / 4	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	250	400 630
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 20	- 300 / 10
AWG		20-12	- 20-12
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Screw connection with wire protector, Pitch: 5 mm

PT 2,5/...-V, Linear pinning



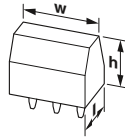
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PT 2,5/ 2-5,0-V	1987724	250	10
3	PT 2,5/ 3-5,0-V	1987737	250	15
4	PT 2,5/ 4-5,0-V	1987740	250	20
5	PT 2,5/ 5-5,0-V	1987753	100	25
6	PT 2,5/ 6-5,0-V	1987766	100	30
7	PT 2,5/ 7-5,0-V	1987779	100	35
8	PT 2,5/ 8-5,0-V	1987782	100	40
9	PT 2,5/ 9-5,0-V	1987795	100	45
10	PT 2,5/10-5,0-V	1987805	100	50
11	PT 2,5/11-5,0-V	1987818	50	55
12	PT 2,5/12-5,0-V	1987821	50	60
13	PT 2,5/13-5,0-V	1987834	50	65
14	PT 2,5/14-5,0-V	1987847	50	70
15	PT 2,5/15-5,0-V	1987850	50	75
16	PT 2,5/16-5,0-V	1987863	50	80



Technical data			
Connection capacity			
Solid / stranded	[mm²]	0.5 - 4 / 0.5 - 4	
Stranded with ferrules without plastic sleeve	[mm²]	0.5 - 2.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.5 - 2.5	
2 conductors with same cross section solid / stranded	[mm²]	0.5 - 1.5 / 0.5 - 1.5	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.5 - 0.75	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5	
Conductor cross section AWG/kcmil		20 - 10	
Stripping length	[mm]	6.5	
Tightening torque	[Nm]	0.45 - 0.5 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	32 / 4	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	250	400 630
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 20	- 300 / 10
AWG		20-12	- 20-12
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Screw connection with wire protector, Pitch: 7.5 mm

PT 2,5/...-H, Linear pinning



Dimensions	[mm]
Solder pin length	4.1
Length l	9
Height h	13.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PT 2,5/ 2-7,5-H	1988105	250	15
3	PT 2,5/ 3-7,5-H	1988118	250	22.5
4	PT 2,5/ 4-7,5-H	1988121	250	30
5	PT 2,5/ 5-7,5-H	1988134	100	37.5
6	PT 2,5/ 6-7,5-H	1988147	100	45
7	PT 2,5/ 7-7,5-H	1988150	100	52.5
8	PT 2,5/ 8-7,5-H	1988163	100	60
9	PT 2,5/ 9-7,5-H	1988176	100	67.5
10	PT 2,5/10-7,5-H	1988189	100	75
11	PT 2,5/11-7,5-H	1988192	50	82.5
12	PT 2,5/12-7,5-H	1988202	50	90
13	PT 2,5/13-7,5-H	1988215	50	97.5
14	PT 2,5/14-7,5-H	1988228	50	105
15	PT 2,5/15-7,5-H	1988231	50	112.5
16	PT 2,5/16-7,5-H	1988244	50	120

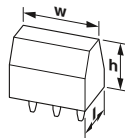


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.5 - 4 / 0.5 - 4	
Stranded with ferrules without plastic sleeve	[mm²]	0.5 - 2.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.5 - 2.5	
2 conductors with same cross section solid / stranded	[mm²]	0.5 - 1.5 / 0.5 - 1.5	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.5 - 0.75	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5	
Conductor cross section AWG/kcmil		20 - 10	
Stripping length	[mm]	6.5	
Tightening torque	[Nm]	0.45 - 0.5 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	32 / 4	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	500	800 1000
Rated surge voltage	[kV]	6	6 6
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 20	150 / 20 300 / 10
AWG		20-12	20-12 20-12
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Screw connection with wire protector, Pitch: 7.5 mm

PT 2,5/...-V, Linear pinning



Dimensions	[mm]
Solder pin length	4.1
Length l	13.5
Height h	9



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PT 2,5/ 2-7,5-V	1987957	250	15
3	PT 2,5/ 3-7,5-V	1987960	250	22.5
4	PT 2,5/ 4-7,5-V	1987973	250	30
5	PT 2,5/ 5-7,5-V	1987986	100	37.5
6	PT 2,5/ 6-7,5-V	1987999	100	45
7	PT 2,5/ 7-7,5-V	1988008	100	52.5
8	PT 2,5/ 8-7,5-V	1988011	100	60
9	PT 2,5/ 9-7,5-V	1988024	100	67.5
10	PT 2,5/10-7,5-V	1988037	100	75
11	PT 2,5/11-7,5-V	1988040	50	82.5
12	PT 2,5/12-7,5-V	1988053	50	90
13	PT 2,5/13-7,5-V	1988066	50	97.5
14	PT 2,5/14-7,5-V	1988079	50	105
15	PT 2,5/15-7,5-V	1988082	50	112.5
16	PT 2,5/16-7,5-V	1988095	50	120



Technical data

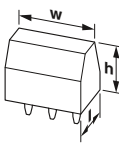
Connection capacity				
Solid / stranded	[mm ²]	0.5 - 4 / 0.5 - 4		
Stranded with ferrules without plastic sleeve	[mm ²]	0.5 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.5 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.5 - 1.5 / 0.5 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.5 - 0.75		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		20 - 10		
Stripping length	[mm]	6.5		
Tightening torque	[Nm]	0.45 - 0.5 Nm		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	32 / 4		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	500	800	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 20	150 / 20	300 / 10
AWG		20-12	20-12	20-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB terminal blocks

Conductor cross section up to 4 mm² (AWG 12)

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 7.5 mm

KDS 4, Linear pinning



Dimensions	[mm]
Solder pin length	5
Length l	20.6
Height h	18

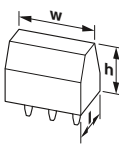


Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	KDS 4	1780507	50	7.5
4	KDS 4/4	1734083	50	30

							
Technical data							
Connection capacity							
Solid / stranded	[mm²]	0.2 - 6 / 0.2 - 4					
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 4					
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 4					
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1					
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 1					
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 2.5					
Conductor cross section AWG/kcmil		24 - 10					
Stripping length	[mm]	8					
Tightening torque	[Nm]	0.6 - 0.8 Nm					
Electrical parameters							
Rated current / conductor cross section	[A] / [mm²]	41 / 6					
Surge voltage category/degree of pollution		III/3	III / 2	II / 2			
Rated insulation voltage	[V]	320	320	630			
Rated surge voltage	[kV]	4	4	4			
Approval data (UL/CUL)							
Use Group		B	C	D			
Nominal voltage/current	[V] / [A]	300 / 30	-	300 / 10			
AWG		30-10	-	30-10			
Approval data (CSA)							
Use Group		B	C	D			
Nominal voltage/current	[V] / [A]	300 / 30	-	300 / 10			
AWG		28-10	-	28-10			
General data							
Type of insulation material / insulation material group		PA / I					
Inflammability class in acc. with UL 94		V0					

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 7.5 mm

KDSP 4, Linear pinning



Dimensions	[mm]
Solder pin length	5
Length l	20.6
Height h	18

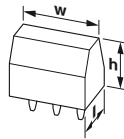


Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	KDSP 4	1780536	50	7.5
1	KDSP 4/1	1714029	50	7.5
3	KDSP 4/3	1705668	50	22.5

							
Technical data							
Connection capacity							
Solid / stranded	[mm²]	0.2 - 6 / 0.2 - 4					
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 4					
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 4					
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1					
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 1					
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 2.5					
Conductor cross section AWG/kcmil		24 - 10					
Stripping length	[mm]	8					
Tightening torque	[Nm]	0.6 - 0.8 Nm					
Electrical parameters							
Rated current / conductor cross section	[A] / [mm²]	41 / 6					
Surge voltage category/degree of pollution		III/3		III / 2		II / 2	
Rated insulation voltage	[V]	320		320		630	
Rated surge voltage	[kV]	4		4		4	
Approval data (UL/CUL)							
Use Group		B		C		D	
Nominal voltage/current	[V] / [A]	300 / 30		-		300 / 10	
AWG		30-10		-		30-10	
Approval data (CSA)							
Use Group		B		C		D	
Nominal voltage/current	[V] / [A]	300 / 30		-		300 / 10	
AWG		28-10		-		28-10	
General data							
Type of insulation material / insulation material group		PA / I					
Inflammability class in acc. with UL 94		V0					

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 6.35 mm

MKDS 5, Linear pinning



Dimensions	[mm]
Solder pin length	5.1
Length l	12.5
Height h	21.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDS 5/ 2-6,35	1714955	50	12.7
3	MKDS 5/ 3-6,35	1714968	50	19.05
4	MKDS 5/ 4-6,35	1706756	50	25.4
5	MKDS 5/ 5-6,35	1713985	50	31.75
6	MKDS 5/ 6-6,35	1713969	50	38.1
8	MKDS 5/ 8-6,35	1713927	50	50.8
10	MKDS 5/10-6,35	1713888	50	63.5
12	MKDS 5/12-6,35	1713846	50	76.2
14	MKDS 5/14-6,35	1713804	50	88.9

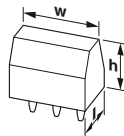


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.2 - 6 / 0.2 - 4	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 4	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 4	
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 0.75	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 2.5	
Conductor cross section AWG/kcmil		24 - 10	
Stripping length	[mm]	8	
Tightening torque	[Nm]	0.5 - 0.6 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	32 / 6	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	500	630 1000
Rated surge voltage	[kV]	6	6 6
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 30	- 300 / 10
AWG		30-10	- 30-10
Approval data (CSA)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		28-10	- 28-10
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 6.35 mm

SMKDS 5, Linear pinning



Dimensions	[mm]
Solder pin length	5
Length l	18.5
Height h	21.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SMKDS 5/ 2-6,35	1720033	50	12.7
3	SMKDS 5/ 3-6,35	1720046	50	19.05



Technical data

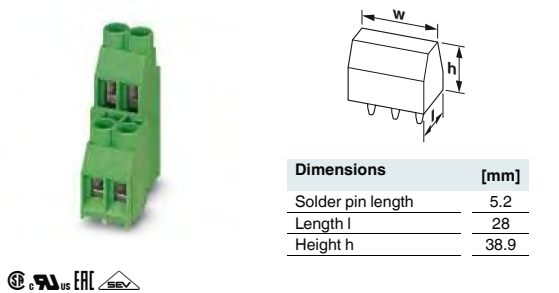
Connection capacity			
Solid / stranded	[mm ²]	0.2 - 6 / 0.2 - 4	
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 4	
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 4	
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.75	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 2.5	
Conductor cross section AWG/kcmil		24 - 10	
Stripping length	[mm]	8	
Tightening torque	[Nm]	0.5 - 0.6 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	32 / 6	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	500	630 1000
Rated surge voltage	[kV]	6	6 6
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	250 / 30	- 300 / 10
AWG		30-10	- 30-10
Approval data (CSA)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		28-10	- 28-10
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

PCB terminal blocks

Conductor cross section up to 6 mm² (AWG 10)

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 6.35 mm

MKKDS 5, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKKDS 5/ 2-6,35	1719031	50	12.7
3	MKKDS 5/ 3-6,35	1719044	50	19.05

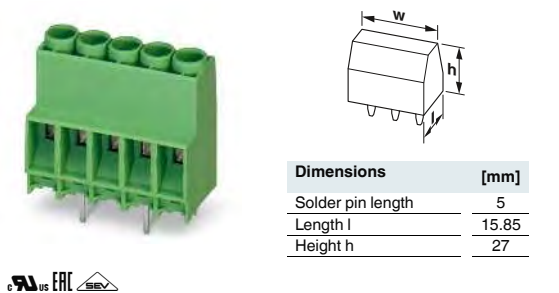


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.2 - 6 / 0.2 - 6	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 4	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 4	
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 0.75	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 2.5	
Conductor cross section AWG/kcmil		24 - 10	
Stripping length	[mm]	8	
Tightening torque	[Nm]	0.5 - 0.6 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	41 / 6	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	500	630 1000
Rated surge voltage	[kV]	6	6 6
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 30	- 300 / 10
AWG		30-10	- 30-10
Approval data (CSA)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- 300 / 10
AWG		28-10	- 28-10
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 6.35 mm

MKDS 5 N HV, Zigzag pinning W



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDS 5N HV/ 2-ZB-6,35	1777545	50	12.7
3	MKDS 5N HV/ 3-ZB-6,35	1777558	50	19.05
4	MKDS 5N HV/ 4-ZB-6,35	1777561	50	25.4
5	MKDS 5N HV/ 5-ZB-6,35	1777574	50	31.75
6	MKDS 5N HV/ 6-ZB-6,35	1777587	50	38.1
7	MKDS 5N HV/ 7-ZB-6,35	1777590	50	44.45
8	MKDS 5N HV/ 8-ZB-6,35	1777600	50	50.8
9	MKDS 5N HV/ 9-ZB-6,35	1777613	50	57.15
10	MKDS 5N HV/10-ZB-6,35	1777626	50	63.5
11	MKDS 5N HV/11-ZB-6,35	1777639	50	69.85
12	MKDS 5N HV/12-ZB-6,35	1777642	50	76.2

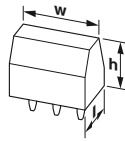


Technical data

Connection capacity			
Solid / stranded	[mm ²]	0.2 - 6 / 0.2 - 4	
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 4	
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 4	
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.75	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 2.5	
Conductor cross section AWG/kcmil		24 - 10	
Stripping length	[mm]	8	
Tightening torque	[Nm]	0.5 - 0.6 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	41 / 6	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	800	1000 1000
Rated surge voltage	[kV]	8	8 8
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	600 / 30	600 / 30 -
AWG		30-10	30-10 -
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 6.35 mm

TDPT 4/...-SC, Zigzag pinning W



Dimensions	[mm]
Solder pin length	3.5
Length l	20.75
Height h	23.4



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	TDPT 4/ 2-SC-6,35-ZB	1017514	50	13.5
3	TDPT 4/ 3-SC-6,35-ZB	1017515	50	19.85
4	TDPT 4/ 4-SC-6,35-ZB	1017516	50	26.2
5	TDPT 4/ 5-SC-6,35-ZB	1017517	50	32.55
6	TDPT 4/ 6-SC-6,35-ZB	1017519	50	38.9

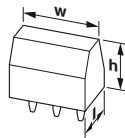


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.2 - 6 / 0.2 - 6	
Stranded with ferrules without plastic sleeve	[mm²]	0.2 - 4	
Stranded with ferrules with plastic sleeve	[mm²]	0.2 - 4	
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-	
Conductor cross section AWG/kcmil		24 - 10	
Stripping length	[mm]	10	
Tightening torque	[Nm]	0.5 - 0.6 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	41 / 6	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	800	1000 1000
Rated surge voltage	[kV]	8	8 6
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	600 / 30	600 / 30 300 / 10
AWG		24-10	24-10 24-10
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 7.62 mm

MKDS 5, Linear pinning



Dimensions	[mm]
Solder pin length	5.1
Length l	12.5
Height h	21.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDS 5/ 2-7,62	1868076	50	15.24
3	MKDS 5/ 3-7,62	1704936	50	22.86
5	MKDS 5/ 5-7,62	1704949	50	38.1
18	MKDS 5/18-7,62	1985438	50	137.16



Technical data

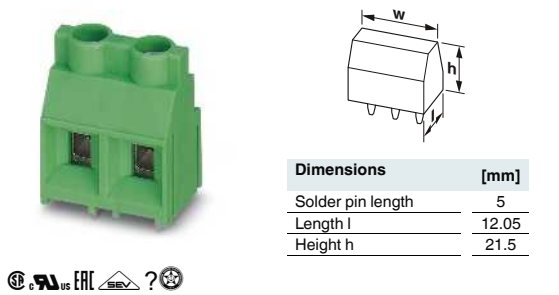
Connection capacity			
Solid / stranded	[mm ²]	0.2 - 6 / 0.2 - 4	
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 4	
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 4	
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.75	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 2.5	
Conductor cross section AWG/kcmil		24 - 10	
Stripping length	[mm]	8	
Tightening torque	[Nm]	0.5 - 0.6 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	32 / 6	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	500	630 1000
Rated surge voltage	[kV]	6	6 6
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 30	- 300 / 10
AWG		30-10	- 30-10
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

PCB terminal blocks

Conductor cross section up to 6 mm² (AWG 10)

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 9.52 mm

MKDS 5, Linear pinning



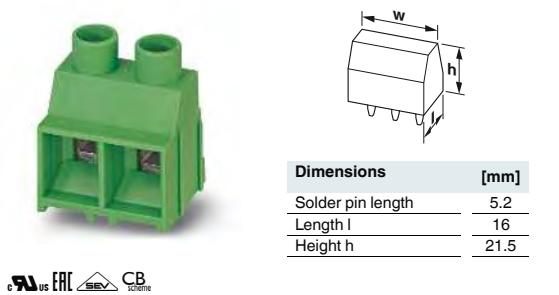
Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDS 5/ 2-9,5	1714971	50	19.04
3	MKDS 5/ 3-9,5	1714984	50	28.56
8	MKDS 5/ 8-9,5	1713914	50	76.16
10	MKDS 5/10-9,5	1713875	25	95.2
11	MKDS 5/11-9,5	1713859	50	104.72

Technical data			
Connection capacity			
Solid / stranded	[mm²]	0.2 - 6 / 0.2 - 4	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 4	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 4	
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 0.75	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 2.5	
Conductor cross section AWG/kcmil		24 - 10	
Stripping length	[mm]	8	
Tightening torque	[Nm]	0.5 - 0.6 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	32 / 6	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	690	1000 1000
Rated surge voltage	[kV]	6	6 6
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 30	300 / 30 600 / 5
AWG		30-10	30-10 30-10
Approval data (CSA)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 30	300 / 30 -
AWG		28-10	28-10 -
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 9.52 mm

MKDS 5 HV, Linear pinning



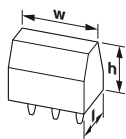
Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDS 5 HV/ 2-9,52	1902547	50	19.04
3	MKDS 5 HV/ 3-9,52	1904150	50	28.56
4	MKDS 5 HV/ 4-9,52	1906129	50	38.08
8	MKDS 5 HV/ 8-9,52	1933516	50	76.16

Technical data				
Connection capacity				
Solid / stranded	[mm²]	0.2 - 6 / 0.2 - 4		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 4		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 4		
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 0.75		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 2.5		
Conductor cross section AWG/kcmil		24 - 10		
Stripping length	[mm]	8		
Tightening torque	[Nm]	0.5 - 0.6 Nm		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	32 / 6		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	800	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 30	300 / 30	600 / 5
AWG		30-10	30-10	30-10
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 9.52 mm

MKDS 5 HV, Zigzag pinning M



Dimensions	[mm]
Solder pin length	5.2
Length l	16
Height h	21.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDS 5 HV/ 2-9,52-Z	1907432	50	19.04
3	MKDS 5 HV/ 3-9,52-Z	1907429	50	28.56
4	MKDS 5 HV/ 4-9,52-Z	1760769	50	38.08
5	MKDS 5 HV/ 5-9,52-Z	1760772	50	47.6
6	MKDS 5 HV/ 6-9,52-Z	1757659	50	57.12

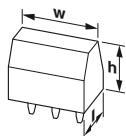


Technical data

Connection capacity				
Solid / stranded	[mm ²]	0.2 - 6 / 0.2 - 4		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 4		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 4		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.75		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 2.5		
Conductor cross section AWG/kcmil		24 - 10		
Stripping length	[mm]	8		
Tightening torque	[Nm]	0.5 - 0.6 Nm		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	32 / 6		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	690	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 30	600 / 30	-
AWG		30-10	30-10	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 9.52 mm

SMKDS 5, Linear pinning



Dimensions	[mm]
Solder pin length	5
Length l	18.5
Height h	21.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SMKDS 5/ 2-9,5	1720017	50	19.04
3	SMKDS 5/ 3-9,5	1720020	50	28.56



Technical data

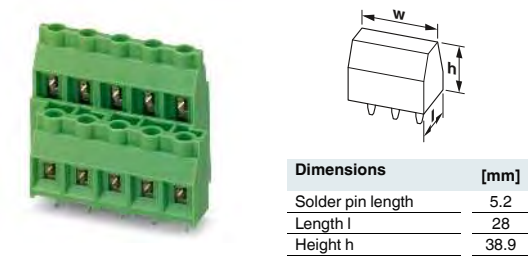
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 6 / 0.2 - 4		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 4		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 4		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.75		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 2.5		
Conductor cross section AWG/kcmil		24 - 10		
Stripping length	[mm]	8		
Tightening torque	[Nm]	0.5 - 0.6 Nm		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	32 / 6		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	690	1000	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	250 / 30	300 / 30	-
AWG		30-10	30-10	-
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 30	300 / 30	-
AWG		28-10	28-10	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB terminal blocks

Conductor cross section up to 6 mm² (AWG 10)

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 9.52 mm

MKKDS 5, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKKDS 5/ 2-9,5	1719015	50	23.8
3	MKKDS 5/ 3-9,5	1719028	50	33.32

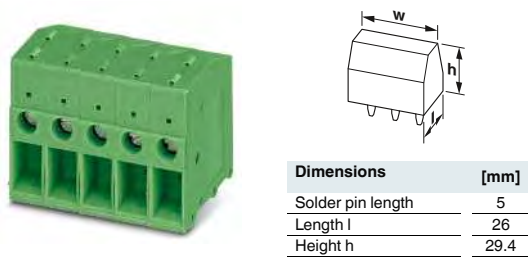


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.2 - 6 / 0.2 - 6	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 4	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 4	
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 0.75	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 2.5	
Conductor cross section AWG/kcmil		24 - 10	
Stripping length	[mm]	8	
Tightening torque	[Nm]	0.5 - 0.6 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	41 / 6	
Surge voltage category/degree of pollution		III/3	III/2 II/2
Rated insulation voltage	[V]	690	1000 1000
Rated surge voltage	[kV]	6	6 6
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 30	300 / 30 600 / 5
AWG		30-10	30-10 30-10
Approval data (CSA)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 30	300 / 30 -
AWG		28-10	28-10 -
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Front screw connection, Pitch: 7.62 mm

FRONT 4-H, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	FRONT 4-H-7,62	1703034	50	7.62
3	FRONT 4-H-7,62-3	1986097	10	22.86
4	FRONT 4-H-7,62-4	1703212	10	30.48
11	FRONT 4-H-7,62-11	1828374	10	83.82

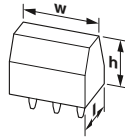


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.5 - 6 / 0.5 - 6	
Stranded with ferrules without plastic sleeve	[mm²]	0.5 - 4	
Stranded with ferrules with plastic sleeve	[mm²]	0.5 - 2.5	
2 conductors with same cross section solid / stranded	[mm²]	0.5 - 1.5 / 0.5 - 1.5	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 1	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1	
Conductor cross section AWG/kcmil		20 - 10	
Stripping length	[mm]	14	
Tightening torque	[Nm]	0.5 - 0.6 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	32 / 6	
Surge voltage category/degree of pollution		III/3	III/2 II/2
Rated insulation voltage	[V]	500	630 1000
Rated surge voltage	[kV]	6	6 6
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 30	- 300 / 10
AWG		24-10	- 24-10
Approval data (CSA)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 30	- 300 / 10
AWG		22-10	- 22-10
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Front screw connection, Pitch: 7.62 mm

FRONT 4-V, Linear pinning



Dimensions	[mm]
Solder pin length	5
Length l	27
Height h	26



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	FRONT 4-V-7,62	1703021	50	7.62
4	FRONT 4-V-7,62- 4	1930645	10	30.48

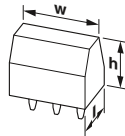


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.5 - 6 / 0.5 - 6	
Stranded with ferrules without plastic sleeve	[mm²]	0.5 - 4	
Stranded with ferrules with plastic sleeve	[mm²]	0.5 - 2.5	
2 conductors with same cross section solid / stranded	[mm²]	0.5 - 1.5 / 0.5 - 1.5	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 1	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1	
Conductor cross section AWG/kcmil		20 - 10	
Stripping length	[mm]	14	
Tightening torque	[Nm]	0.5 - 0.6 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	32 / 6	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	500	630 1000
Rated surge voltage	[kV]	6	6 6
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 30	- 300 / 10
AWG		24-10	- 24-10
Approval data (CSA)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 30	- 300 / 10
AWG		22-10	- 22-10
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Push-in spring connection, Pitch: 7.5 mm

SPT 5/-H, Zigzag pinning W



Dimensions	[mm]
Solder pin length	4.6
Length l	24.15
Height h	14.4



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPT 5/ 2-H-7,5-ZB	1719192	50	16.8
3	SPT 5/ 3-H-7,5-ZB	1719202	50	24.3
4	SPT 5/ 4-H-7,5-ZB	1719215	50	31.8
5	SPT 5/ 5-H-7,5-ZB	1719228	50	39.3
6	SPT 5/ 6-H-7,5-ZB	1719231	50	46.8
7	SPT 5/ 7-H-7,5-ZB	1719244	50	54.3
8	SPT 5/ 8-H-7,5-ZB	1719257	50	61.8
9	SPT 5/ 9-H-7,5-ZB	1719260	50	69.3
10	SPT 5/10-H-7,5-ZB	1719273	50	76.8
11	SPT 5/11-H-7,5-ZB	1719286	50	84.3
12	SPT 5/12-H-7,5-ZB	1719299	50	91.8



Technical data

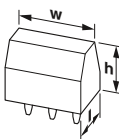
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 10 / 0.2 - 6		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 6		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 4		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.25 - 1.5		
Conductor cross section AWG/kcmil		24 - 8		
Stripping length	[mm]	15		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	41 / 10		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	800	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 36	600 / 36	-
AWG		24-8	24-8	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB terminal blocks

Conductor cross section up to 6 mm² (AWG 10)

Printed circuit board terminal, Push-in spring connection, Pitch: 7.5 mm

SPT 5/...-H, Linear double pinning



Dimensions	[mm]
Solder pin length	4.6
Length l	24.15
Height h	19.6



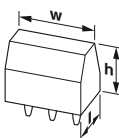
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPT 5/2-H-7,5	1738131	50	16.8



Technical data				
Connection capacity				
Solid / stranded	[mm²]	0.2 - 10 / 0.2 - 6		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 6		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 4		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.25 - 1.5		
Conductor cross section AWG/kcmil		24 - 8		
Stripping length	[mm]	15		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	41 / 10		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	630	1000	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 36	150 / 36	600 / 5
AWG		24-8	24-8	24-8
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Printed circuit board terminal, Push-in spring connection, Pitch: 7.5 mm

SPT 5/...-V, Zigzag pinning



Dimensions	[mm]
Solder pin length	4.6
Length l	18.5
Height h	24.15



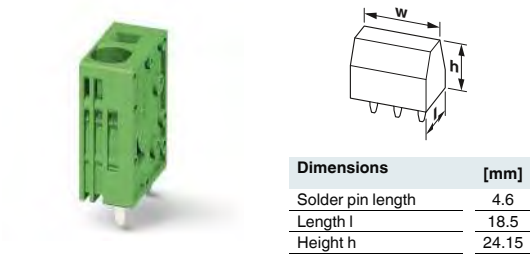
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPT 5/2-V-7,5-ZB	1719312	50	16.8
3	SPT 5/3-V-7,5-ZB	1719325	50	24.3
4	SPT 5/4-V-7,5-ZB	1719338	50	31.8
5	SPT 5/5-V-7,5-ZB	1719341	50	39.3
6	SPT 5/6-V-7,5-ZB	1719354	50	46.8
7	SPT 5/7-V-7,5-ZB	1719367	50	54.3
8	SPT 5/8-V-7,5-ZB	1719370	50	61.8
9	SPT 5/9-V-7,5-ZB	1719383	50	69.3
10	SPT 5/10-V-7,5-ZB	1719396	50	76.8
11	SPT 5/11-V-7,5-ZB	1719406	50	84.3
12	SPT 5/12-V-7,5-ZB	1719419	50	91.8



Technical data			
Connection capacity			
Solid / stranded	[mm²]	0.2 - 10 / 0.2 - 6	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 6	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 4	
2 conductors with same cross section solid / stranded	[mm²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.25 - 1.5	
Conductor cross section AWG/kcmil		24 - 8	
Stripping length	[mm]	15	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	41 / 10	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	800	1000 1000
Rated surge voltage	[kV]	8	8 6
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	600 / 36	600 / 36 -
AWG		24-8	24-8 -
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Push-in spring connection, Pitch: 7.5 mm

SPT 5/..-V, Linear double pinning



Dimensions	[mm]
Solder pin length	4.6
Length l	18.5
Height h	24.15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPT 5/ 2-V-7,5	1738144	50	16.8
1	SPT 5/ 1-V-7,5	1719309	50	9.3

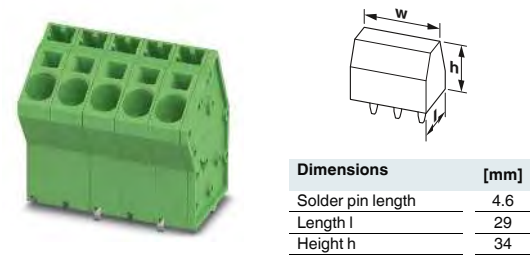


Technical data

Connection capacity			
Solid / stranded	[mm ²]	0.2 - 10 / 0.2 - 6	
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 6	
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 4	
2 conductors with same cross section solid / stranded	[mm ²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.25 - 1.5	
Conductor cross section AWG/kcmil		24 - 8	
Stripping length	[mm]	15	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	41 / 10	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	800	1000 1000
Rated surge voltage	[kV]	8	8 6
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 36	150 / 36 600 / 5
AWG		24-8	24-8 24-8
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Push-in spring connection, Pitch: 7.5 mm

SPTA 5/, linear double pinning



Dimensions	[mm]
Solder pin length	4.6
Length l	29
Height h	34



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPTA 5/ 2-7,5-ZB	1819082	50	16.8
3	SPTA 5/ 3-7,5-ZB	1819095	50	24.3
4	SPTA 5/ 4-7,5-ZB	1819105	50	31.8
5	SPTA 5/ 5-7,5-ZB	1819118	50	39.3
6	SPTA 5/ 6-7,5-ZB	1819121	50	46.8
7	SPTA 5/ 7-7,5-ZB	1819134	50	54.3
8	SPTA 5/ 8-7,5-ZB	1819147	50	61.8
9	SPTA 5/ 9-7,5-ZB	1819150	50	69.3
10	SPTA 5/10-7,5-ZB	1819163	50	76.8
11	SPTA 5/11-7,5-ZB	1819176	50	84.3
12	SPTA 5/12-7,5-ZB	1819189	50	91.8



Technical data

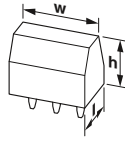
Connection capacity			
Solid / stranded	[mm ²]	0.2 - 6 / 0.2 - 6	
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 6	
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 4	
2 conductors with same cross section solid / stranded	[mm ²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.25 - 1.5	
Conductor cross section AWG/kcmil		24 - 8	
Stripping length	[mm]	15	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	41 / 6	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	800	1000 1000
Rated surge voltage	[kV]	8	8 6
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	600 / 33	600 / 33 -
AWG		24-8	24-8 -
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

PCB terminal blocks

Conductor cross section up to 6 mm² (AWG 10)

Printed circuit board terminal, Push-in spring connection, Pitch: 6.35 mm

TDPT 4/...SP, Zigzag pinning W



Dimensions	[mm]
Solder pin length	3.5
Length l	20.75
Height h	23.4



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	TDPT 4/ 2-SP-6,35-ZB	1017521	50	13.5
3	TDPT 4/ 3-SP-6,35-ZB	1017522	50	19.85
4	TDPT 4/ 4-SP-6,35-ZB	1017523	50	26.2
5	TDPT 4/ 5-SP-6,35-ZB	1017524	50	32.55
6	TDPT 4/ 6-SP-6,35-ZB	1017525	50	38.9

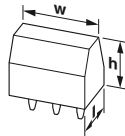


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.2 - 6 / 0.2 - 6	
Stranded with ferrules without plastic sleeve	[mm²]	0.2 - 4	
Stranded with ferrules with plastic sleeve	[mm²]	0.2 - 4	
2 conductors with same cross section solid / stranded	[mm²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5	
Conductor cross section AWG/kcmil		24 - 10	
Stripping length	[mm]	10	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	41 / 6	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	800	1000 1000
Rated surge voltage	[kV]	8	8 6
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	600 / 30	600 / 30 300 / 10
AWG		24-10	24-10 24-10
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Spring-cage connection, Pitch: 7.5 mm

ZFKDS(A) 4, Linear pinning



Dimensions	[mm]
Solder pin length	4.6
Length l	29
Height h	23



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	ZFKDS 4- 7,5	1907526	50	
2	ZFKDSA 4-7,5- 2	1709874	50	16.5
3	ZFKDSA 4-7,5- 3	1991891	50	24
4	ZFKDSA 4-7,5- 4	1736793	50	31.5
5	ZFKDSA 4-7,5- 5	1989191	50	39
6	ZFKDSA 4-7,5- 6	1934625	50	46.5
8	ZFKDSA 4- 7,5- 8	1932766	50	61.5

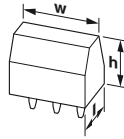


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.2 - 6 / 0.2 - 4	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 4	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 4	
2 conductors with same cross section solid / stranded	[mm²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-	
Conductor cross section AWG/kcmil		24 - 10	
Stripping length	[mm]	10	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	32 / 6	
Surge voltage category/degree of pollution		III / 3	III / 2 II / 2
Rated insulation voltage	[V]	500	630 1000
Rated surge voltage	[kV]	6	6 6
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 30	150 / 30 300 / 10
AWG		24-10	24-10 24-10
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Spring-cage connection, Pitch: 10 mm

ZFKDS(A) 4, Linear pinning



Dimensions	[mm]
Solder pin length	4.6
Length l	29
Height h	23



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	ZFKDS 4-10	1907539	50	11.5
2	ZFKDSA 4-10- 2	1722545	50	21.5
3	ZFKDSA 4-10- 3	1722558	50	31.5
4	ZFKDSA 4-10- 4	1743744	50	41.5
5	ZFKDSA 4-10- 5	1990368	50	51.5
6	ZFKDSA 4-10- 6	1722561	50	61.5
10	ZFKDSA 4-10-10	1735419	50	101.5
12	ZFKDSA 4-10-12	1735422	10	121.5
14	ZFKDSA 4-10-14	1701240	20	141.5
16	ZFKDSA 4-10-16	1703825	50	161.5

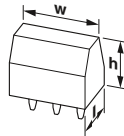


Technical data

Connection capacity				
Solid / stranded	[mm²]	0.2 - 6 / 0.2 - 4		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 4		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 4		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-		
Conductor cross section AWG/kcmil		24 - 10		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	32 / 6		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	630	630	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 30	300 / 30	600 / 5
AWG		24-10	24-10	24-10
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Printed circuit board terminal, Push-lock spring connection, Pitch: 7.5 mm

PLH 5/, Linear double pinning



Dimensions	[mm]
Solder pin length	3.6
Length l	22.7
Height h	24.1



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PLH 5/ 2-7,5-ZF	1792106	25	16
3	PLH 5/ 3-7,5-ZF	1792119	25	23.5
4	PLH 5/ 4-7,5-ZF	1792122	25	31
5	PLH 5/ 5-7,5-ZF	1792135	25	38.5
6	PLH 5/ 6-7,5-ZF	1792148	25	46
7	PLH 5/ 7-7,5-ZF	1792151	25	53.5
8	PLH 5/ 8-7,5-ZF	1792164	25	61
9	PLH 5/ 9-7,5-ZF	1792177	25	68.5
10	PLH 5/10-7,5-ZF	1792180	25	76
11	PLH 5/11-7,5-ZF	1792193	25	83.5
12	PLH 5/12-7,5-ZF	1792203	25	91



Technical data

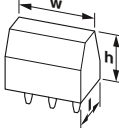
Connection capacity			
Solid / stranded	[mm ²]	0.2 - 6 / 0.2 - 6	
Stranded with ferrules without plastic sleeve	[mm ²]	0.2 - 6	
Stranded with ferrules with plastic sleeve	[mm ²]	0.2 - 6	
2 conductors with same cross section solid / stranded	[mm ²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 2.5	
Conductor cross section AWG/kcmil		24 - 10	
Stripping length	[mm]	12	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	41 / 6	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	1000	1000 1000
Rated surge voltage	[kV]	8	8 6
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	600 / 27	600 / 27 -
AWG		24-10	24-10 -
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

PCB terminal blocks

Conductor cross section up to 6 mm² (AWG 10)

Printed circuit board terminal, Push-lock spring connection, Pitch: 7.5 mm

PLH 5/, Linear double pinning



Dimensions	[mm]
Solder pin length	3.6
Length l	19.8
Height h	-



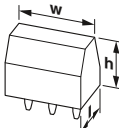
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	PLH 5/ 1-7,5	1792096	25	22.75



Technical data				
Connection capacity				
Solid / stranded	[mm²]	0.2 - 6 / 0.2 - 6		
Stranded with ferrules without plastic sleeve	[mm²]	0.2 - 6		
Stranded with ferrules with plastic sleeve	[mm²]	0.2 - 6		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 2.5		
Conductor cross section AWG/kcmil		24 - 10		
Stripping length	[mm]	12		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	41 / 6		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	500	1000	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 27	150 / 27	300 / 10
AWG		24-10	24-10	24-10
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Printed circuit board terminal, Push-lock spring connection, Pitch: 7.5 mm

PLA 5/, Linear double pinning



Dimensions	[mm]
Solder pin length	3.6
Length l	26.4
Height h	28.5



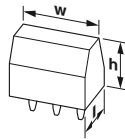
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PLA 5/ 2-7,5-ZF	1792229	25	16
3	PLA 5/ 3-7,5-ZF	1792232	25	23.5
4	PLA 5/ 4-7,5-ZF	1792245	25	31
5	PLA 5/ 5-7,5-ZF	1792258	25	38.5
6	PLA 5/ 6-7,5-ZF	1792261	25	46
7	PLA 5/ 7-7,5-ZF	1792274	25	53.5
8	PLA 5/ 8-7,5-ZF	1792287	25	6
9	PLA 5/ 9-7,5-ZF	1792290	25	68.5
10	PLA 5/ 10-7,5-ZF	1792300	25	76
11	PLA 5/ 11-7,5-ZF	1792313	25	83.5
12	PLA 5/ 12-7,5-ZF	1792326	25	91



Technical data				
Connection capacity				
Solid / stranded	[mm²]	0.2 - 6 / 0.2 - 6		
Stranded with ferrules without plastic sleeve	[mm²]	0.2 - 6		
Stranded with ferrules with plastic sleeve	[mm²]	0.2 - 6		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 2.5		
Conductor cross section AWG/kcmil		24 - 10		
Stripping length	[mm]	12		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	41 / 6		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 27	600 / 27	-
AWG		24-10	24-10	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Printed circuit board terminal, Push-lock spring connection, Pitch: 7.5 mm

PLA 5/, Linear double pinning



Dimensions	[mm]
Solder pin length	3.6
Length l	-
Height h	-



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	PLA 5/ 1-7,5	1792216	25	

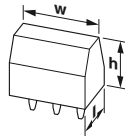


Technical data

Connection capacity			
Solid / stranded	[mm ²]	0.2 - 6 / 0.2 - 6	
Stranded with ferrules without plastic sleeve	[mm ²]	0.2 - 6	
Stranded with ferrules with plastic sleeve	[mm ²]	0.2 - 6	
2 conductors with same cross section solid / stranded	[mm ²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 2.5	
Conductor cross section AWG/kcmil		24 - 10	
Stripping length	[mm]	12	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	41 / 6	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	500	1000 1000
Rated surge voltage	[kV]	6	6 6
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 27	150 / 27 300 / 10
AWG		24-10	24-10 24-10
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Push-in spring connection, Pitch: 0 mm

PTSPL 6/..

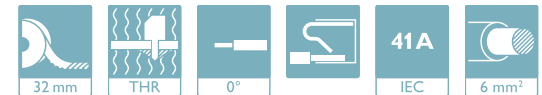


Dimensions	[mm]
Solder pin length	2.9
Length l	14.95
Height h	10.8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	PTSPL-6/1-2X2 2,9 R32	1704837	250	
1	PTSPL-6/1-2X2 2,1 R32	1704836	250	0



Technical data

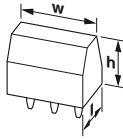
Connection capacity			
Solid / stranded	[mm ²]	- / 2.5 - 6	
Stranded with ferrules without plastic sleeve	[mm ²]	2.5 - 6	
Stranded with ferrules with plastic sleeve	[mm ²]	-	
2 conductors with same cross section solid / stranded	[mm ²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-	
Conductor cross section AWG/kcmil		-	
Stripping length	[mm]	12	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	41 / -	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	-	- -
Rated surge voltage	[kV]	-	- -
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	-	- -
AWG		-	- -
General data			
Type of insulation material / insulation material group		- / -	
Inflammability class in acc. with UL 94		-	

PCB terminal blocks

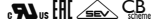
Conductor cross section up to 16 mm² (AWG 6)

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 10.16 mm

MKDS 10 HV, Zigzag pinning W



Dimensions	[mm]
Solder pin length	5
Length l	18.7
Height h	30.8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDS 10 HV/ 2-ZB-10,16	1709681	50	20.32
3	MKDS 10 HV/ 3-ZB-10,16	1709694	50	30.48
4	MKDS 10 HV/ 4-ZB-10,16	1709704	50	40.64
5	MKDS 10 HV/ 5-ZB-10,16	1709717	50	50.8
6	MKDS 10 HV/ 6-ZB-10,16	1709720	50	60.96
7	MKDS 10 HV/ 7-ZB-10,16	1709733	50	71.12
8	MKDS 10 HV/ 8-ZB-10,16	1709746	50	81.28
9	MKDS 10 HV/ 9-ZB-10,16	1709759	50	91.44
10	MKDS 10 HV/10-ZB-10,16	1709762	50	101.6
11	MKDS 10 HV/11-ZB-10,16	1709775	50	111.76
12	MKDS 10 HV/12-ZB-10,16	1709788	50	121.92

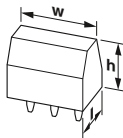


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.5 - 16 / 0.5 - 16	
Stranded with ferrules without plastic sleeve	[mm²]	0.5 - 16	
Stranded with ferrules with plastic sleeve	[mm²]	0.5 - 16	
2 conductors with same cross section solid / stranded	[mm²]	0.5 - 6 / 0.5 - 6	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.5 - 4	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 6	
Conductor cross section AWG/kcmil		20 - 6	
Stripping length	[mm]	10	
Tightening torque	[Nm]	1.2 - 1.5 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	76 / 16	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	800	1000 1000
Rated surge voltage	[kV]	8	8 8
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	600 / 60	600 / 60 -
AWG		20-6	20-6 -
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 10.16 mm

MKDSP 10N, Linear double pinning



Dimensions	[mm]
Solder pin length	5
Length l	18.4
Height h	29.3



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDSP 10N/ 2-10,16	1773976	50	20.32
3	MKDSP 10N/ 3-10,16	1774137	50	30.48



Technical data

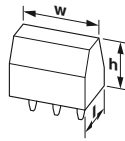
Connection capacity			
Solid / stranded	[mm²]	0.5 - 16 / 0.5 - 16	
Stranded with ferrules without plastic sleeve	[mm²]	0.5 - 16	
Stranded with ferrules with plastic sleeve	[mm²]	0.5 - 16	
2 conductors with same cross section solid / stranded	[mm²]	0.5 - 4 / 0.5 - 4	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.5 - 2.5	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 6	
Conductor cross section AWG/kcmil		20 - 6	
Stripping length	[mm]	10	
Tightening torque	[Nm]	1.2 - 1.5 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	76 / 16	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	690	1000 1000
Rated surge voltage	[kV]	8	8 6
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 60	300 / 60 600 / 5
AWG		20-6	20-6 20-6
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 10.16 mm

TDPT 16/-SC, Zigzag pinning W



new



Dimensions	[mm]
Solder pin length	3.5
Length l	31.9
Height h	31.2



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	TDPT 16/ 2-SC-10,16-ZB	1017526	50	21.34
3	TDPT 16/ 3-SC-10,16-ZB	1017527	50	31.5
4	TDPT 16/ 4-SC-10,16-ZB	1017528	50	41.66
5	TDPT 16/ 5-SC-10,16-ZB	1017529	50	51.82
6	TDPT 16/ 6-SC-10,16-ZB	1017530	50	61.98

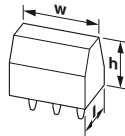


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.75 - 16 / 0.75 - 16	
Stranded with ferrules without plastic sleeve	[mm²]	0.75 - 16	
Stranded with ferrules with plastic sleeve	[mm²]	0.75 - 16	
2 conductors with same cross section solid / stranded	[mm²]	0.5 - 6 / 0.5 - 6	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-	
Conductor cross section AWG/kcmil		20 - 6	
Stripping length	[mm]	18	
Tightening torque	[Nm]	1.4 - 1.7 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	76 / 16	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	800	1000 1000
Rated surge voltage	[kV]	8	8 6
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	600 / 58	600 / 58 300 / 10
AWG		20-6	20-6 20-6
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 12.7 mm

MKDSP 10HV, Linear double pinning



Dimensions	[mm]
Solder pin length	5
Length l	22
Height h	30.8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDSP 10HV/ 2-12,7	1929533	50	22.86
3	MKDSP 10HV/ 3-12,7	1929546	50	35.56



Technical data

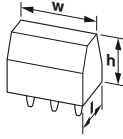
Connection capacity			
Solid / stranded	[mm ²]	0.5 - 16 / 0.5 - 16	
Stranded with ferrules without plastic sleeve	[mm ²]	0.5 - 16	
Stranded with ferrules with plastic sleeve	[mm ²]	0.5 - 16	
2 conductors with same cross section solid / stranded	[mm ²]	0.5 - 4 / 0.5 - 4	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.5 - 2.5	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 6	
Conductor cross section AWG/kcmil		20 - 6	
Stripping length	[mm]	10	
Tightening torque	[Nm]	1.2 - 1.5 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	76 / 16	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	1000	1000 1000
Rated surge voltage	[kV]	8	8 6
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	600 / 60	600 / 60 -
AWG		20-6	20-6 -
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

PCB terminal blocks

Conductor cross section up to 16 mm² (AWG 6)

Printed circuit board terminal, Push-in spring connection, Pitch: 10 mm

SPT 16/..-H, Zigzag pinning W



Dimensions	[mm]
Solder pin length	4
Length l	29
Height h	30



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPT 16/ 2-H-10,0-ZB	1735781	50	21.8
3	SPT 16/ 3-H-10,0-ZB	1735794	50	31.8
4	SPT 16/ 4-H-10,0-ZB	1735804	50	41.8
5	SPT 16/ 5-H-10,0-ZB	1735817	50	51.8
6	SPT 16/ 6-H-10,0-ZB	1735820	50	61.8
7	SPT 16/ 7-H-10,0-ZB	1735833	50	71.8
8	SPT 16/ 8-H-10,0-ZB	1735846	50	81.8
9	SPT 16/ 9-H-10,0-ZB	1735859	50	91.8

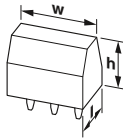


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.75 - 16 / 0.75 - 16	
Stranded with ferrules without plastic sleeve	[mm²]	0.75 - 16	
Stranded with ferrules with plastic sleeve	[mm²]	0.75 - 10	
2 conductors with same cross section solid / stranded	[mm²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.75 - 4	
Conductor cross section AWG/kcmil		20 - 4	
Stripping length	[mm]	18	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	76 / 16	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	1000	1000 1000
Rated surge voltage	[kV]	8	8 6
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	600 / 66	600 / 66 -
AWG		20-4	20-4 -
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Push-in spring connection, Pitch: 10 mm

SPT 16/..-H, Linear double pinning



Dimensions	[mm]
Solder pin length	4
Length l	29
Height h	30



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	SPT 16/ 1-H-10,0	1735778	50	11.8

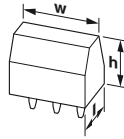


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.75 - 16 / 0.75 - 16	
Stranded with ferrules without plastic sleeve	[mm²]	0.75 - 16	
Stranded with ferrules with plastic sleeve	[mm²]	0.75 - 10	
2 conductors with same cross section solid / stranded	[mm²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.75 - 4	
Conductor cross section AWG/kcmil		20 - 4	
Stripping length	[mm]	18	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	76 / 16	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	1000	1000 1000
Rated surge voltage	[kV]	8	8 6
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 66	150 / 66 300 / 10
AWG		20-4	20-4 20-4
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Push-in spring connection, Pitch: 10 mm

SPT 16/...-V, Zigzag pinning W



Dimensions	[mm]
Solder pin length	4.1
Length l	24.7
Height h	31.3



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPT 16/ 2-V-10,0-ZB	1735875	50	21.8
3	SPT 16/ 3-V-10,0-ZB	1735888	50	31.8
4	SPT 16/ 4-V-10,0-ZB	1735891	50	41.8
5	SPT 16/ 5-V-10,0-ZB	1735901	50	51.8
6	SPT 16/ 6-V-10,0-ZB	1735914	50	61.8
7	SPT 16/ 7-V-10,0-ZB	1735927	50	71.8
8	SPT 16/ 8-V-10,0-ZB	1735930	50	81.8
9	SPT 16/ 9-V-10,0-ZB	1735943	50	91.8

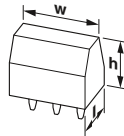


Technical data

Connection capacity			
Solid / stranded	[mm ²]	0.75 - 16 / 0.75 - 16	
Stranded with ferrules without plastic sleeve	[mm ²]	0.75 - 16	
Stranded with ferrules with plastic sleeve	[mm ²]	0.75 - 10	
2 conductors with same cross section solid / stranded	[mm ²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.75 - 4	
Conductor cross section AWG/kcmil		20 - 4	
Stripping length	[mm]	18	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	76 / 16	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	1000	1000 1000
Rated surge voltage	[kV]	8	8 6
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	600 / 66	600 / 66 -
AWG		20-4	20-4 -
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Push-in spring connection, Pitch: 10 mm

SPT 16/...-V, Linear double pinning



Dimensions	[mm]
Solder pin length	4.1
Length l	24.7
Height h	31.3



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	SPT 16/ 1-V-10,0	1735862	50	11.8



Technical data

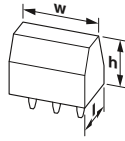
Connection capacity				
Solid / stranded	[mm ²]	0.75 - 16 / 0.75 - 16		
Stranded with ferrules without plastic sleeve	[mm ²]	0.75 - 16		
Stranded with ferrules with plastic sleeve	[mm ²]	0.75 - 10		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.75 - 4		
Conductor cross section AWG/kcmil		20 - 4		
Stripping length	[mm]	18		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	76 / 16		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 66	150 / 66	300 / 10
AWG		20-4	20-4	20-4
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB terminal blocks

Conductor cross section up to 16 mm² (AWG 6)

Printed circuit board terminal, Push-in spring connection, Pitch: 10 mm

SPTA 16/, Zigzag pinning W



Dimensions	[mm]
Solder pin length	4.1
Length l	32.7
Height h	38.1



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPTA 16/ 2-10,0-ZB	1819202	50	20
3	SPTA 16/ 3-10,0-ZB	1819215	50	30
4	SPTA 16/ 4-10,0-ZB	1819228	50	40
5	SPTA 16/ 5-10,0-ZB	1819231	50	50
6	SPTA 16/ 6-10,0-ZB	1819244	50	60
7	SPTA 16/ 7-10,0-ZB	1819257	50	70
8	SPTA 16/ 8-10,0-ZB	1819260	50	80
9	SPTA 16/ 9-10,0-ZB	1819273	50	90

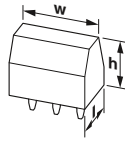


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.75 - 10 / 0.75 - 16	
Stranded with ferrules without plastic sleeve	[mm²]	0.75 - 16	
Stranded with ferrules with plastic sleeve	[mm²]	0.75 - 10	
2 conductors with same cross section solid / stranded	[mm²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.75 - 4	
Conductor cross section AWG/kcmil		18 - 4	
Stripping length	[mm]	18	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	76 / 10	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	1000	1000 1000
Rated surge voltage	[kV]	8	8 6
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	600 / 51	600 / 51 -
AWG		18-4	18-4 -
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Push-in spring connection, Pitch: 10.16 mm

TDPT 16/...-SP, Zigzag pinning W



Dimensions	[mm]
Solder pin length	3.5
Length l	31.9
Height h	31.2



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	TDPT 16/ 2-SP-10,16-ZB	1017531	50	17.74
3	TDPT 16/ 3-SP-10,16-ZB	1017532	50	27.9
4	TDPT 16/ 4-SP-10,16-ZB	1017533	50	38.06
5	TDPT 16/ 5-SP-10,16-ZB	1017534	50	48.22
6	TDPT 16/ 6-SP-10,16-ZB	1017535	50	58.38

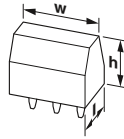


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.75 - 16 / 0.75 - 16	
Stranded with ferrules without plastic sleeve	[mm²]	0.75 - 16	
Stranded with ferrules with plastic sleeve	[mm²]	0.75 - 16	
2 conductors with same cross section solid / stranded	[mm²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.75 - 6	
Conductor cross section AWG/kcmil		20 - 6	
Stripping length	[mm]	18	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	76 / 16	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	800	1000 1000
Rated surge voltage	[kV]	8	8 6
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	600 / 58	600 / 58 300 / 10
AWG		20-6	20-6 20-6
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Spring-cage connection, Pitch: 10 mm

ZFKDS(A) 10, Linear pinning



Dimensions	[mm]
Solder pin length	6.5
Length l	33.4
Height h	27



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	ZFKDS 10-10,00	1986628	50	15
1	ZFKDSA 10-11,7	1987054	50	11.7

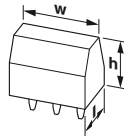


Technical data

Connection capacity			
Solid / stranded	[mm ²]	0.2 - 16 / 0.2 - 16	
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 10	
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 10	
2 conductors with same cross section solid / stranded	[mm ²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-	
Conductor cross section AWG/kcmil		24 - 6	
Stripping length	[mm]	12	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	76 / 16	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	320	400 800
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 65	150 / 65 300 / 10
AWG		24-6	24-6 24-6
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Spring-cage connection, Pitch: 15 mm

ZFKDS(A) 10, Linear pinning



Dimensions	[mm]
Solder pin length	6.5
Length l	33.4
Height h	27



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	ZFKDS 10-15,00	1986631	50	16.7
2	ZFKDSA 10-15,00- 2	1739295	50	30
4	ZFKDSA 10-15,00- 4	1709303	50	61.7
1	ZFKDSA 10-16,7	1987067	50	16.7



Technical data

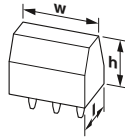
Connection capacity			
Solid / stranded	[mm ²]	0.2 - 16 / 0.2 - 16	
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 10	
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 10	
2 conductors with same cross section solid / stranded	[mm ²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-	
Conductor cross section AWG/kcmil		24 - 6	
Stripping length	[mm]	12	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	76 / 16	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	1000	1000 1000
Rated surge voltage	[kV]	8	8 8
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	600 / 65	600 / 65 -
AWG		24-6	24-6 -
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

PCB terminal blocks

Conductor cross section up to 16 mm² (AWG 6)

Printed circuit board terminal, Push-lock spring connection, Pitch: 10 mm

PLH 16/, Linear double pinning



Dimensions	[mm]
Solder pin length	4.5
Length l	30.5
Height h	29



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PLH 16/ 2-10	1770393	25	21.4
3	PLH 16/ 3-10	1770403	25	31.4
4	PLH 16/ 4-10	1770416	25	41.4
5	PLH 16/ 5-10	1770429	25	51.4
6	PLH 16/ 6-10	1770432	25	61.4
7	PLH 16/ 7-10	1770445	25	71.4
8	PLH 16/ 8-10	1770458	25	81.4
1	PLH 16/ 1-10	1703995	25	11.4

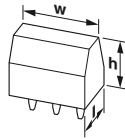


Technical data

Connection capacity				
Solid / stranded	[mm²]	0.75 - 16 / 0.75 - 25		
Stranded with ferrules without plastic sleeve	[mm²]	0.75 - 16		
Stranded with ferrules with plastic sleeve	[mm²]	0.75 - 10		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.75 - 4		
Conductor cross section AWG/kcmil		18 - 4		
Stripping length	[mm]	18		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	76 / 16		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	400	400	800
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 51	150 / 51	300 / 10
AWG		18-6	18-6	18-6
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Printed circuit board terminal, Push-lock spring connection, Pitch: 10 mm

PLH 16/, Zigzag pinning M



Dimensions	[mm]
Solder pin length	4.5
Length l	25
Height h	29



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PLH 16/ 2-10-ZF	1770461	25	21.4
3	PLH 16/ 3-10-ZF	1770474	25	31.4
4	PLH 16/ 4-10-ZF	1770487	25	41.4
5	PLH 16/ 5-10-ZF	1770490	25	51.4
6	PLH 16/ 6-10-ZF	1770500	25	61.4
7	PLH 16/ 7-10-ZF	1770513	25	71.4
8	PLH 16/ 8-10-ZF	1770526	25	81.4

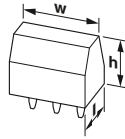


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.75 - 16 / 0.75 - 25	
Stranded with ferrules without plastic sleeve	[mm²]	0.75 - 16	
Stranded with ferrules with plastic sleeve	[mm²]	0.75 - 10	
2 conductors with same cross section solid / stranded	[mm²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.75 - 4	
Conductor cross section AWG/kcmil		18 - 4	
Stripping length	[mm]	18	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	76 / 16	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	1000	1000 1000
Rated surge voltage	[kV]	8	8 8
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	600 / 51	600 / 51 -
AWG		18-6	18-6 -
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Push-lock spring connection, Pitch: 15 mm

PLH 16/, Linear double pinning



Dimensions	[mm]
Solder pin length	4.5
Length l	30.5
Height h	33.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PLH 16/ 2-15	1770539	25	26.4
3	PLH 16/ 3-15	1770542	25	41.4
4	PLH 16/ 4-15	1770555	25	56.4
5	PLH 16/ 5-15	1770568	25	71.4
6	PLH 16/ 6-15	1770571	25	86.4
7	PLH 16/ 7-15	1770584	25	101.4
8	PLH 16/ 8-15	1770597	25	116.4



Technical data

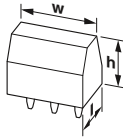
Connection capacity				
Solid / stranded	[mm²]	0.75 - 16 / 0.75 - 25		
Stranded with ferrules without plastic sleeve	[mm²]	0.75 - 16		
Stranded with ferrules with plastic sleeve	[mm²]	0.75 - 10		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.75 - 4		
Conductor cross section AWG/kcmil		18 - 4		
Stripping length	[mm]	18		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	76 / 16		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	8
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 66	600 / 66	-
AWG		18-4	18-4	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB terminal blocks

Conductor cross section up to 35 mm² (AWG 2)

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 15 mm

MKDSP 25, Linear pinning



Dimensions	[mm]
Solder pin length	4.5
Length l	31
Height h	39



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDSP 25/ 2-15,00	1932588	25	30
3	MKDSP 25/ 3-15,00	1932591	25	45
4	MKDSP 25/ 4-15,00	1932601	25	60
5	MKDSP 25/ 5-15,00	1932614	25	75
6	MKDSP 25/ 6-15,00	1932627	25	90
7	MKDSP 25/ 7-15,00	1932630	25	105
8	MKDSP 25/ 8-15,00	1932643	25	120
9	MKDSP 25/ 9-15,00	1932656	10	135

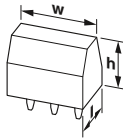


Technical data

Connection capacity			
Solid / stranded	[mm ²]	0.5 - 35 / 0.5 - 35	
Stranded with ferrules without plastic sleeve	[mm ²]	1 - 35	
Stranded with ferrules with plastic sleeve	[mm ²]	1.5 - 35	
2 conductors with same cross section solid / stranded	[mm ²]	0.5 - 6 / 0.5 - 6	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.5 - 4	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 16	
Conductor cross section AWG/kcmil		20 - 2	
Stripping length	[mm]	18	
Tightening torque	[Nm]	2.5 - 4.5 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	125 / 35	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	1000	1000 1000
Rated surge voltage	[kV]	8	8 8
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	600 / 115	600 / 115 -
AWG		20-2	20-2 -
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 15 mm

MKDSP 25/...-FL, Linear pinning



Dimensions	[mm]
Solder pin length	4.5
Length l	31
Height h	39



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	MKDSP 25/ 1-15,00-FL	1932575	25	30

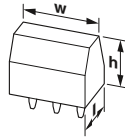


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.5 - 35 / 0.5 - 35	
Stranded with ferrules without plastic sleeve	[mm²]	1 - 35	
Stranded with ferrules with plastic sleeve	[mm²]	1.5 - 35	
2 conductors with same cross section solid / stranded	[mm²]	0.5 - 6 / 0.5 - 6	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.5 - 4	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 16	
Conductor cross section AWG/kcmil		20 - 2	
Stripping length	[mm]	18	
Tightening torque	[Nm]	2.5 - 4.5 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	125 / 35	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	1000	1000 1000
Rated surge voltage	[kV]	8	8 8
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	600 / 115	600 / 115 -
AWG		20-2	20-2 -
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 15 mm

MKDSP 25/...-F, Linear pinning



Dimensions	[mm]
Solder pin length	4.5
Length l	31
Height h	39



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDSP 25/ 2-15,00-F	1932494	25	60
3	MKDSP 25/ 3-15,00-F	1932504	25	75
4	MKDSP 25/ 4-15,00-F	1932517	25	90
5	MKDSP 25/ 5-15,00-F	1932520	25	105
6	MKDSP 25/ 6-15,00-F	1932533	25	120
7	MKDSP 25/ 7-15,00-F	1932546	25	135
8	MKDSP 25/ 8-15,00-F	1932559	25	150
9	MKDSP 25/ 9-15,00-F	1932562	25	165

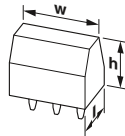


Technical data

Connection capacity				
Solid / stranded	[mm²]	0.5 - 35 / 0.5 - 35		
Stranded with ferrules without plastic sleeve	[mm²]	1 - 35		
Stranded with ferrules with plastic sleeve	[mm²]	1.5 - 35		
2 conductors with same cross section solid / stranded	[mm²]	0.5 - 6 / 0.5 - 6		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.5 - 4		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 16		
Conductor cross section AWG/kcmil		20 - 2		
Stripping length	[mm]	18		
Tightening torque	[Nm]	2.5 - 4.5 Nm		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	125 / 35		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	8
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 115	600 / 115	-
AWG		20-2	20-2	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Printed circuit board terminal, Push-in spring connection, Pitch: 15 mm

SPT 35/...-V, linear double pinning



Dimensions	[mm]
Solder pin length	5.9
Length l	35.2
Height h	38.3



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	SPT 35/ 1-V-15,00	1845331	20	17.75
2	SPT 35/ 2-V-15,00	1845344	20	35.2
3	SPT 35/ 3-V-15,00	1845357	20	47.75
4	SPT 35/ 4-V-15,00	1845360	20	62.75
5	SPT 35/ 5-V-15,00	1845373	20	77.75



Technical data

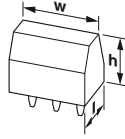
Connection capacity			
Solid / stranded	[mm ²]	1.5 - 16 / 1.5 - 35	
Stranded with ferrules without plastic sleeve	[mm ²]	1.5 - 35	
Stranded with ferrules with plastic sleeve	[mm ²]	1.5 - 35	
2 conductors with same cross section solid / stranded	[mm ²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-	
Conductor cross section AWG/kcmil		-	
Stripping length	[mm]	25	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	125 / 16	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	1000	1000 1000
Rated surge voltage	[kV]	8	8 6
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	600 / 101	600 / 101 -
AWG		14-2	14-2 -
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

PCB terminal blocks

Conductor cross section up to 50 mm² (AWG 2/0)

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 17.5 mm

MKDSP 50, Linear 2x2 pinning



Dimensions	[mm]
Solder pin length	4
Length l	32
Height h	55



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDSP 50/ 2-17,5	1856126	10	37.5
3	MKDSP 50/ 3-17,5	1856139	10	55
4	MKDSP 50/ 4-17,5	1856142	10	72.5
5	MKDSP 50/ 5-17,5	1856155	10	90

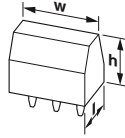


Technical data

Connection capacity			
Solid / stranded	[mm²]	1.5 - 70 / 1.5 - 70	
Stranded with ferrules without plastic sleeve	[mm²]	1.5 - 50	
Stranded with ferrules with plastic sleeve	[mm²]	1.5 - 50	
2 conductors with same cross section solid / stranded	[mm²]	1.5 - 16 / 1.5 - 25	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	1.5 - 16	
Conductor cross section AWG/kcmil		16 - 2/0	
Stripping length	[mm]	20	
Tightening torque	[Nm]	5.5 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	192 / 70	
Surge voltage category/degree of pollution		III / 3	III / 2 II / 2
Rated insulation voltage	[V]	1000	1000 1000
Rated surge voltage	[kV]	8	8 6
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	600 / 160	600 / 160 -
AWG		16	16 -
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 17.5 mm

MKDSP 50/...-FL, Linear 2x2 pinning



Dimensions	[mm]
Solder pin length	4
Length l	32
Height h	55



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	MKDSP 50/ 1-17,5-FL	1856168	10	32.6

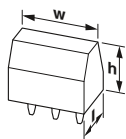


Technical data

Connection capacity			
Solid / stranded	[mm²]	1.5 - 70 / 1.5 - 70	
Stranded with ferrules without plastic sleeve	[mm²]	1.5 - 50	
Stranded with ferrules with plastic sleeve	[mm²]	1.5 - 50	
2 conductors with same cross section solid / stranded	[mm²]	1.5 - 16 / 1.5 - 25	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	1.5 - 16	
Conductor cross section AWG/kcmil		16 - 2/0	
Stripping length	[mm]	20	
Tightening torque	[Nm]	5.5 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	192 / 70	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	1000	1000 1000
Rated surge voltage	[kV]	8	8 6
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	600 / 160	600 / 160 -
AWG		16	16 -
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 17.5 mm

MKDSP 50/...-F, Linear 2x2 pinning



Dimensions	[mm]
Solder pin length	4
Length l	32
Height h	55



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDSP 50/ 2-17,5-F	1856171	10	62.7
3	MKDSP 50/ 3-17,5-F	1856184	10	80.2
4	MKDSP 50/ 4-17,5-F	1856197	10	97.7
5	MKDSP 50/ 5-17,5-F	1856207	10	115.2



Technical data

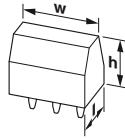
Connection capacity				
Solid / stranded	[mm ²]	1.5 - 70 / 1.5 - 70		
Stranded with ferrules without plastic sleeve	[mm ²]	1.5 - 50		
Stranded with ferrules with plastic sleeve	[mm ²]	1.5 - 50		
2 conductors with same cross section solid / stranded	[mm ²]	1.5 - 16 / 1.5 - 25		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	1.5 - 16		
Conductor cross section AWG/kcmil		16 - 2/0		
Stripping length	[mm]	20		
Tightening torque	[Nm]	5.5 Nm		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	192 / 70		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 160	600 / 160	-
AWG		16	16	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB terminal blocks

Nominal cross section up to 95 mm² (3/0)

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 20 mm

MKDSP 95/...-F, Linear three-way pinning



Dimensions	[mm]
Solder pin length	4
Length l	44
Height h	69



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDSP 95/ 2-20,0-F	1841869	5	72
3	MKDSP 95/ 3-20,0-F	1841872	5	92
4	MKDSP 95/ 4-20,0-F	1841885	5	112
5	MKDSP 95/ 5-20,0-F	1841898	5	132

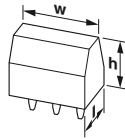


Technical data

Connection capacity			
Solid / stranded	[mm²]	10 - 16 / 25 - 95	
Stranded with ferrules without plastic sleeve	[mm²]	16 - 95	
Stranded with ferrules with plastic sleeve	[mm²]	16 - 95	
2 conductors with same cross section solid / stranded	[mm²]	16 - 25 / 16 - 25	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	16 - 25	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	16 - 25	
Conductor cross section AWG/kcmil		6 - 3/0	
Stripping length	[mm]	25	
Tightening torque	[Nm]	10 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	232 / 16	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	1000	1000 1000
Rated surge voltage	[kV]	8	8 6
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	600 / 200	600 / 200 -
AWG		6	6 -
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Printed circuit board terminal, Screw connection with tension sleeve, Pitch: 20 mm

MKDSP 95/...-F, Linear three-way pinning



Dimensions	[mm]
Solder pin length	4
Length l	44
Height h	69



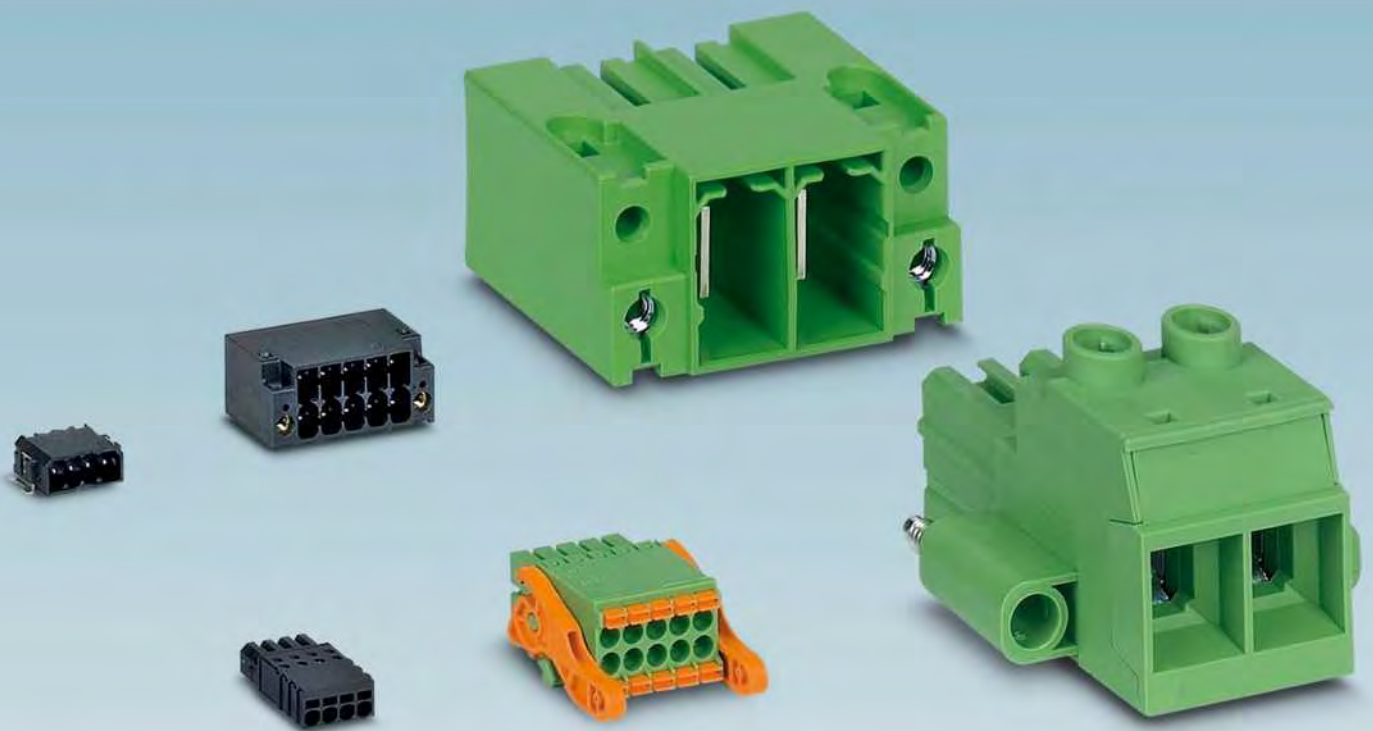
Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	MKDSP 95/ 1-20,0-FL	1841856	5	52



Technical data

Connection capacity			
Solid / stranded	[mm²]	10 - 16 / 25 - 95	
Stranded with ferrules without plastic sleeve	[mm²]	16 - 95	
Stranded with ferrules with plastic sleeve	[mm²]	16 - 95	
2 conductors with same cross section solid / stranded	[mm²]	16 - 25 / 16 - 25	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	16 - 25	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	16 - 25	
Conductor cross section AWG/kcmil		6 - 3/0	
Stripping length	[mm]	25	
Tightening torque	[Nm]	10 Nm	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	232 / 16	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	1000	1000 1000
Rated surge voltage	[kV]	8	8 6
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	600 / 200	600 / 200 -
AWG		6	6 -
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	



PCB connectors

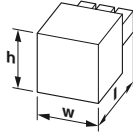
Conductor cross section up to 0.5 mm² (20 AWG)	132
Conductor cross section up to 1.5 mm² (AWG 16)	154
Conductor cross section up to 2.5 mm² (AWG 14)	239
Conductor cross section up to 4 mm² (AWG 12)	378
Conductor cross section up to 6 mm² (AWG 10)	382
Conductor cross sections up to 10 mm² (AWG 10)	402
Conductor cross section up to 16 mm² (AWG 6)	406
Conductor cross section up to 35 mm² (AWG 2)	432

PCB connectors

Conductor cross section up to 0.5 mm² (20 AWG)

PCB plug, Push-in spring connection, Pitch: 2.54 mm

FMC 0,5/-ST



Dimensions	[mm]
Length l	14
Height h	5.35



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FMC 0,5/ 2-ST-2,54	1821096	200	5.58
3	FMC 0,5/ 3-ST-2,54	1821106	200	8.12
4	FMC 0,5/ 4-ST-2,54	1821119	200	10.66
5	FMC 0,5/ 5-ST-2,54	1821122	200	13.2
6	FMC 0,5/ 6-ST-2,54	1821135	200	15.74
7	FMC 0,5/ 7-ST-2,54	1821148	100	18.28
8	FMC 0,5/ 8-ST-2,54	1821151	100	20.82
9	FMC 0,5/ 9-ST-2,54	1821164	100	23.36
10	FMC 0,5/ 10-ST-2,54	1821177	100	25.9
11	FMC 0,5/ 11-ST-2,54	1821180	100	28.44
12	FMC 0,5/ 12-ST-2,54	1821193	100	30.98
13	FMC 0,5/ 13-ST-2,54	1821203	100	33.52
14	FMC 0,5/ 14-ST-2,54	1821216	100	36.06
15	FMC 0,5/ 15-ST-2,54	1821229	100	38.6
16	FMC 0,5/ 16-ST-2,54	1821232	100	41.14

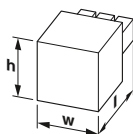


Technical data

Connection system / type of contact		MICRO COMBICON - FMC 0,5 / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm²]	0.14 - 0.5 / 0.14 - 0.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 0.34		
Stranded with ferrules with plastic sleeve	[mm²]	0.14 - 0.25		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-		
Conductor cross section AWG/kcmil		26 - 20		
Stripping length	[mm]	7		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	6 / 0.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	32	160	160
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	150 / 6	50 / 6	-
AWG		26-20	26-20	-
General data				
Type of insulation material / insulation material group		LCP / IIIa		
Inflammability class in acc. with UL 94		V0		

PCB plug, Crimp connection, Pitch: 2.54 mm

MCC 0,5/-ST



Dimensions	[mm]
Length l	16
Height h	3.95



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MCC 0,5/ 2-ST-2,54	1012266	250	5.58
3	MCC 0,5/ 3-ST-2,54	1012267	250	8.12
4	MCC 0,5/ 4-ST-2,54	1012268	250	10.66
5	MCC 0,5/ 5-ST-2,54	1012269	100	13.2
6	MCC 0,5/ 6-ST-2,54	1012270	100	15.74
7	MCC 0,5/ 7-ST-2,54	1012271	100	18.28
8	MCC 0,5/ 8-ST-2,54	1012272	100	20.82
9	MCC 0,5/ 9-ST-2,54	1012273	100	23.36
10	MCC 0,5/ 10-ST-2,54	1012274	100	25.9
11	MCC 0,5/ 11-ST-2,54	1012276	100	28.44
12	MCC 0,5/ 12-ST-2,54	1012277	100	30.98
13	MCC 0,5/ 13-ST-2,54	1012278	100	33.52
14	MCC 0,5/ 14-ST-2,54	1012279	100	36.06
15	MCC 0,5/ 15-ST-2,54	1012281	100	38.6
16	MCC 0,5/ 16-ST-2,54	1012282	100	41.14

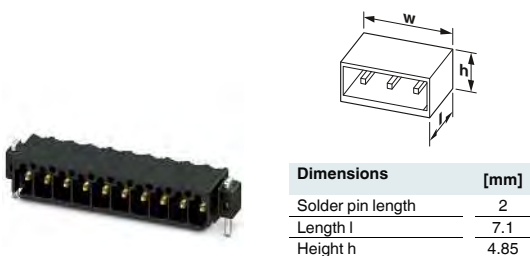


Technical data

Connection system / type of contact		MICRO COMBICON - FMC 0,5 / Female connector		
Locking		-		
Connection capacity				
Solid / stranded	[mm ²]	- / 0.14 - 0.75		
Stranded with ferrules without plastic sleeve	[mm ²]	-		
Stranded with ferrules with plastic sleeve	[mm ²]	-		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		26 - 18		
Stripping length	[mm]	4.5		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	6 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	150 / 6	-	150 / 6
AWG		26-18	-	26-18
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

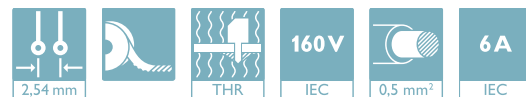
PCB headers, Pitch: 2.54 mm

MC 0,5/-G-THR, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MC 0,5/ 2-G-2,54 P20 THR R24	1821245	465	9.66
3	MC 0,5/ 3-G-2,54 P20 THR R24	1821258	465	12.2
4	MC 0,5/ 4-G-2,54 P20 THR R24	1821261	465	14.74
5	MC 0,5/ 5-G-2,54 P20 THR R44	1821274	465	17.28
6	MC 0,5/ 6-G-2,54 P20 THR R44	1821287	465	19.82
7	MC 0,5/ 7-G-2,54 P20 THR R44	1821290	465	22.36
8	MC 0,5/ 8-G-2,54 P20 THR R44	1821300	465	24.9
9	MC 0,5/ 9-G-2,54 P20 THR R44	1821313	465	27.44
10	MC 0,5/10-G-2,54 P20 THR R44	1821326	465	29.98
11	MC 0,5/11-G-2,54 P20 THR R56	1821339	465	32.52
12	MC 0,5/12-G-2,54 P20 THR R56	1821342	465	35.06
13	MC 0,5/13-G-2,54 P20 THR R56	1821355	465	37.6
14	MC 0,5/14-G-2,54 P20 THR R56	1821368	465	40.14
15	MC 0,5/15-G-2,54 P20 THR R56	1821371	465	42.68
16	MC 0,5/16-G-2,54 P20 THR R56	1821384	465	45.22

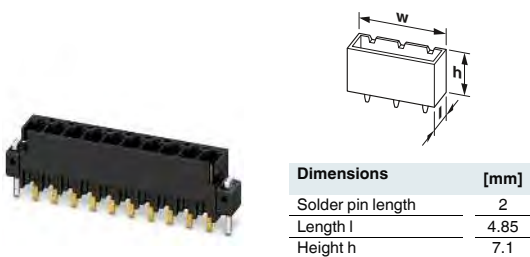


Technical data

Connection system / type of contact	MICRO COMBICON - FMC 0,5 / Male connector		
Locking	without		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	6 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	32	160
Rated surge voltage	[kV]	2.5	2.5
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	150 / 6	50 / 6
AWG		-	-
General data			
Type of insulation material / insulation material group	LCP / IIIa		
Inflammability class in acc. with UL 94	V0		

PCB headers, Pitch: 2.54 mm

MCV 0,5/-G-THR, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MCV 0,5/ 2-G-2,54 P20 THR R24	1821397	315	9.66
3	MCV 0,5/ 3-G-2,54 P20 THR R24	1821407	315	12.2
4	MCV 0,5/ 4-G-2,54 P20 THR R24	1821410	315	14.74
5	MCV 0,5/ 5-G-2,54 P20 THR R44	1821423	315	17.28
6	MCV 0,5/ 6-G-2,54 P20 THR R44	1821436	315	19.82
7	MCV 0,5/ 7-G-2,54 P20 THR R44	1821449	315	22.36
8	MCV 0,5/ 8-G-2,54 P20 THR R44	1821452	315	24.9
9	MCV 0,5/ 9-G-2,54 P20 THR R56	1821465	315	27.44
10	MCV 0,5/10-G-2,54 P20 THR R56	1821478	315	29.98
11	MCV 0,5/11-G-2,54 P20 THR R56	1821481	315	32.52
12	MCV 0,5/12-G-2,54 P20 THR R56	1821494	315	35.06
13	MCV 0,5/13-G-2,54 P20 THR R56	1821504	315	37.6
14	MCV 0,5/14-G-2,54 P20 THR R56	1821517	315	40.14
15	MCV 0,5/15-G-2,54 P20 THR R72	1821520	315	42.68
16	MCV 0,5/16-G-2,54 P20 THR R72	1821533	315	45.22



Technical data

Connection system / type of contact	MICRO COMBICON - FMC 0,5 / Male connector		
Locking	without		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	6 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	32	160
Rated surge voltage	[kV]	2.5	2.5
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	150 / 6	50 / 6
AWG		-	-
General data			
Type of insulation material / insulation material group	LCP / IIIa		
Inflammability class in acc. with UL 94	V0		

PCB connectors
Conductor cross section up to 0.5 mm² (20 AWG)

PCB headers, Pitch: 2.54 mm

MC 0,5/...-G-SMD, Linear pad geometry

Diagram and image of MC connector with dimensions table: Solder pin length 2, Length l 7.1, Height h 4.85



Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-16.

Icons for 2.54 mm pitch, SMD, 160 V IEC, 0,5 mm², 6 A IEC

Technical data table for MC connector. Includes electrical parameters (Rated current 6A, Rated insulation voltage 160V) and general data (LCP / IIIa, V0).

PCB headers, Pitch: 2.54 mm

MCV 0,5/...-G-SMD, Linear pad geometry

Diagram and image of MCV connector with dimensions table: Solder pin length 2, Length l 4.85, Height h 7.1



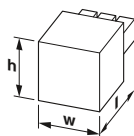
Ordering data table for MCV connector. Rows 2-16.

Icons for 2.54 mm pitch, SMD, 160 V IEC, 0,5 mm², 6 A IEC

Technical data table for MCV connector. Includes electrical parameters and general data.

PCB plug, Push-in spring connection, Pitch: 2.54 mm

DFMC 0,5/...-ST



Dimensions	[mm]
Length l	15.85
Height h	10.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DFMC 0,5/ 2-ST-2,54	1844578	100	5.58
3	DFMC 0,5/ 3-ST-2,54	1844581	100	8.12
4	DFMC 0,5/ 4-ST-2,54	1844594	100	10.66
5	DFMC 0,5/ 5-ST-2,54	1844604	100	13.2
6	DFMC 0,5/ 6-ST-2,54	1844617	100	15.74
7	DFMC 0,5/ 7-ST-2,54	1844620	50	18.28
8	DFMC 0,5/ 8-ST-2,54	1844633	50	20.82
9	DFMC 0,5/ 9-ST-2,54	1844646	50	23.36
10	DFMC 0,5/10-ST-2,54	1844659	50	25.9
11	DFMC 0,5/11-ST-2,54	1844662	50	28.44
12	DFMC 0,5/12-ST-2,54	1844675	50	30.98
13	DFMC 0,5/13-ST-2,54	1844688	50	33.52
14	DFMC 0,5/14-ST-2,54	1844691	50	36.06
15	DFMC 0,5/15-ST-2,54	1844701	50	38.6
16	DFMC 0,5/16-ST-2,54	1844714	50	41.14

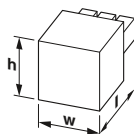


Technical data

Connection system / type of contact		MICRO COMBICON - DFMC 0,5 / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm²]	0.14 - 0.5 / 0.14 - 0.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 0.34		
Stranded with ferrules with plastic sleeve	[mm²]	0.14 - 0.25		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-		
Conductor cross section AWG/kcmil		26 - 20		
Stripping length	[mm]	7		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	6 / 0.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	32	160	160
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	150 / 6	50 / 6	-
AWG		26-20	26-20	-
General data				
Type of insulation material / insulation material group		LCP / IIIa		
Inflammability class in acc. with UL 94		V0		

PCB plug, Crimp connection, Pitch: 2.54 mm

DMCC 0,5/...-ST



Dimensions	[mm]
Length l	16
Height h	6.49

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DMCC 0,5/ 2-ST-2,54	1027603	100	5.58
3	DMCC 0,5/ 3-ST-2,54	1027605	100	8.12
4	DMCC 0,5/ 4-ST-2,54	1027606	100	10.66
5	DMCC 0,5/ 5-ST-2,54	1027607	100	13.2
6	DMCC 0,5/ 6-ST-2,54	1027608	100	15.74
7	DMCC 0,5/ 7-ST-2,54	1027609	50	18.28
8	DMCC 0,5/ 8-ST-2,54	1027610	50	20.82
9	DMCC 0,5/ 9-ST-2,54	1027611	50	23.36
10	DMCC 0,5/10-ST-2,54	1027612	50	25.9
11	DMCC 0,5/11-ST-2,54	1027613	50	28.44
12	DMCC 0,5/12-ST-2,54	1027614	50	30.98
13	DMCC 0,5/13-ST-2,54	1027615	50	33.52
14	DMCC 0,5/14-ST-2,54	1027616	50	36.06
15	DMCC 0,5/15-ST-2,54	1027617	50	38.6
16	DMCC 0,5/16-ST-2,54	1027618	50	41.14



Technical data

Connection system / type of contact		MICRO COMBICON - DFMC 0,5 / Female connector		
Locking		-		
Connection capacity				
Solid / stranded	[mm ²]	- / 0.14 - 0.75		
Stranded with ferrules without plastic sleeve	[mm ²]	-		
Stranded with ferrules with plastic sleeve	[mm ²]	-		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		26 - 18		
Stripping length	[mm]	4.5		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	6 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	150 / 6	-	150 / 6
AWG		26-18	-	26-18
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors
Conductor cross section up to 0.5 mm² (20 AWG)

PCB headers, Pitch: 2.54 mm

DMC 0,5/...-G1-THR

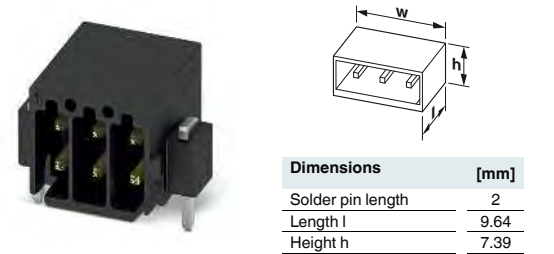


Table with 2 columns: Dimensions, [mm]. Rows include Solder pin length (2), Length l (9.64), and Height h (7.39).



Ordering data table with 5 columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-16 listing various DMC connector types and their specifications.



Technical data table for DMC 0,5 / Male connector without. Includes connection system, locking, electrical parameters (rated current, surge voltage, insulation voltage, surge voltage), approval data (UL/CUL), use group, nominal voltage/current, AWG, general data (insulation material, inflammability class).

PCB headers, Pitch: 2.54 mm

DMCV 0,5/...-G1-THR

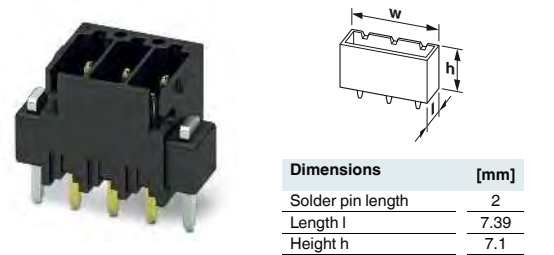
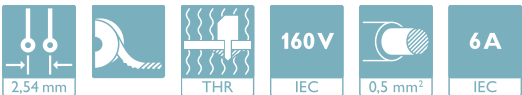


Table with 2 columns: Dimensions, [mm]. Rows include Solder pin length (2), Length l (7.39), and Height h (7.1).



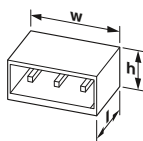
Ordering data table with 5 columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-16 listing various DMCV connector types and their specifications.



Technical data table for DMCV 0,5 / Male connector without. Includes connection system, locking, electrical parameters (rated current, surge voltage, insulation voltage, surge voltage), approval data (UL/CUL), use group, nominal voltage/current, AWG, general data (insulation material, inflammability class).

PCB headers, Pitch: 2.54 mm

DMC 0,5/...-G1-SMD, Linear pad geometry



Dimensions	[mm]
Solder pin length	2
Length l	9.64
Height h	7.39



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DMC 0,5/ 2-G1-2,54 SMD R24	1845027	300	9.66
3	DMC 0,5/ 3-G1-2,54 SMD R24	1845030	300	12.2
4	DMC 0,5/ 4-G1-2,54 SMD R44	1845043	300	10.66
5	DMC 0,5/ 5-G1-2,54 SMD R44	1845056	300	13.2
6	DMC 0,5/ 6-G1-2,54 SMD R44	1845069	300	15.74
7	DMC 0,5/ 7-G1-2,54 SMD R44	1845072	300	18.28
8	DMC 0,5/ 8-G1-2,54 SMD R44	1845085	300	20.82
9	DMC 0,5/ 9-G1-2,54 SMD R44	1845098	300	23.36
10	DMC 0,5/10-G1-2,54 SMD R44	1845108	300	25.9
11	DMC 0,5/11-G1-2,54 SMD R56	1845111	300	28.44
12	DMC 0,5/12-G1-2,54 SMD R72	1845124	300	30.98
13	DMC 0,5/13-G1-2,54 SMD R56	1845137	300	33.52
14	DMC 0,5/14-G1-2,54 SMD R72	1845140	300	36.06
15	DMC 0,5/15-G1-2,54 SMD R56	1845153	300	38.6
16	DMC 0,5/16-G1-2,54 SMD R72	1845166	300	41.14

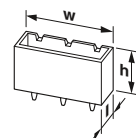


Technical data

Connection system / type of contact	MICRO COMBICON - DFM 0,5 / Male connector without		
Locking			
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	6 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	32	160
Rated surge voltage	[kV]	2.5	2.5
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	150 / 6	50 / 6
AWG		-	-
General data			
Type of insulation material / insulation material group	LCP / IIIa		
Inflammability class in acc. with UL 94	V0		

PCB headers, Pitch: 2.54 mm

DMCV 0,5/...-G1-SMD, Linear pad geometry



Dimensions	[mm]
Solder pin length	2
Length l	7.39
Height h	7.1



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DMCV 0,5/ 2-G1-2,54 SMD R32	1845179	330	9.66
3	DMCV 0,5/ 3-G1-2,54 SMD R24	1845182	330	12.2
4	DMCV 0,5/ 4-G1-2,54 SMD R32	1845195	330	10.66
5	DMCV 0,5/ 5-G1-2,54 SMD R44	1845205	330	13.2
6	DMCV 0,5/ 6-G1-2,54 SMD R44	1845218	330	15.74
7	DMCV 0,5/ 7-G1-2,54 SMD R44	1845221	330	18.28
8	DMCV 0,5/ 8-G1-2,54 SMD R44	1845234	330	20.82
9	DMCV 0,5/ 9-G1-2,54 SMD R44	1845247	330	23.36
10	DMCV 0,5/10-G1-2,54 SMD R44	1845250	330	25.9
11	DMCV 0,5/11-G1-2,54 SMD R56	1845263	330	28.44
12	DMCV 0,5/12-G1-2,54 SMD R72	1845276	330	30.98
13	DMCV 0,5/13-G1-2,54 SMD R56	1845289	330	33.52
14	DMCV 0,5/14-G1-2,54 SMD R72	1845292	330	36.06
15	DMCV 0,5/15-G1-2,54 SMD R56	1845302	330	38.6
16	DMCV 0,5/16-G1-2,54 SMD R72	1845315	330	41.14



Technical data

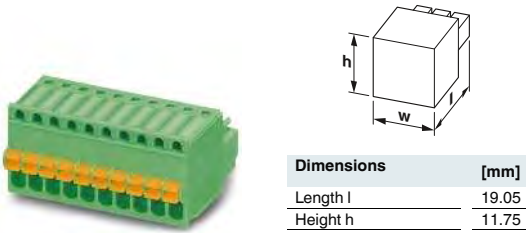
Connection system / type of contact	MICRO COMBICON - DFM 0,5 / Male connector without		
Locking			
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	6 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	32	160
Rated surge voltage	[kV]	2.5	2.5
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	150 / 6	50 / 6
AWG		-	-
General data			
Type of insulation material / insulation material group	LCP / IIIa		
Inflammability class in acc. with UL 94	V0		

PCB connectors

Conductor cross section up to 0.5 mm² (20 AWG)

PCB plug, Push-in spring connection, Pitch: 2.5 mm

FK-MC 0,5/-ST



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FK-MC 0,5/ 2-ST-2,5	1881325	50	5.6
3	FK-MC 0,5/ 3-ST-2,5	1881338	50	8.1
4	FK-MC 0,5/ 4-ST-2,5	1881341	50	10.6
5	FK-MC 0,5/ 5-ST-2,5	1881354	50	13.1
6	FK-MC 0,5/ 6-ST-2,5	1881367	50	15.6
7	FK-MC 0,5/ 7-ST-2,5	1881370	50	18.1
8	FK-MC 0,5/ 8-ST-2,5	1881383	50	20.6
9	FK-MC 0,5/ 9-ST-2,5	1881396	50	23.1
10	FK-MC 0,5/10-ST-2,5	1881406	50	25.6
11	FK-MC 0,5/11-ST-2,5	1881419	50	28.1
12	FK-MC 0,5/12-ST-2,5	1881422	50	30.6

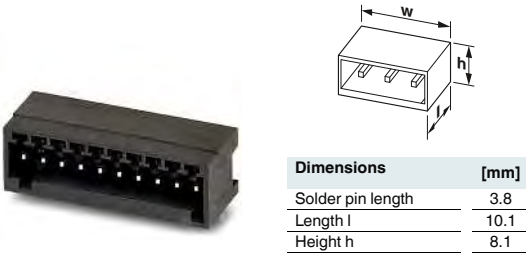


Technical data

Connection system / type of contact		MICRO COMBICON - FK-MC 0,5 / Female connector		
Locking		-		
Connection capacity				
Solid / stranded	[mm ²]	0.14 - 0.5 / 0.14 - 0.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 0.5		
Stranded with ferrules with plastic sleeve	[mm ²]	-		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		26 - 20		
Stripping length	[mm]	8		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	4 / 0.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	100	160	320
Rated surge voltage	[kV]	1.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	125 / 4	-	-
AWG		28-20	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB headers, Pitch: 2.5 mm

MC 0,5/-G-THT, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MC 0,5/ 2-G-2,5 THT R44	1963641	330	6.9
3	MC 0,5/ 3-G-2,5 THT R44	1963654	330	9.4
4	MC 0,5/ 4-G-2,5 THT R44	1963667	330	11.9
5	MC 0,5/ 5-G-2,5 THT R44	1963670	330	14.4
6	MC 0,5/ 6-G-2,5 THT R44	1963683	330	16.9
7	MC 0,5/ 7-G-2,5 THT R44	1963696	330	19.4
8	MC 0,5/ 8-G-2,5 THT R44	1963706	330	21.9
9	MC 0,5/ 9-G-2,5 THT R44	1963719	330	24.4
10	MC 0,5/10-G-2,5 THT R44	1963722	330	26.9
11	MC 0,5/11-G-2,5 THT R44	1963735	330	29.4
12	MC 0,5/12-G-2,5 THT R44	1963748	330	31.9

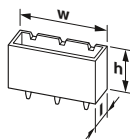


Technical data

Connection system / type of contact	MICRO COMBICON - FK-MC 0,5 / Male connector		
Locking	without		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	4 / -	
Surge voltage category/degree of pollution		III / 3	III / 2
Rated insulation voltage	[V]	32	160
Rated surge voltage	[kV]	1.5	2.5
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	125 / 4	-
AWG		-	-
General data			
Type of insulation material / insulation material group		PA / IIIa	
Inflammability class in acc. with UL 94		V0	

PCB headers, Pitch: 2.5 mm

MCV 0,5/...-G-THT, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	8.1
Height h	10.1



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MCV 0,5/ 2-G-2,5 THT R44	1963751	220	6.9
3	MCV 0,5/ 3-G-2,5 THT R44	1963764	220	9.4
4	MCV 0,5/ 4-G-2,5 THT R44	1963777	220	11.9
5	MCV 0,5/ 5-G-2,5 THT R44	1963780	220	14.4
6	MCV 0,5/ 6-G-2,5 THT R44	1963793	220	16.9
7	MCV 0,5/ 7-G-2,5 THT R44	1963803	220	19.4
8	MCV 0,5/ 8-G-2,5 THT R44	1963816	220	21.9
9	MCV 0,5/ 9-G-2,5 THT R44	1963829	220	24.4
10	MCV 0,5/10-G-2,5 THT R44	1963845	220	26.9
11	MCV 0,5/11-G-2,5 THT R44	1963858	220	29.4
12	MCV 0,5/12-G-2,5 THT R44	1963861	220	31.9

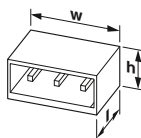


Technical data

Connection system / type of contact	MICRO COMBICON - FK-MC 0,5 / Male connector without		
Locking			
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	4 / -	
Surge voltage category/degree of pollution		III / 3	III / 2
Rated insulation voltage	[V]	32	160
Rated surge voltage	[kV]	1.5	2.5
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	125 / 4	-
AWG		-	-
General data			
Type of insulation material / insulation material group		PA / IIIa	
Inflammability class in acc. with UL 94		V0	

PCB headers, Pitch: 2.5 mm

MC 0,5/...-G-THT, Linear pinning



Dimensions	[mm]
Solder pin length	3.8
Length l	10.1
Height h	8.1



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MC 0,5/ 2-G-2,5 THT	1963421	50	6.9
3	MC 0,5/ 3-G-2,5 THT	1963434	50	9.4
4	MC 0,5/ 4-G-2,5 THT	1963447	50	11.9
5	MC 0,5/ 5-G-2,5 THT	1963450	50	14.4
6	MC 0,5/ 6-G-2,5 THT	1963463	50	16.9
7	MC 0,5/ 7-G-2,5 THT	1963476	50	19.4
8	MC 0,5/ 8-G-2,5 THT	1939303	50	21.9
9	MC 0,5/ 9-G-2,5 THT	1963492	50	24.4
10	MC 0,5/10-G-2,5 THT	1963502	50	26.9
11	MC 0,5/11-G-2,5 THT	1963515	50	29.4
12	MC 0,5/12-G-2,5 THT	1939316	50	31.9



Technical data

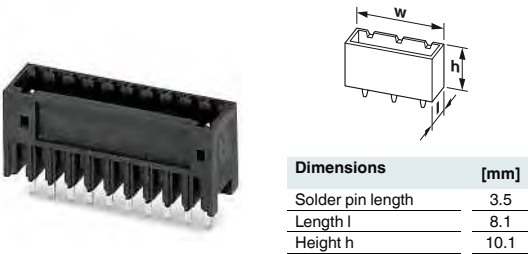
Connection system / type of contact	MICRO COMBICON - FK-MC 0,5 / Male connector without		
Locking			
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	4 / -	
Surge voltage category/degree of pollution		III / 3	III / 2
Rated insulation voltage	[V]	32	160
Rated surge voltage	[kV]	1.5	2.5
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	125 / 4	-
AWG		-	-
General data			
Type of insulation material / insulation material group		PA / IIIa	
Inflammability class in acc. with UL 94		V0	

PCB connectors

Conductor cross section up to 0.5 mm² (20 AWG)

PCB headers, Pitch: 2.5 mm

MCV 0,5/...-G-THT, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MCV 0,5/ 2-G-2,5 THT	1963531	50	6.9
3	MCV 0,5/ 3-G-2,5 THT	1963544	50	9.4
4	MCV 0,5/ 4-G-2,5 THT	1963557	50	11.9
5	MCV 0,5/ 5-G-2,5 THT	1963560	50	14.4
6	MCV 0,5/ 6-G-2,5 THT	1963573	50	16.9
7	MCV 0,5/ 7-G-2,5 THT	1963586	50	19.4
8	MCV 0,5/ 8-G-2,5 THT	1963599	50	21.9
9	MCV 0,5/ 9-G-2,5 THT	1963609	50	24.4
10	MCV 0,5/10-G-2,5 THT	1963612	50	26.9
11	MCV 0,5/11-G-2,5 THT	1963625	50	29.4
12	MCV 0,5/12-G-2,5 THT	1963638	50	31.9

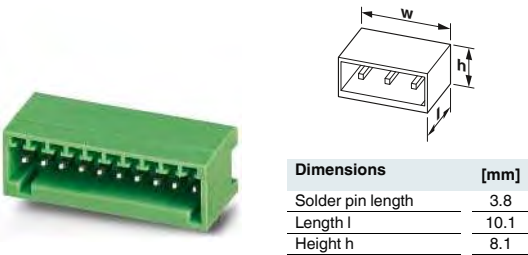


Technical data

Connection system / type of contact		MICRO COMBICON - FK-MC 0,5 / Male connector		
Locking		without		
Electrical parameters				
Rated current / conductor cross section		[A] / [mm²]	4 / -	
Surge voltage category/degree of pollution			III / 3	III / 2
Rated insulation voltage		[V]	32	160
Rated surge voltage		[kV]	1.5	2.5
Approval data (UL/CUL)				
Use Group			B	C
Nominal voltage/current		[V] / [A]	125 / 4	-
AWG			-	-
General data				
Type of insulation material / insulation material group			PA / IIIa	
Inflammability class in acc. with UL 94			V0	

PCB headers, Pitch: 2.5 mm

MC 0,5/...-G, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MC 0,5/ 2-G-2,5	1881448	50	6.9
3	MC 0,5/ 3-G-2,5	1881451	50	9.4
4	MC 0,5/ 4-G-2,5	1881464	50	11.9
5	MC 0,5/ 5-G-2,5	1881477	50	14.4
6	MC 0,5/ 6-G-2,5	1881480	50	16.9
7	MC 0,5/ 7-G-2,5	1881493	50	19.4
8	MC 0,5/ 8-G-2,5	1881503	50	21.9
9	MC 0,5/ 9-G-2,5	1881516	50	24.4
10	MC 0,5/10-G-2,5	1881529	50	26.9
11	MC 0,5/11-G-2,5	1881532	50	29.4
12	MC 0,5/12-G-2,5	1881545	50	31.9

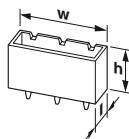


Technical data

Connection system / type of contact		MICRO COMBICON - FK-MC 0,5 / Male connector		
Locking		without		
Electrical parameters				
Rated current / conductor cross section		[A] / [mm²]	4 / -	
Surge voltage category/degree of pollution			III / 3	III / 2
Rated insulation voltage		[V]	80	160
Rated surge voltage		[kV]	1.5	2.5
Approval data (UL/CUL)				
Use Group			B	C
Nominal voltage/current		[V] / [A]	125 / 4	-
AWG			-	-
General data				
Type of insulation material / insulation material group			PA / I	
Inflammability class in acc. with UL 94			V0	

PCB headers, Pitch: 2.5 mm

MCV 0,5/...-G, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	8.1
Height h	10.1



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MCV 0,5/ 2-G-2,5	1881558	50	6.9
3	MCV 0,5/ 3-G-2,5	1881561	50	9.7
4	MCV 0,5/ 4-G-2,5	1881574	50	12.2
5	MCV 0,5/ 5-G-2,5	1881587	50	14.7
6	MCV 0,5/ 6-G-2,5	1881590	50	17.2
7	MCV 0,5/ 7-G-2,5	1881600	50	19.7
8	MCV 0,5/ 8-G-2,5	1881613	50	22.2
9	MCV 0,5/ 9-G-2,5	1881626	50	24.7
10	MCV 0,5/10-G-2,5	1881639	50	27.2
11	MCV 0,5/11-G-2,5	1881642	50	29.7
12	MCV 0,5/12-G-2,5	1881655	50	32.2

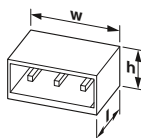


Technical data

Connection system / type of contact	MICRO COMBICON - FK-MC 0,5 / Male connector without		
Locking			
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	4 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	80	160
Rated surge voltage	[kV]	1.5	2.5
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	125 / 4	-
AWG		-	-
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

PCB headers, Pitch: 2.5 mm

MCD 0,5/...-G1, Linear pinning



Dimensions	[mm]
Solder pin length	3.8
Length l	17.5
Height h	21.85



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MCD 0,5/ 2-G1-2,5	1894804	50	6.9
3	MCD 0,5/ 3-G1-2,5	1894817	50	9.4
4	MCD 0,5/ 4-G1-2,5	1894820	50	11.9
5	MCD 0,5/ 5-G1-2,5	1894833	50	14.4
6	MCD 0,5/ 6-G1-2,5	1894846	50	16.9
7	MCD 0,5/ 7-G1-2,5	1894859	50	19.4
8	MCD 0,5/ 8-G1-2,5	1894862	50	21.9
9	MCD 0,5/ 9-G1-2,5	1894875	50	24.4
10	MCD 0,5/10-G1-2,5	1894888	50	26.9
11	MCD 0,5/11-G1-2,5	1894891	50	29.4
12	MCD 0,5/12-G1-2,5	1894901	50	31.9



Technical data

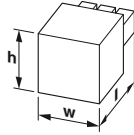
Connection system / type of contact	MICRO COMBICON - FK-MC 0,5 / Male connector without		
Locking			
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	4 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	80	160
Rated surge voltage	[kV]	1.5	2.5
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	125 / 4	-
AWG		-	-
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

PCB connectors

Conductor cross section up to 0.5 mm² (20 AWG)

PCB plug, Push-in spring connection, Pitch: 2.5 mm

PTSM 0,5/...-P



Dimensions	[mm]
Length l	15
Height h	5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PTSM 0,5/ 2-P-2,5	1778832	250	6.1
3	PTSM 0,5/ 3-P-2,5	1778845	250	8.6
4	PTSM 0,5/ 4-P-2,5	1778858	250	11.1
5	PTSM 0,5/ 5-P-2,5	1778861	100	13.6
6	PTSM 0,5/ 6-P-2,5	1778874	100	16.1
7	PTSM 0,5/ 7-P-2,5	1778887	100	18.6
8	PTSM 0,5/ 8-P-2,5	1778890	100	21.1

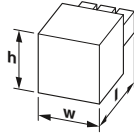


Technical data

Connection system / type of contact		COMBICON COMPACT PTSM / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm²]	0.14 - 0.5 / 0.2 - 0.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 0.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 0.34		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-		
Conductor cross section AWG/kcmil		24 - 20		
Stripping length	[mm]	6		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	6 / 0.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	100	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current		150 / 5	-	-
AWG		26-18	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 2.5 mm

PTSM 0,5/...-P WH



Dimensions	[mm]
Length l	15
Height h	5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PTSM 0,5/ 2-P-2,5 WH	1704853	250	6.1
3	PTSM 0,5/ 3-P-2,5 WH	1704854	250	8.6
4	PTSM 0,5/ 4-P-2,5 WH	1704857	250	11.1
5	PTSM 0,5/ 5-P-2,5 WH	1704858	100	13.6
6	PTSM 0,5/ 6-P-2,5 WH	1704859	100	16.1
7	PTSM 0,5/ 7-P-2,5 WH	1704860	100	18.6
8	PTSM 0,5/ 8-P-2,5 WH	1704861	100	21.1

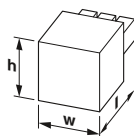


Technical data

Connection system / type of contact		COMBICON COMPACT PTSM / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.14 - 0.5 / 0.2 - 0.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 0.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.34		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		24 - 20		
Stripping length	[mm]	6		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	6 / 0.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	100	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	150 / 5	-	-
AWG		26-18	-	-
General data				
Type of insulation material / insulation material group		HT PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 2.5 mm

PTSM 0,5/...-PL WH



Dimensions	[mm]
Length l	15
Height h	5.2



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PTSM 0,5/ 2-PL-2,5 WH	1709457	250	11.46
3	PTSM 0,5/ 3-PL-2,5 WH	1709459	250	13.96
4	PTSM 0,5/ 4-PL-2,5 WH	1709460	250	16.46
5	PTSM 0,5/ 5-PL-2,5 WH	1709462	100	18.96
6	PTSM 0,5/ 6-PL-2,5 WH	1709463	100	21.46
7	PTSM 0,5/ 7-PL-2,5 WH	1709464	100	23.96
8	PTSM 0,5/ 8-PL-2,5 WH	1709465	100	26.46

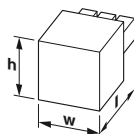


Technical data

Connection system / type of contact		COMBICON COMPACT PTSM / Female connector		
Locking		-		
Connection capacity				
Solid / stranded	[mm²]	0.14 - 0.5 / 0.2 - 0.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 0.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 0.34		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-		
Conductor cross section AWG/kcmil		24 - 20		
Stripping length	[mm]	6		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	6 / 0.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	100	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	150 / 5	-	-
AWG		26-18	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 2.5 mm

PTSM 0,5/...-PI WH



Dimensions	[mm]
Length l	15.5
Height h	5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PTSM 0,5/ 2-PI-2,5 WH	1709450	250	6.7
3	PTSM 0,5/ 3-PI-2,5 WH	1709451	250	9.2
4	PTSM 0,5/ 4-PI-2,5 WH	1709452	250	11.7
5	PTSM 0,5/ 5-PI-2,5 WH	1709453	100	14.2
6	PTSM 0,5/ 6-PI-2,5 WH	1709454	100	16.7
7	PTSM 0,5/ 7-PI-2,5 WH	1709455	100	19.2
8	PTSM 0,5/ 8-PI-2,5 WH	1709456	100	21.7



Technical data

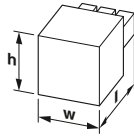
Connection system / type of contact		COMBICON COMPACT PTSM / Male connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.14 - 0.5 / 0.2 - 0.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 0.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.34		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		24 - 20		
Stripping length	[mm]	6		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	6 / 0.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	100	160	320
Rated surge voltage	[kV]	1.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	150 / 5	-	-
AWG		26-18	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 0.5 mm² (20 AWG)

PCB plug, Crimp connection, Pitch: 2.5 mm

PTCM 0,5/...-PL



Dimensions	[mm]
Length l	16.2
Height h	3.9



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PTCM 0,5/ 2-PL-2,5 WH	1015464	250	29.46
3	PTCM 0,5/ 3-PL-2,5 WH	1015463	250	26.96
4	PTCM 0,5/ 4-PL-2,5 WH	1015462	250	24.46
5	PTCM 0,5/ 5-PL-2,5 WH	1015461	100	21.96
6	PTCM 0,5/ 6-PL-2,5 WH	1015460	100	19.46
7	PTCM 0,5/ 7-PL-2,5 WH	1015459	100	16.96
8	PTCM 0,5/ 8-PL-2,5 WH	1015458	100	14.46

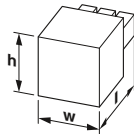


Technical data

Connection system / type of contact		COMBICON COMPACT PTSM / Female connector		
Locking		-		
Connection capacity				
Solid / stranded	[mm ²]	- / 0.14 - 0.75		
Stranded with ferrules without plastic sleeve	[mm ²]	-		
Stranded with ferrules with plastic sleeve	[mm ²]	-		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		26 - 18		
Stripping length	[mm]	4.5		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	6 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	150 / 6	-	150 / 6
AWG		22-18	-	22-18
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Crimp connection, Pitch: 2.5 mm

PTCM 0,5/...-PI



Dimensions	[mm]
Length l	18.3
Height h	5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PTCM 0,5/ 2-PI-2,5 WH	1015242	250	6.7
3	PTCM 0,5/ 3-PI-2,5 WH	1015243	250	9.2
4	PTCM 0,5/ 4-PI-2,5 WH	1015244	250	11.7
5	PTCM 0,5/ 5-PI-2,5 WH	1015245	100	14.2
6	PTCM 0,5/ 6-PI-2,5 WH	1015246	100	16.7
7	PTCM 0,5/ 7-PI-2,5 WH	1015247	100	19.2
8	PTCM 0,5/ 8-PI-2,5 WH	1015248	100	21.7

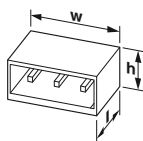


Technical data

Connection system / type of contact		COMBICON COMPACT PTSM / Male connector		
Locking		-		
Connection capacity				
Solid / stranded	[mm ²]	- / 0.14 - 0.75		
Stranded with ferrules without plastic sleeve	[mm ²]	-		
Stranded with ferrules with plastic sleeve	[mm ²]	-		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		26 - 18		
Stripping length	[mm]	4.5		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	6 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	150 / 5	-	150 / 5
AWG		22-18	-	22-18
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB headers, Pitch: 2.5 mm

PTSM 0,5/...-HH-THR, Linear pinning



Dimensions	[mm]
Solder pin length	2
Length l	7.5
Height h	5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PTSM 0,5/ 2-HH-2,5-THR R16	1778625	500	6.7
3	PTSM 0,5/ 3-HH-2,5-THR R32	1778638	500	9.2
4	PTSM 0,5/ 4-HH-2,5-THR R32	1778641	500	11.7
5	PTSM 0,5/ 5-HH-2,5-THR R32	1778654	500	14.2
6	PTSM 0,5/ 6-HH-2,5-THR R32	1778667	500	16.7
7	PTSM 0,5/ 7-HH-2,5-THR R44	1778670	500	19.2
8	PTSM 0,5/ 8-HH-2,5-THR R44	1778683	500	21.7

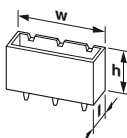


Technical data

Connection system / type of contact	COMBICON COMPACT PTSM / Male connector without		
Locking			
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	6 / -	
Surge voltage category/degree of pollution		III / 3	III / 2
Rated insulation voltage	[V]	50	160
Rated surge voltage	[kV]	2.5	2.5
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	150 / 5	-
AWG		-	-
General data			
Type of insulation material / insulation material group	LCP / IIIa		
Inflammability class in acc. with UL 94	V0		

PCB headers, Pitch: 2.5 mm

PTSM 0,5/...-HV-THR, Linear pinning



Dimensions	[mm]
Solder pin length	2
Length l	5
Height h	7.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PTSM 0,5/ 2-HV-2,5-THR R32	1778557	330	6.7
3	PTSM 0,5/ 3-HV-2,5-THR R32	1778560	330	9.2
4	PTSM 0,5/ 4-HV-2,5-THR R32	1778573	330	11.7
5	PTSM 0,5/ 5-HV-2,5-THR R32	1778586	330	14.2
6	PTSM 0,5/ 6-HV-2,5-THR R32	1778599	330	16.7
7	PTSM 0,5/ 7-HV-2,5-THR R44	1778609	330	19.2
8	PTSM 0,5/ 8-HV-2,5-THR R44	1778612	330	21.7



Technical data

Connection system / type of contact	COMBICON COMPACT PTSM / Male connector without		
Locking			
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	6 / -	
Surge voltage category/degree of pollution		III / 3	III / 2
Rated insulation voltage	[V]	50	160
Rated surge voltage	[kV]	2.5	2.5
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	150 / 5	-
AWG		-	-
General data			
Type of insulation material / insulation material group	LCP / IIIa		
Inflammability class in acc. with UL 94	V0		

PCB connectors
Conductor cross section up to 0.5 mm² (20 AWG)

PCB headers, Pitch: 2.5 mm

PTSM 0,5/...-HH-THR WH, Linear pinning

Image of PTSM 0,5/...-HH-THR WH connector and its dimensions diagram. Dimensions table: Solder pin length 2, Length l 7.5, Height h 5.



Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-8 showing various PTSM models and their specifications.

Icons representing technical specifications: 2,5 mm pitch, THR type, 160 V IEC, 0,5 mm² conductor cross section, 6 A IEC.

Technical data table for PTSM / Male connector. Includes connection system, locking, electrical parameters (rated current, surge voltage, insulation voltage), approval data (UL/CUL), use group, nominal voltage/current, AWG, general data (insulation material, inflammability class).

PCB headers, Pitch: 2.5 mm

PTSM 0,5/...-HV-THR WH, Linear pinning

Image of PTSM 0,5/...-HV-THR WH connector and its dimensions diagram. Dimensions table: Solder pin length 2, Length l 5, Height h 7.5.



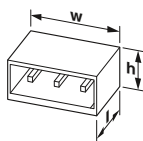
Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-8 showing various PTSM models and their specifications.

Icons representing technical specifications: 32 mm width, THR type, 160 V IEC, 6 A IEC, 2,5 mm pitch, 0,5 mm² conductor cross section.

Technical data table for PTSM / Male connector. Includes connection system, locking, electrical parameters (rated current, surge voltage, insulation voltage), approval data (UL/CUL), use group, nominal voltage/current, AWG, general data (insulation material, inflammability class).

PCB headers, Pitch: 2.5 mm

PTSM 0,5/...-HHI-THR, Linear pinning



Dimensions	[mm]
Solder pin length	2.1
Length l	12
Height h	5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PTSM 0,5/ 2-HHI1-2,5-THR R24	1810780	500	5.5
3	PTSM 0,5/ 3-HHI1-2,5-THR R32	1810793	500	8
4	PTSM 0,5/ 4-HHI1-2,5-THR R32	1810803	500	10.5
5	PTSM 0,5/ 5-HHI1-2,5-THR R32	1810816	500	13
6	PTSM 0,5/ 6-HHI1-2,5-THR R32	1810829	500	15.5
7	PTSM 0,5/ 7-HHI1-2,5-THR R32	1810832	500	18
8	PTSM 0,5/ 8-HHI1-2,5-THR R32	1810845	500	20.5

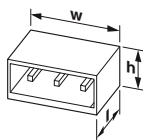


Technical data

Connection system / type of contact	COMBICON COMPACT PTSM / Female connector without		
Locking			
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	6 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	63	160
Rated surge voltage	[kV]	2.5	2.5
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	150 / 5	-
AWG		-	-
General data			
Type of insulation material / insulation material group		LCP / IIIa	
Inflammability class in acc. with UL 94		V0	

PCB headers, Pitch: 2.5 mm

PTSM 0,5/...-HHI-THR WH



Dimensions	[mm]
Solder pin length	2.1
Length l	12
Height h	5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PTSM 0,5/ 2-HHI-2,5-THR WH R24	1814980	500	5.5
3	PTSM 0,5/ 3-HHI-2,5-THR WH R32	1814993	500	8
4	PTSM 0,5/ 4-HHI-2,5-THR WH R32	1815002	500	10.5
5	PTSM 0,5/ 5-HHI-2,5-THR WH R32	1815015	500	13
6	PTSM 0,5/ 6-HHI-2,5-THR WH R32	1815028	500	15.5
7	PTSM 0,5/ 7-HHI-2,5-THR WH R32	1815031	500	18
8	PTSM 0,5/ 8-HHI-2,5-THR WH R32	1815044	500	20.5



Technical data

Connection system / type of contact	COMBICON COMPACT PTSM / Female connector without		
Locking			
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	6 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	160	160
Rated surge voltage	[kV]	2.5	2.5
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	150 / 5	-
AWG		-	-
General data			
Type of insulation material / insulation material group		HT PA / I	
Inflammability class in acc. with UL 94		V0	

PCB connectors
Conductor cross section up to 0.5 mm² (20 AWG)

PCB headers, Pitch: 2.5 mm

PTSM 0,5/...-HH-SMD, Linear pad geometry

Image of PTSM 0,5/...-HH-SMD connector and its dimensions diagram. Dimensions table: Solder pin length -, Length l 7.5, Height h 5.



Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-8 showing various PTSM models and their specifications.

Icons representing connector features: THR, 0,5 mm², 160 V IEC, 2,5 mm, 6 A IEC.

Technical data table for PTSM / Male connector. Includes sections for Connection system, Locking, Electrical parameters (Rated current, Surge voltage, etc.), Approval data (UL/CUL), Use Group, Nominal voltage/current, AWG, General data (Insulation material, Inflammability class).

PCB headers, Pitch: 2.5 mm

PTSM 0,5/...-HH-SMD WH, Linear pad geometry

Image of PTSM 0,5/...-HH-SMD WH connector and its dimensions diagram. Dimensions table: Solder pin length -, Length l 9.5, Height h 5.



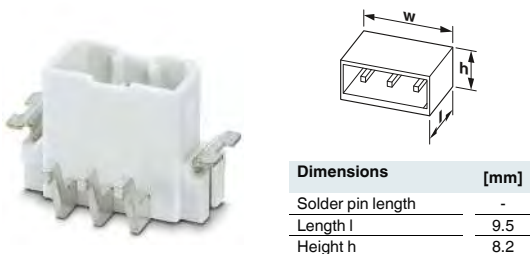
Ordering data table for WH series. Columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-8 showing various PTSM WH models.

Icons representing connector features: 32 mm, SMD, 160 V IEC, 6 A IEC, 2,5 mm, 0,5 mm².

Technical data table for PTSM WH / Male connector. Includes sections for Connection system, Locking, Electrical parameters, Approval data, Use Group, Nominal voltage/current, AWG, General data.

PCB headers, Pitch: 2.5 mm

PTSM 0,5/...-HTB-SMD WH, Linear pad geometry



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PTSM 0,5/ 2-HTB-2,5-SMD WH R24	1830126	330	9.7
3	PTSM 0,5/ 3-HTB-2,5-SMD WH R44	1830139	330	12.2
4	PTSM 0,5/ 4-HTB-2,5-SMD WH R44	1830142	330	14.7
5	PTSM 0,5/ 5-HTB-2,5-SMD WH R44	1830155	330	17.2
6	PTSM 0,5/ 6-HTB-2,5-SMD WH R44	1830168	330	19.7
7	PTSM 0,5/ 7-HTB-2,5-SMD WH R44	1830171	330	22.2
8	PTSM 0,5/ 8-HTB-2,5-SMD WH R44	1830184	330	24.7

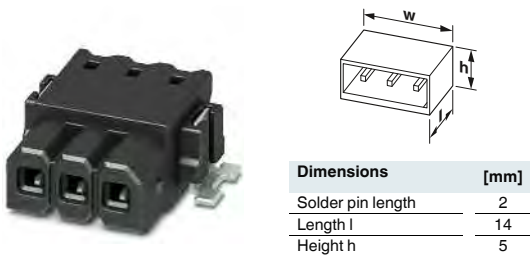


Technical data

Connection system / type of contact	COMBICON COMPACT PTSM / Male connector without		
Locking			
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	6 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	125	160
Rated surge voltage	[kV]	2.5	2.5
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	150 / 5	-
AWG		-	-
General data			
Type of insulation material / insulation material group		HT PA / I	
Inflammability class in acc. with UL 94		V0	

PCB headers, Pitch: 2.5 mm

PTSM 0,5/...-HHI-SMD, Linear pad geometry



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PTSM 0,5/ 2-HHI-2,5-SMD R24	1810719	500	9.8
3	PTSM 0,5/ 3-HHI-2,5-SMD R44	1810722	500	12.3
4	PTSM 0,5/ 4-HHI-2,5-SMD R44	1810735	500	14.8
5	PTSM 0,5/ 5-HHI-2,5-SMD R44	1810748	500	17.3
6	PTSM 0,5/ 6-HHI-2,5-SMD R44	1810751	500	19.8
7	PTSM 0,5/ 7-HHI-2,5-SMD R44	1810764	500	22.3
8	PTSM 0,5/ 8-HHI-2,5-SMD R44	1810777	500	24.8



Technical data

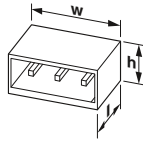
Connection system / type of contact	COMBICON COMPACT PTSM / Female connector without		
Locking			
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	6 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	63	160
Rated surge voltage	[kV]	2.5	2.5
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	150 / 5	-
AWG		-	-
General data			
Type of insulation material / insulation material group		LCP / IIIa	
Inflammability class in acc. with UL 94		V0	

PCB connectors

Conductor cross section up to 0.5 mm² (20 AWG)

PCB headers, Pitch: 2.5 mm

PTSM 0,5/...HHI-SMD WH, Linear pad geometry



Dimensions	[mm]
Solder pin length	-
Length l	14
Height h	5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PTSM 0,5/ 2-HHI0-2,5-SMD WHR24	1815196	500	9.8
3	PTSM 0,5/ 3-HHI0-2,5-SMD WHR44	1815206	500	12.3
4	PTSM 0,5/ 4-HHI0-2,5-SMD WHR44	1815219	500	14.8
5	PTSM 0,5/ 5-HHI0-2,5-SMD WHR44	1815222	500	17.3
6	PTSM 0,5/ 6-HHI0-2,5-SMD WHR44	1815235	500	19.8
7	PTSM 0,5/ 7-HHI0-2,5-SMD WHR44	1815248	500	22.3
8	PTSM 0,5/ 8-HHI0-2,5-SMD WHR44	1815251	500	24.8

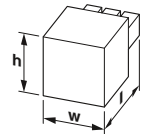


Technical data

Connection system / type of contact		COMBICON COMPACT PTSM / Female connector		
Locking		without		
Electrical parameters				
Rated current / conductor cross section		[A] / [mm²]	6 / -	
Surge voltage category/degree of pollution			III/3	III / 2 II / 2
Rated insulation voltage		[V]	160	160 320
Rated surge voltage		[kV]	2.5	2.5 2.5
Approval data (UL/CUL)				
Use Group			B	C D
Nominal voltage/current		[V] / [A]	150 / 5	- -
AWG			-	- -
General data				
Type of insulation material / insulation material group			PA / I	
Inflammability class in acc. with UL 94			V0	

PCB plug, Push-in spring connection, Pitch: 3.5 mm

FK-MPT 0,5/...ST



Dimensions	[mm]
Length l	9.5
Height h	8.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FK-MPT 0,5/ 2-ST-3,5	1913921	50	7.5
3	FK-MPT 0,5/ 3-ST-3,5	1913934	50	11
4	FK-MPT 0,5/ 4-ST-3,5	1913947	50	14.5
5	FK-MPT 0,5/ 5-ST-3,5	1913950	50	18
6	FK-MPT 0,5/ 6-ST-3,5	1913963	50	21.5
7	FK-MPT 0,5/ 7-ST-3,5	1913976	50	25
8	FK-MPT 0,5/ 8-ST-3,5	1913989	50	28.5
9	FK-MPT 0,5/ 9-ST-3,5	1913992	50	32
10	FK-MPT 0,5/ 10-ST-3,5	1914001	50	35.5
11	FK-MPT 0,5/ 11-ST-3,5	1914027	50	39
12	FK-MPT 0,5/ 12-ST-3,5	1914030	50	42.5
13	FK-MPT 0,5/ 13-ST-3,5	1914043	50	46
14	FK-MPT 0,5/ 14-ST-3,5	1914056	50	49.5
15	FK-MPT 0,5/ 15-ST-3,5	1914069	50	53
16	FK-MPT 0,5/ 16-ST-3,5	1914072	50	56.5

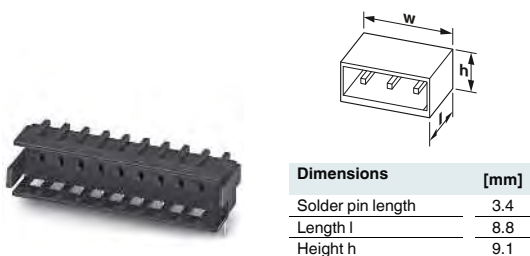


Technical data

Connection system / type of contact		COMBICON COMPACT PST 1 / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm²]	0.12 - 0.5 / -		
Stranded with ferrules without plastic sleeve	[mm²]	-		
Stranded with ferrules with plastic sleeve	[mm²]	-		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-		
Conductor cross section AWG/kcmil		26 - 20		
Stripping length	[mm]	6.5		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	4 / 0.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	250	250
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 4	-	300 / 4
AWG		28-20	-	28-20
General data				
Type of insulation material / insulation material group		PBT / IIIa		
Inflammability class in acc. with UL 94		V0		

PCB headers, Pitch: 3.5 mm

FK-MPT 0,5/...-ICA, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FK-MPT 0,5/ 2-ICA-3,5	1930328	50	9.5
3	FK-MPT 0,5/ 3-ICA-3,5	1930331	50	13
4	FK-MPT 0,5/ 4-ICA-3,5	1930344	50	16.5
5	FK-MPT 0,5/ 5-ICA-3,5	1930357	50	20
6	FK-MPT 0,5/ 6-ICA-3,5	1930360	50	23.5
8	FK-MPT 0,5/ 8-ICA-3,5	1930386	50	27
9	FK-MPT 0,5/ 9-ICA-3,5	1930399	50	30.5
10	FK-MPT 0,5/10-ICA-3,5	1930409	50	34
11	FK-MPT 0,5/11-ICA-3,5	1930412	50	37.5
12	FK-MPT 0,5/12-ICA-3,5	1930425	50	41
13	FK-MPT 0,5/13-ICA-3,5	1930438	50	44.5
14	FK-MPT 0,5/14-ICA-3,5	1930441	50	48
15	FK-MPT 0,5/15-ICA-3,5	1930454	50	51.5
16	FK-MPT 0,5/16-ICA-3,5	1930467	50	55

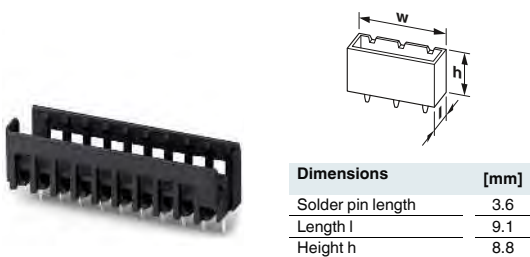


Technical data

Connection system / type of contact		COMBICON COMPACT FK-MPT - IC / Female connector without		
Locking				
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	3 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	250	250
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 4	-	300 / 4
AWG		-	-	-
General data				
Type of insulation material / insulation material group		PA / IIIa		
Inflammability class in acc. with UL 94		V0		

PCB headers, Pitch: 3.5 mm

FK-MPT 0,5/...-ICVA, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FK-MPT 0,5/ 2-ICVA-3,5	1930470	50	9.5
3	FK-MPT 0,5/ 3-ICVA-3,5	1930483	50	13
4	FK-MPT 0,5/ 4-ICVA-3,5	1930496	50	16.5
5	FK-MPT 0,5/ 5-ICVA-3,5	1930506	50	20
6	FK-MPT 0,5/ 6-ICVA-3,5	1930519	50	23.5
7	FK-MPT 0,5/ 7-ICVA-3,5	1930522	50	27
8	FK-MPT 0,5/ 8-ICVA-3,5	1930535	50	30.5
9	FK-MPT 0,5/ 9-ICVA-3,5	1930548	50	34
10	FK-MPT 0,5/10-ICVA-3,5	1930551	50	37.5
11	FK-MPT 0,5/11-ICVA-3,5	1930564	50	41
12	FK-MPT 0,5/12-ICVA-3,5	1930577	50	44.5
13	FK-MPT 0,5/13-ICVA-3,5	1930580	50	48
14	FK-MPT 0,5/14-ICVA-3,5	1930593	50	51.5
15	FK-MPT 0,5/15-ICVA-3,5	1930603	50	55
16	FK-MPT 0,5/16-ICVA-3,5	1930616	50	58.5



Technical data

Connection system / type of contact		COMBICON COMPACT FK-MPT - IC / Female connector without		
Locking				
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	3 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	250	250
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 4	-	300 / 4
AWG		-	-	-
General data				
Type of insulation material / insulation material group		PA / IIIa		
Inflammability class in acc. with UL 94		V0		

PCB connectors
Conductor cross section up to 0.5 mm² (20 AWG)

Pin strip, Pitch: 3.5 mm

PST 1,0/...-H, Linear pinning

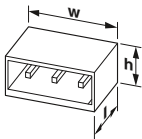


Table with 2 columns: Dimensions, [mm]. Rows include Solder pin length (6.6), Length l (10.5), and Height h (2.8).



Ordering data table with 5 columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Lists 24 different pin strip configurations.

Icons representing technical specifications: THR, 0°, IEC, 250 V, 8 A, 3.5 mm, 1,5mm².

Technical data table for PST 1 / Male connector. Includes sections for Connection system, Locking, Electrical parameters, Approval data, and General data.

Pin strip, Pitch: 3.5 mm

PST 1,0/...-V, Linear pinning

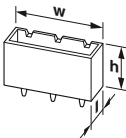


Table with 2 columns: Dimensions, [mm]. Rows include Solder pin length (3.8), Length l (2.8), and Height h (9.2).



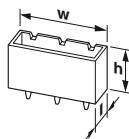
Ordering data table with 5 columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Lists 24 different pin strip configurations.

Icons representing technical specifications: THR, 90°, IEC, 250 V, 8 A, 3.5 mm, 0,5 mm².

Technical data table for PST 1 / Male connector. Includes sections for Connection system, Locking, Electrical parameters, Approval data, and General data.

Pin strip, Pitch: 3.5 mm

PST 1,0/..-V, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	2.8
Height h	9.2



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PST 1,0/ 2-3,5 R24	1720233	330	6.6
3	PST 1,0/ 3-3,5 R24	1720246	330	10.1
4	PST 1,0/ 4-3,5 R24	1995525	330	13.6
5	PST 1,0/ 5-3,5 R56	1720259	250	17.1
6	PST 1,0/ 6-3,5 R56	1720262	250	20.6
7	PST 1,0/ 7-3,5 R56	1995538	250	24.1
8	PST 1,0/ 8-3,5 R56	1720275	250	27.6
9	PST 1,0/ 9-3,5 R56	1995541	250	31.3
10	PST 1,0/10-3,5 R56	1720288	250	34.8
11	PST 1,0/11-3,5 R56	1720291	250	38.3
12	PST 1,0/12-3,5 R72	1752544	250	41.8



Technical data

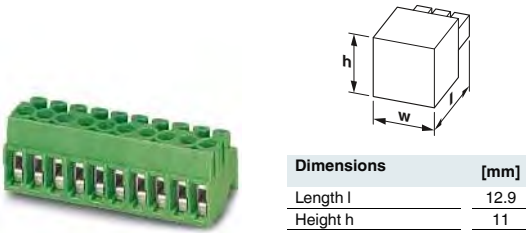
Connection system / type of contact	COMBICON COMPACT PST 1 / Male connector without		
Locking			
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	8 / -	
Surge voltage category/degree of pollution		III / 3	III / 2
Rated insulation voltage	[V]	160	250
Rated surge voltage	[kV]	2.5	2.5
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 10	-
AWG		-	-
General data			
Type of insulation material / insulation material group		PA / IIIa	
Inflammability class in acc. with UL 94		V0	

PCB connectors

Conductor cross section up to 1.5 mm² (AWG 16)

PCB plug, Screw connection with wire protector, Pitch: 3.5 mm

PT 1,5/..-PH



Dimensions	[mm]
Length l	12.9
Height h	11



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PT 1,5/ 2-PH-3,5	1984316	250	7
3	PT 1,5/ 3-PH-3,5	1984329	250	10.5
4	PT 1,5/ 4-PH-3,5	1984332	250	14
5	PT 1,5/ 5-PH-3,5	1984345	100	17.5
6	PT 1,5/ 6-PH-3,5	1984358	100	21
7	PT 1,5/ 7-PH-3,5	1984361	100	24.5
8	PT 1,5/ 8-PH-3,5	1984374	100	28
9	PT 1,5/ 9-PH-3,5	1984387	100	31.5
10	PT 1,5/10-PH-3,5	1984390	100	35
11	PT 1,5/11-PH-3,5	1984400	50	38.5
12	PT 1,5/12-PH-3,5	1984413	50	42
13	PT 1,5/13-PH-3,5	1984426	50	45.5
14	PT 1,5/14-PH-3,5	1984439	50	49
15	PT 1,5/15-PH-3,5	1984442	50	52.5
16	PT 1,5/16-PH-3,5	1984455	50	56

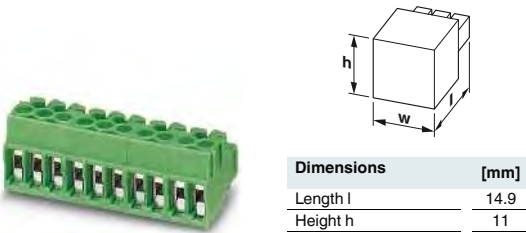


Technical data

Connection system / type of contact		COMBICON COMPACT PST 1 / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	-		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.75		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 0.34 / 0.2 - 0.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		26 - 16		
Stripping length	[mm]	5		
Tightening torque	[Nm]	0.22 - 0.25		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	200	400
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		26-16	-	26-16
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with wire protector, Pitch: 3.5 mm

PT 1,5/..-PVH



Dimensions	[mm]
Length l	14.9
Height h	11



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PT 1,5/ 2-PVH-3,5	1984015	250	7
3	PT 1,5/ 3-PVH-3,5	1984028	250	10.5
4	PT 1,5/ 4-PVH-3,5	1984031	250	14
5	PT 1,5/ 5-PVH-3,5	1984044	100	17.5
6	PT 1,5/ 6-PVH-3,5	1984057	100	21
7	PT 1,5/ 7-PVH-3,5	1984060	100	24.5
8	PT 1,5/ 8-PVH-3,5	1984073	100	28
9	PT 1,5/ 9-PVH-3,5	1984086	100	31.5
10	PT 1,5/10-PVH-3,5	1984099	100	35
11	PT 1,5/11-PVH-3,5	1984109	50	38.5
12	PT 1,5/12-PVH-3,5	1984112	50	42
13	PT 1,5/13-PVH-3,5	1984125	50	45.5
14	PT 1,5/14-PVH-3,5	1984138	50	49
15	PT 1,5/15-PVH-3,5	1984141	50	52.5
16	PT 1,5/16-PVH-3,5	1984154	50	56

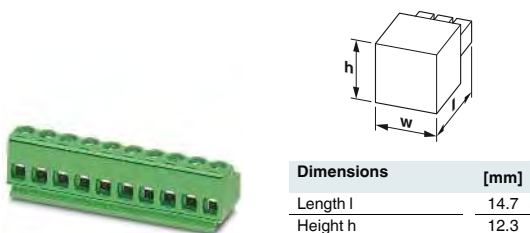


Technical data

Connection system / type of contact		COMBICON COMPACT PST 1 / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	-		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.75		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 0.34 / 0.2 - 0.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		26 - 16		
Stripping length	[mm]	5		
Tightening torque	[Nm]	0.22 - 0.25		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	200	400
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		26-16	-	26-16
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 5 mm

PT 1,5/...-PH CLIP



Dimensions	[mm]
Length l	14.7
Height h	12.3



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PT 1,5/ 2-PH-5,0 CLIP	1755732	250	10
3	PT 1,5/ 3-PH-5,0 CLIP	1755745	250	15
4	PT 1,5/ 4-PH-5,0 CLIP	1755758	250	20
5	PT 1,5/ 5-PH-5,0 CLIP	1755761	100	25
6	PT 1,5/ 6-PH-5,0 CLIP	1755774	100	30
7	PT 1,5/ 7-PH-5,0 CLIP	1755787	100	35
8	PT 1,5/ 8-PH-5,0 CLIP	1755790	100	40
9	PT 1,5/ 9-PH-5,0 CLIP	1755800	100	45
10	PT 1,5/10-PH-5,0 CLIP	1755813	100	50
11	PT 1,5/11-PH-5,0 CLIP	1755826	50	55
12	PT 1,5/12-PH-5,0 CLIP	1755839	50	60
13	PT 1,5/13-PH-5,0 CLIP	1755842	50	65
14	PT 1,5/14-PH-5,0 CLIP	1755855	50	70
15	PT 1,5/15-PH-5,0 CLIP	1755868	50	75
16	PT 1,5/16-PH-5,0 CLIP	1755871	50	80

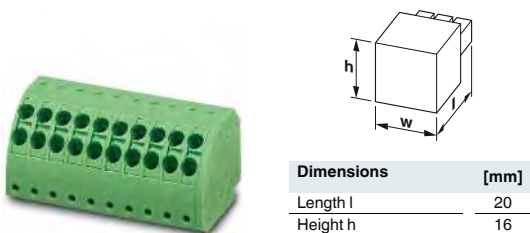


Technical data

Connection system / type of contact		COMBICON COMPACT PST 1,3 / Female connector without		
Locking				
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	- 0.5		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		26 - 14		
Stripping length	[mm]	6		
Tightening torque	[Nm]	0.35 - 0.4		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	10 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	400	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		28-14	-	28-14
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 5	-	300 / 5
AWG		26-14	-	26-14
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 3.5 mm

PTDA 1,5/...-PH, Linear double pinning



Dimensions	[mm]
Length l	20
Height h	16



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PTDA 1,5/ 2-PH-3,5	1725107	250	8.4
3	PTDA 1,5/ 3-PH-3,5	1725120	250	11.9
4	PTDA 1,5/ 4-PH-3,5	1725133	250	15.4
5	PTDA 1,5/ 5-PH-3,5	1725146	100	18.9
6	PTDA 1,5/ 6-PH-3,5	1725159	100	22.4
7	PTDA 1,5/ 7-PH-3,5	1725172	100	25.9
8	PTDA 1,5/ 8-PH-3,5	1725185	100	29.4
9	PTDA 1,5/ 9-PH-3,5	1725198	100	32.9
10	PTDA 1,5/10-PH-3,5	1725211	100	36.4
11	PTDA 1,5/11-PH-3,5	1725224	50	39.9
12	PTDA 1,5/12-PH-3,5	1725237	50	43.4
13	PTDA 1,5/13-PH-3,5	1725250	50	46.9
14	PTDA 1,5/14-PH-3,5	1725263	50	50.4
15	PTDA 1,5/15-PH-3,5	1725276	50	53.9
16	PTDA 1,5/16-PH-3,5	1725289	50	57.4



Technical data

Connection system / type of contact		COMBICON COMPACT PST 1 / Female connector without		
Locking				
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.5 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.5 - 0.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.5 - 1.5		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 0.5		
Conductor cross section AWG/kcmil		24 - 16		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	240	400
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	150 / 10	-	300 / 10
AWG		24-16	-	24-16
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors
Conductor cross section up to 1.5 mm² (AWG 16)

Pin strip, Pitch: 3.5 mm

PST 1,0/...-H, Linear pinning

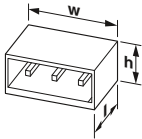


Table with 2 columns: Dimensions, [mm]. Rows include Solder pin length (6.6), Length l (10.5), and Height h (2.8).



Ordering data table with 5 columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Lists 24 different configurations from PST 1,0/ 2-H-3,5 to PST 1,0/24-H-3,5.

Pin strip, Pitch: 3.5 mm

PST 1,0/...-V, Linear pinning

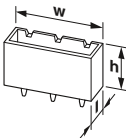


Table with 2 columns: Dimensions, [mm]. Rows include Solder pin length (3.8), Length l (2.8), and Height h (9.2).



Ordering data table with 5 columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Lists 24 different configurations from PST 1,0/ 2-3,5 to PST 1,0/24-3,5.

Icons representing features: THR, 0°, 250 V IEC, 8 A IEC, 3.5 mm, and 1,5mm².

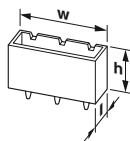
Technical data table for PST 1 / Male connector. Includes connection system, locking, electrical parameters (rated current, surge voltage, insulation voltage), approval data (UL/CUL), use group, nominal voltage/current, and general data (insulation material, inflammability class).

Icons representing features: THR, 90°, 250 V IEC, 8 A IEC, 3.5 mm, and 0,5 mm².

Technical data table for PST 1 / Male connector. Includes connection system, locking, electrical parameters (rated current, surge voltage, insulation voltage), approval data (UL/CUL), use group, nominal voltage/current, and general data (insulation material, inflammability class).

Pin strip, Pitch: 3.5 mm

PST 1,0/...-V, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	2.8
Height h	9.2



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PST 1,0/ 2-3,5 R24	1720233	330	6.6
3	PST 1,0/ 3-3,5 R24	1720246	330	10.1
4	PST 1,0/ 4-3,5 R24	1995525	330	13.6
5	PST 1,0/ 5-3,5 R56	1720259	250	17.1
6	PST 1,0/ 6-3,5 R56	1720262	250	20.6
7	PST 1,0/ 7-3,5 R56	1995538	250	24.1
8	PST 1,0/ 8-3,5 R56	1720275	250	27.6
9	PST 1,0/ 9-3,5 R56	1995541	250	31.3
10	PST 1,0/10-3,5 R56	1720288	250	34.8
11	PST 1,0/11-3,5 R56	1720291	250	38.3
12	PST 1,0/12-3,5 R72	1752544	250	41.8

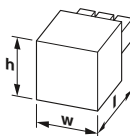


Technical data

Connection system / type of contact	COMBICON COMPACT PST 1 / Male connector without		
Locking			
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	8 / -	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	160	250 250
Rated surge voltage	[kV]	2.5	2.5 2.5
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 10	- -
AWG		-	- -
General data			
Type of insulation material / insulation material group		PA / IIIa	
Inflammability class in acc. with UL 94		V0	

PCB direct plug, Push-in spring connection, Pitch: 3.5 mm

SDDC 1,5/...-PV, Linear double pinning



Dimensions	[mm]
Length l	13.5
Height h	17.6



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SDDC 1,5/ 2-PV-3,5	1848642	250	14.3
2	SDDC 1,5/ 2-PV-3,5	1848642	250	14.3
3	SDDC 1,5/ 3-PV-3,5	1848655	250	17.8
4	SDDC 1,5/ 4-PV-3,5	1848668	250	21.3
5	SDDC 1,5/ 5-PV-3,5	1848671	100	24.8
6	SDDC 1,5/ 6-PV-3,5	1848684	100	28.3
7	SDDC 1,5/ 7-PV-3,5	1848697	100	31.8
8	SDDC 1,5/ 8-PV-3,5	1848707	100	35.3
9	SDDC 1,5/ 9-PV-3,5	1848710	50	38.8
10	SDDC 1,5/10-PV-3,5	1848723	50	42.3
11	SDDC 1,5/11-PV-3,5	1848736	50	45.8
12	SDDC 1,5/12-PV-3,5	1848749	50	49.3
13	SDDC 1,5/13-PV-3,5	1848752	50	52.8
14	SDDC 1,5/14-PV-3,5	1848765	50	56.3
15	SDDC 1,5/15-PV-3,5	1848778	50	59.8
16	SDDC 1,5/16-PV-3,5	1848781	50	63.3



Technical data

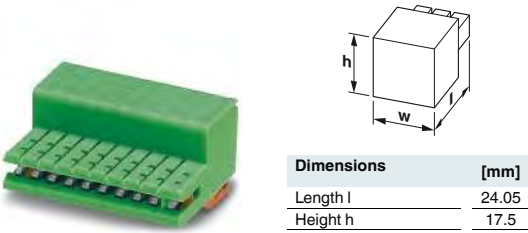
Connection system / type of contact		- / -		
Locking		-		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.2 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.2 - 1		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		24 - 16		
Stripping length	[mm]	8		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	400
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		24-16	-	24-16
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 1.5 mm² (AWG 16)

PCB direct plug, Spring-cage connection, Pitch: 3.5 mm

ZEC 1,0/...-ST



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	ZEC 1,0/ 2-ST-3,5 C1 R1	1893685	50	8.4
3	ZEC 1,0/ 3-ST-3,5 C1 R1,3	1893698	50	15.4
4	ZEC 1,0/ 4-ST-3,5 C1 R1,4	1893708	50	18.9
5	ZEC 1,0/ 5-ST-3,5 C1 R1,5	1893711	50	22.4
6	ZEC 1,0/ 6-ST-3,5 C1 R1,6	1893724	50	25.9
7	ZEC 1,0/ 7-ST-3,5 C1 R1,7	1893737	50	29.4
8	ZEC 1,0/ 8-ST-3,5 C1 R1,8	1893740	50	32.9
9	ZEC 1,0/ 9-ST-3,5 C1 R1,9	1893753	50	36.4
10	ZEC 1,0/10-ST-3,5 C1 R1,10	1893766	50	39.9
11	ZEC 1,0/11-ST-3,5 C1 R1,11	1893779	50	43.4
12	ZEC 1,0/12-ST-3,5 C1 R1,12	1893782	50	46.9

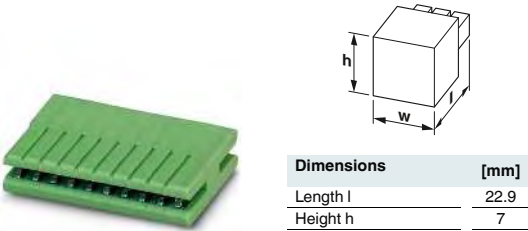


Technical data

Connection system / type of contact		ZEC / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 1 / 0.2 - 1		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.75		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 0.5		
Conductor cross section AWG/kcmil		24 - 16		
Stripping length	[mm]	7		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / 1		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	200	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	150 / 8	-	-
AWG		26-16	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connector, Pitch: 3.5 mm

ZEC 1,0/...-LPV



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	ZEC 1,0/ 2-LPV-3,5 C1	1915657	50	4.9
3	ZEC 1,0/ 3-LPV-3,5 C1	1915660	50	11.9
4	ZEC 1,0/ 4-LPV-3,5 C1	1915673	50	15.4
5	ZEC 1,0/ 5-LPV-3,5 C1	1915686	50	18.9
6	ZEC 1,0/ 6-LPV-3,5 C1	1915699	50	22.4
7	ZEC 1,0/ 7-LPV-3,5 C1	1915709	50	25.9
8	ZEC 1,0/ 8-LPV-3,5 C1	1915712	50	29.4
9	ZEC 1,0/ 9-LPV-3,5 C1	1915725	50	32.9
10	ZEC 1,0/10-LPV-3,5 C1	1915738	50	36.4
11	ZEC 1,0/11-LPV-3,5 C1	1915741	50	39.9
12	ZEC 1,0/12-LPV-3,5 C1	1915754	50	43.4

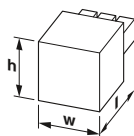


Technical data

Connection system / type of contact		ZEC / Female connector		
Locking		without		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	200	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	150 / 8	-	-
AWG		-	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB direct plug, Spring-cage connection, Pitch: 5 mm

ZEC 1,5/...-ST



Dimensions	[mm]
Length l	24.05
Height h	17.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	ZEC 1,5/ 2-ST-5,0 C2 R1,2	1883048	50	11.4
3	ZEC 1,5/ 3-ST-5,0 C2 R1,3	1883051	50	16.4
4	ZEC 1,5/ 4-ST-5,0 C2 R1,4	1883064	50	21.4
5	ZEC 1,5/ 5-ST-5,0 C2 R1,5	1883077	50	26.4
6	ZEC 1,5/ 6-ST-5,0 C2 R1,6	1883080	50	31.4
7	ZEC 1,5/ 7-ST-5,0 C2 R1,7	1883093	50	36.4
8	ZEC 1,5/ 8-ST-5,0 C2 R1,8	1883103	50	41.4
9	ZEC 1,5/ 9-ST-5,0 C2 R1,9	1883116	50	46.4
10	ZEC 1,5/10-ST-5,0 C2 R1,10	1883129	50	51.4
11	ZEC 1,5/11-ST-5,0 C2 R1,11	1883132	50	56.4
12	ZEC 1,5/12-ST-5,0 C2 R1,12	1883802	50	61.4

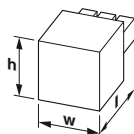


Technical data

Connection system / type of contact		ZEC / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 0.5		
Conductor cross section AWG/kcmil		24 - 16		
Stripping length	[mm]	7		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	10 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		26-14	-	26-14
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connector, Pitch: 5 mm

ZEC 1,5/...-LPV



Dimensions	[mm]
Length l	22.9
Height h	7



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	ZEC 1,5/ 2-LPV-5,0 C2	1898266	50	11.37
3	ZEC 1,5/ 3-LPV-5,0 C2	1898279	50	16.37
4	ZEC 1,5/ 4-LPV-5,0 C2	1898282	50	21.37
5	ZEC 1,5/ 5-LPV-5,0 C2	1898295	50	26.37
6	ZEC 1,5/ 6-LPV-5,0 C2	1898305	50	31.37
7	ZEC 1,5/ 7-LPV-5,0 C2	1898318	50	36.37
8	ZEC 1,5/ 8-LPV-5,0 C2	1898321	50	41.37
9	ZEC 1,5/ 9-LPV-5,0 C2	1898334	50	46.37
10	ZEC 1,5/10-LPV-5,0 C2	1898347	50	51.37
11	ZEC 1,5/11-LPV-5,0 C2	1898350	50	56.37
12	ZEC 1,5/12-LPV-5,0 C2	1898363	50	61.37



Technical data

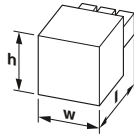
Connection system / type of contact		ZEC / Female connector		
Locking		without		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	10 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		-	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 1.5 mm² (AWG 16)

PCB direct plug, Spring-cage connection, Pitch: 7.5 mm

ZEC 1,5/...-ST



Dimensions	[mm]
Length l	24.05
Height h	17.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	ZEC 1,5/ 2-ST-7,5 C2 R1,2	1883145	50	23.9
3	ZEC 1,5/ 3-ST-7,5 C2 R1,3	1883158	50	31.4
4	ZEC 1,5/ 4-ST-7,5 C2 R1,4	1883161	50	38.9
5	ZEC 1,5/ 5-ST-7,5 C2 R1,5	1883174	50	46.4
6	ZEC 1,5/ 6-ST-7,5 C2 R1,6	1883187	50	53.9
7	ZEC 1,5/ 7-ST-7,5 C2 R1,7	1883190	50	61.4
8	ZEC 1,5/ 8-ST-7,5 C2 R1,8	1883200	50	68.9
9	ZEC 1,5/ 9-ST-7,5 C2 R1,9	1883213	50	76.4
10	ZEC 1,5/10-ST-7,5 C2 R1,10	1883226	50	83.9
11	ZEC 1,5/11-ST-7,5 C2 R1,11	1883239	50	91.4
12	ZEC 1,5/12-ST-7,5 C2 R1,12	1883242	50	98.9

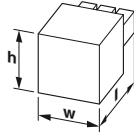


Technical data

Connection system / type of contact		ZEC / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 0.5		
Conductor cross section AWG/kcmil		24 - 16		
Stripping length	[mm]	7		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	10 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	400	630	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		26-14	-	26-14
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connector, Pitch: 7.5 mm

ZEC 1,5/...-LPV



Dimensions	[mm]
Length l	22.9
Height h	7



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	ZEC 1,5/ 2-LPV-7,5 C2	1898376	50	8.9
3	ZEC 1,5/ 3-LPV-7,5 C2	1898389	50	23.9
4	ZEC 1,5/ 4-LPV-7,5 C2	1898392	50	31.4
5	ZEC 1,5/ 5-LPV-7,5 C2	1898402	50	38.9
6	ZEC 1,5/ 6-LPV-7,5 C2	1898415	50	46.4
7	ZEC 1,5/ 7-LPV-7,5 C2	1898428	50	53.9
8	ZEC 1,5/ 8-LPV-7,5 C2	1898431	50	61.4
9	ZEC 1,5/ 9-LPV-7,5 C2	1898444	50	68.9
10	ZEC 1,5/10-LPV-7,5 C2	1898457	50	76.4
11	ZEC 1,5/11-LPV-7,5 C2	1898460	50	83.9
12	ZEC 1,5/12-LPV-7,5 C2	1898473	50	91.4

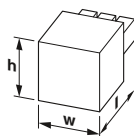
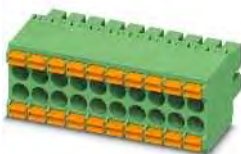


Technical data

Connection system / type of contact		ZEC / Female connector		
Locking		without		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	10 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	400	630	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		-	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 3.5 mm

DFMC 1,5/...-ST



Dimensions	[mm]
Length l	23.35
Height h	13.25



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DFMC 1,5/ 2-ST-3,5	1790108	50	7.8
3	DFMC 1,5/ 3-ST-3,5	1790111	50	11.3
4	DFMC 1,5/ 4-ST-3,5	1790124	50	14.8
5	DFMC 1,5/ 5-ST-3,5	1790137	50	18.3
6	DFMC 1,5/ 6-ST-3,5	1790140	50	21.8
7	DFMC 1,5/ 7-ST-3,5	1790153	50	25.3
8	DFMC 1,5/ 8-ST-3,5	1790166	50	28.8
9	DFMC 1,5/ 9-ST-3,5	1790179	50	32.3
10	DFMC 1,5/ 10-ST-3,5	1790182	50	35.8
11	DFMC 1,5/ 11-ST-3,5	1790195	50	39.3
12	DFMC 1,5/ 12-ST-3,5	1790205	50	42.8
13	DFMC 1,5/ 13-ST-3,5	1790218	50	46.3
14	DFMC 1,5/ 14-ST-3,5	1790221	50	49.8
15	DFMC 1,5/ 15-ST-3,5	1790234	50	53.3
16	DFMC 1,5/ 16-ST-3,5	1790247	50	56.8
17	DFMC 1,5/ 17-ST-3,5	1790250	50	60.3
18	DFMC 1,5/ 18-ST-3,5	1790263	50	63.8
19	DFMC 1,5/ 19-ST-3,5	1790276	50	67.3
20	DFMC 1,5/ 20-ST-3,5	1790289	50	70.8

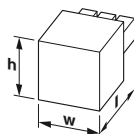
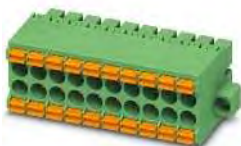


Technical data

Connection system / type of contact		MINI COMBICON - DFMC 1,5 / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.14 - 0.75		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		24 - 16		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	250
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	50 / 8	300 / 8
AWG		24-16	24-16	24-16
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 3.5 mm

DFMC 1,5/...STF



Dimensions	[mm]
Length l	23.35
Height h	13.25



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DFMC 1,5/ 2-STF-3,5	1790292	50	14
3	DFMC 1,5/ 3-STF-3,5	1790302	50	17.5
4	DFMC 1,5/ 4-STF-3,5	1790315	50	21
5	DFMC 1,5/ 5-STF-3,5	1790328	50	24.5
6	DFMC 1,5/ 6-STF-3,5	1790331	50	28
7	DFMC 1,5/ 7-STF-3,5	1790344	50	31.5
8	DFMC 1,5/ 8-STF-3,5	1790357	50	35
9	DFMC 1,5/ 9-STF-3,5	1790360	50	38.5
10	DFMC 1,5/ 10-STF-3,5	1790373	50	42
11	DFMC 1,5/ 11-STF-3,5	1790386	50	45.5
12	DFMC 1,5/ 12-STF-3,5	1790399	50	49
13	DFMC 1,5/ 13-STF-3,5	1790409	50	52.5
14	DFMC 1,5/ 14-STF-3,5	1790412	50	56
15	DFMC 1,5/ 15-STF-3,5	1790425	50	59.5
16	DFMC 1,5/ 16-STF-3,5	1790438	50	63
17	DFMC 1,5/ 17-STF-3,5	1790441	50	66.5
18	DFMC 1,5/ 18-STF-3,5	1790454	50	70
19	DFMC 1,5/ 19-STF-3,5	1790467	50	73.5
20	DFMC 1,5/ 20-STF-3,5	1790470	50	77



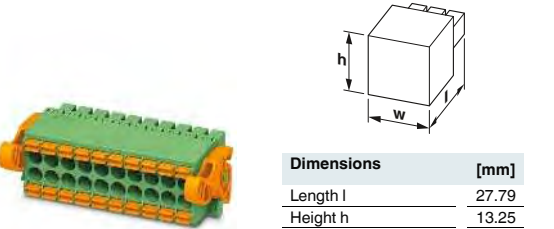
Technical data

Connection system / type of contact		MINI COMBICON - DFMC 1,5 / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 0.75		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-		
Conductor cross section AWG/kcmil		24 - 16		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	8 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	250
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	50 / 8	300 / 8
AWG		24-16	24-16	24-16
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors
Conductor cross section up to 1.5 mm² (AWG 16)

PCB plug, Push-in spring connection, Pitch: 3.5 mm

DFMC 1,5/-ST-LR



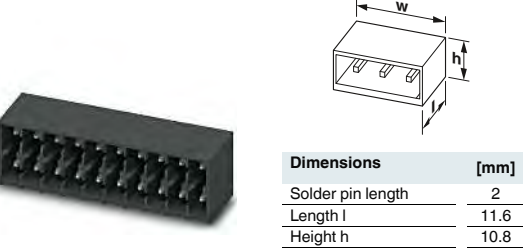
Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2 to 20.



Technical data table for DFMC 1,5 / Female connector. Includes connection system, locking, capacity, electrical parameters, and approval data.

PCB headers, Pitch: 3.5 mm

DMC 1,5/-G1-THR, Linear pinning



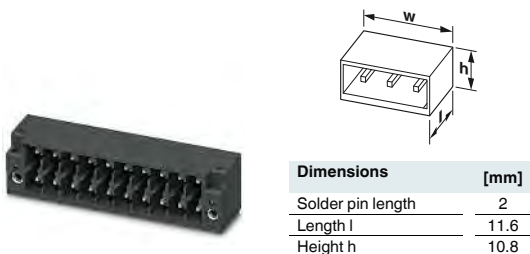
Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2 to 14.



Technical data table for DMC 1,5 / Male connector. Includes connection system, locking, capacity, electrical parameters, and approval data.

PCB headers, Pitch: 3.5 mm

DMC 1,5/-G1F-THR, Linear pinning



Dimensions	[mm]
Solder pin length	2
Length l	11.6
Height h	10.8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DMC 1,5/ 2-G1F-3,5-LRP20THRR44	1818504	180	14
3	DMC 1,5/ 3-G1F-3,5-LRP20THRR44	1818517	180	17.5
4	DMC 1,5/ 4-G1F-3,5-LRP20THRR44	1818520	180	21
5	DMC 1,5/ 5-G1F-3,5-LRP20THRR56	1818533	180	24.5
6	DMC 1,5/ 6-G1F-3,5-LRP20THRR56	1818546	180	28
7	DMC 1,5/ 7-G1F-3,5-LRP20THRR56	1818559	180	31.5
8	DMC 1,5/ 8-G1F-3,5-LRP20THRR56	1818562	180	35
9	DMC 1,5/ 9-G1F-3,5-LRP20THRR72	1706055	180	38.5
10	DMC 1,5/10-G1F-3,5-LRP20THRR72	1706064	180	42
11	DMC 1,5/11-G1F-3,5-LRP20THRR72	1706065	180	45.5
12	DMC 1,5/12-G1F-3,5-LRP20THRR72	1706067	180	49
16	DMC 1,5/16-G1F-3,5-LRP20THRR88	1036681	180	63

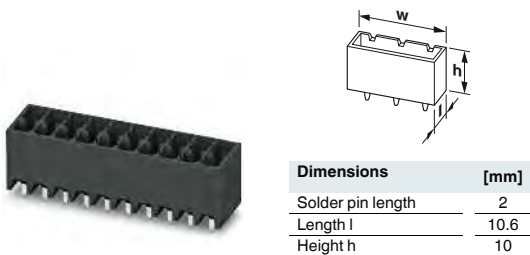


Technical data

Connection system / type of contact	MINI COMBICON - DFMC 1,5 / Male connector		
Locking	Lock & release threaded flange		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	8 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	160	160
Rated surge voltage	[kV]	2.5	2.5
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 8	50 / 8
AWG		-	-
General data			
Type of insulation material / insulation material group	LCP / IIIa		
Inflammability class in acc. with UL 94	V0		

PCB headers, Pitch: 3.5 mm

DMCV 1,5/-G1-THR, Linear pinning



Dimensions	[mm]
Solder pin length	2
Length l	10.6
Height h	10



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DMCV 1,5/ 2-G1-3,5 P20THR R24	1818575	220	7.8
3	DMCV 1,5/ 3-G1-3,5 P20THR R24	1818588	220	11.3
4	DMCV 1,5/ 4-G1-3,5 P20THR R44	1818591	220	14.8
5	DMCV 1,5/ 5-G1-3,5 P20THR R44	1818601	220	18.3
6	DMCV 1,5/ 6-G1-3,5 P20THR R44	1818614	220	21.8
7	DMCV 1,5/ 7-G1-3,5 P20THR R56	1818627	220	25.3
8	DMCV 1,5/ 8-G1-3,5 P20THR R56	1818630	220	28.8
9	DMCV 1,5/ 9-G1-3,5 P20THR R56	1818643	220	32.3
10	DMCV 1,5/10-G1-3,5 P20THR R56	1818656	220	35.8
11	DMCV 1,5/11-G1-3,5 P20THR R72	1818669	220	39.3
12	DMCV 1,5/12-G1-3,5 P20THR R72	1818672	220	42.8
13	DMCV 1,5/13-G1-3,5 P20THR R72	1818685	220	46.3
14	DMCV 1,5/14-G1-3,5 P20THR R72	1818698	220	49.8



Technical data

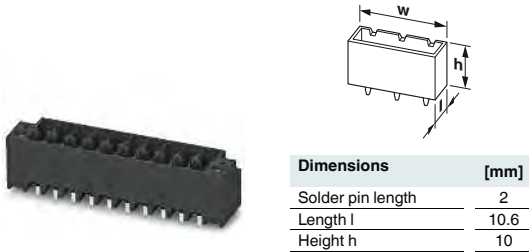
Connection system / type of contact	MINI COMBICON - DFMC 1,5 / Male connector		
Locking	without		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	8 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	160	160
Rated surge voltage	[kV]	2.5	2.5
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 8	50 / 8
AWG		-	-
General data			
Type of insulation material / insulation material group	LCP / IIIa		
Inflammability class in acc. with UL 94	V0		

PCB connectors

Conductor cross section up to 1.5 mm² (AWG 16)

PCB headers, Pitch: 3.5 mm

DMCV 1,5/-G1F-THR, Linear pinning



Dimensions	[mm]
Solder pin length	2
Length l	10.6
Height h	10



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DMCV 1,5/ 2-G1F-3,5-LRP20THRR32	1818708	220	14
3	DMCV 1,5/ 3-G1F-3,5-LRP20THRR44	1818711	220	17.5
4	DMCV 1,5/ 4-G1F-3,5-LRP20THRR44	1818724	220	21
5	DMCV 1,5/ 5-G1F-3,5-LRP20THRR56	1818737	220	24.5
6	DMCV 1,5/ 6-G1F-3,5-LRP20THRR56	1818740	220	28
7	DMCV 1,5/ 7-G1F-3,5-LRP20THRR56	1818753	220	31.5
8	DMCV 1,5/ 8-G1F-3,5-LRP20THRR56	1818766	220	35
9	DMCV 1,5/ 9-G1F-3,5-LRP20THRR72	1818779	220	38.5
10	DMCV 1,5/10-G1F-3,5-LRP20THRR72	1818782	220	42
11	DMCV 1,5/11-G1F-3,5-LRP20THRR72	1818795	220	45.5
12	DMCV 1,5/12-G1F-3,5-LRP20THRR72	1818805	220	49
20	DMCV 1,5/20-G1F-3,5-LR P20THRR	1713571	180	77

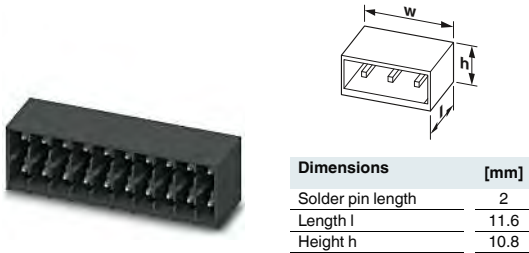


Technical data

Connection system / type of contact		MINI COMBICON - DFMC 1,5 / Male connector		
Locking		Lock & release threaded flange		
Electrical parameters				
Rated current / conductor cross section		[A] / [mm²]	8 / -	
Surge voltage category/degree of pollution			III/3	III / 2
Rated insulation voltage		[V]	160	250
Rated surge voltage		[kV]	2.5	2.5
Approval data (UL/CUL)				
Use Group			B	C
Nominal voltage/current		[V] / [A]	300 / 8	50 / 8
AWG			-	-
General data				
Type of insulation material / insulation material group			LCP / IIIa	
Inflammability class in acc. with UL 94			V0	

PCB headers, Pitch: 3.5 mm

DMC 1,5/-G1-THR, Linear pinning



Dimensions	[mm]
Solder pin length	2
Length l	11.6
Height h	10.8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DMC 1,5/ 2-G1-3,5 P20THR	1786837	50	7.8
3	DMC 1,5/ 3-G1-3,5 P20THR	1786840	50	11.3
4	DMC 1,5/ 4-G1-3,5 P20THR	1786853	50	14.8
5	DMC 1,5/ 5-G1-3,5 P20THR	1786866	50	18.3
6	DMC 1,5/ 6-G1-3,5 P20THR	1786879	50	21.8
7	DMC 1,5/ 7-G1-3,5 P20THR	1786882	50	25.3
8	DMC 1,5/ 8-G1-3,5 P20THR	1786895	50	28.8
9	DMC 1,5/ 9-G1-3,5 P20THR	1786905	50	32.3
10	DMC 1,5/10-G1-3,5 P20THR	1786918	50	35.8
11	DMC 1,5/11-G1-3,5 P20THR	1786921	50	39.3
12	DMC 1,5/12-G1-3,5 P20THR	1786934	50	42.8
13	DMC 1,5/13-G1-3,5 P20THR	1786947	50	46.3
14	DMC 1,5/14-G1-3,5 P20THR	1786950	50	49.8
15	DMC 1,5/15-G1-3,5 P20THR	1786963	50	53.3
16	DMC 1,5/16-G1-3,5 P20THR	1786976	50	56.8
17	DMC 1,5/17-G1-3,5 P20THR	1786989	50	60.3
18	DMC 1,5/18-G1-3,5 P20THR	1786992	50	63.8
19	DMC 1,5/19-G1-3,5 P20THR	1787001	50	67.3
20	DMC 1,5/20-G1-3,5 P20THR	1787580	50	70.8

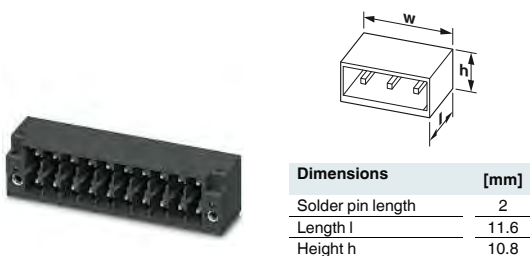


Technical data

Connection system / type of contact		MINI COMBICON - DFMC 1,5 / Male connector			
Locking		without			
Electrical parameters					
Rated current / conductor cross section		[A] / [mm²]	8 / -		
Surge voltage category/degree of pollution			III / 3	III / 2	II / 2
Rated insulation voltage		[V]	160	160	250
Rated surge voltage		[kV]	2.5	2.5	2.5
Approval data (UL/CUL)					
Use Group			B	C	D
Nominal voltage/current		[V] / [A]	300 / 8	50 / 8	300 / 8
AWG			-	-	-
General data					
Type of insulation material / insulation material group			LCP / IIIa		
Inflammability class in acc. with UL 94			V0		

PCB headers, Pitch: 3.5 mm

DMC 1,5/..-G1F-THR, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DMC 1,5/ 2-G1F-3,5-LR P20THR	1787014	50	14
3	DMC 1,5/ 3-G1F-3,5-LR P20THR	1787027	50	17.5
4	DMC 1,5/ 4-G1F-3,5-LR P20THR	1787030	50	21
5	DMC 1,5/ 5-G1F-3,5-LR P20THR	1787043	50	24.5
6	DMC 1,5/ 6-G1F-3,5-LR P20THR	1787056	50	28
7	DMC 1,5/ 7-G1F-3,5-LR P20THR	1787069	50	31.5
8	DMC 1,5/ 8-G1F-3,5-LR P20THR	1787072	50	35
9	DMC 1,5/ 9-G1F-3,5-LR P20THR	1787085	50	38.5
10	DMC 1,5/10-G1F-3,5-LR P20THR	1787098	50	42
11	DMC 1,5/11-G1F-3,5-LR P20THR	1787108	50	45.5
12	DMC 1,5/12-G1F-3,5-LR P20THR	1787111	50	49
13	DMC 1,5/13-G1F-3,5-LR P20THR	1787124	50	52.5
14	DMC 1,5/14-G1F-3,5-LR P20THR	1787137	50	56
15	DMC 1,5/15-G1F-3,5-LR P20THR	1787140	50	59.5
16	DMC 1,5/16-G1F-3,5-LR P20THR	1787153	50	63
17	DMC 1,5/17-G1F-3,5-LR P20THR	1787166	50	66.5
18	DMC 1,5/18-G1F-3,5-LR P20THR	1787179	50	70
19	DMC 1,5/19-G1F-3,5-LR P20THR	1787182	50	73.5
20	DMC 1,5/20-G1F-3,5-LR P20THR	1787195	50	77

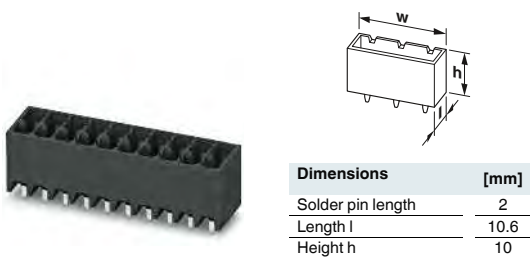


Technical data

Connection system / type of contact	MINI COMBICON - DFMC 1,5 / Male connector		
Locking	Lock & release threaded flange		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	8 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	160	160
Rated surge voltage	[kV]	2.5	2.5
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 8	50 / 8
AWG		-	-
General data			
Type of insulation material / insulation material group	LCP / IIIa		
Inflammability class in acc. with UL 94	V0		

PCB headers, Pitch: 3.5 mm

DMCV 1,5/..-G1-THR, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DMCV 1,5/ 2-G1-3,5 P20THR	1787205	50	7.8
3	DMCV 1,5/ 3-G1-3,5 P20THR	1787218	50	11.3
4	DMCV 1,5/ 4-G1-3,5 P20THR	1787221	50	14.8
5	DMCV 1,5/ 5-G1-3,5 P20THR	1787234	50	18.3
6	DMCV 1,5/ 6-G1-3,5 P20THR	1787247	50	21.8
7	DMCV 1,5/ 7-G1-3,5 P20THR	1787250	50	25.3
8	DMCV 1,5/ 8-G1-3,5 P20THR	1787263	50	28.8
9	DMCV 1,5/ 9-G1-3,5 P20THR	1787276	50	32.3
10	DMCV 1,5/10-G1-3,5 P20THR	1787289	50	35.8
11	DMCV 1,5/11-G1-3,5 P20THR	1787292	50	39.3
12	DMCV 1,5/12-G1-3,5 P20THR	1787302	50	42.8
13	DMCV 1,5/13-G1-3,5 P20THR	1787315	50	46.3
14	DMCV 1,5/14-G1-3,5 P20THR	1787328	50	49.8
15	DMCV 1,5/15-G1-3,5 P20THR	1787331	50	53.3
16	DMCV 1,5/16-G1-3,5 P20THR	1787344	50	56.8
17	DMCV 1,5/17-G1-3,5 P20THR	1787357	50	60.3
18	DMCV 1,5/18-G1-3,5 P20THR	1787360	50	63.8
19	DMCV 1,5/19-G1-3,5 P20THR	1787373	50	67.3
20	DMCV 1,5/20-G1-3,5 P20THR	1787386	50	70.8



Technical data

Connection system / type of contact	MINI COMBICON - DFMC 1,5 / Male connector		
Locking	without		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	8 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	160	160
Rated surge voltage	[kV]	2.5	2.5
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 8	50 / 8
AWG		-	-
General data			
Type of insulation material / insulation material group	LCP / IIIa		
Inflammability class in acc. with UL 94	V0		

PCB connectors
Conductor cross section up to 1.5 mm² (AWG 16)

PCB headers, Pitch: 3.5 mm

DMCV 1,5/-G1F-THR, Linear pinning

Diagram and dimensions of DMCV 1,5/-G1F-THR connector. Dimensions table: Solder pin length 2, Length l 10.6, Height h 10.



Ordering data table with 5 columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2 to 20 showing various DMCV 1,5/-G1F-THR models.

Icons for THR, 160V IEC, 8A IEC, 3.5 mm, and 1.5mm².

Technical data table for DMCV 1,5/-G1F-THR. Includes connection system (MINI COMBICON - DFMC 1,5 / Male connector), locking (Lock & release threaded flange), electrical parameters (Rated current 8/-, Surge voltage category III/3, Rated insulation voltage 160V, Rated surge voltage 2.5kV), approval data (UL/CUL), use group (B, C, D), nominal voltage/current (300/8V/A), AWG (-), general data (Type of insulation material LCP / IIIa, Inflammability class V0).

PCB headers, Pitch: 3.5 mm

DMC 1,5/-G1-THR, Linear pinning

Diagram and dimensions of DMC 1,5/-G1-THR connector. Dimensions table: Solder pin length 2.6, Length l 11.6, Height h 10.8.



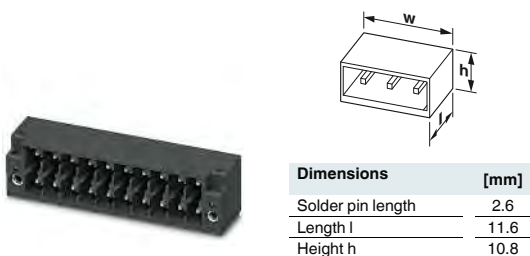
Ordering data table with 5 columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2 to 20 showing various DMC 1,5/-G1-THR models.

Icons for THR, 160V IEC, 8A IEC, 3.5 mm, and 1.5mm².

Technical data table for DMC 1,5/-G1-THR. Includes connection system (MINI COMBICON - DFMC 1,5 / Male connector without), locking, electrical parameters (Rated current 8/-, Surge voltage category III/3, Rated insulation voltage 160V, Rated surge voltage -kV), approval data (UL/CUL), use group (B, C, D), nominal voltage/current (300/8V/A), AWG (-), general data (Type of insulation material - / IIIa, Inflammability class V0).

PCB headers, Pitch: 3.5 mm

DMC 1,5/..-G1F-THR, Linear pinning



Dimensions	[mm]
Solder pin length	2.6
Length l	11.6
Height h	10.8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DMC 1,5/ 2-G1F-3,5-LR P26THR	1874014	50	14
3	DMC 1,5/ 3-G1F-3,5-LR P26THR	1874027	50	17.5
4	DMC 1,5/ 4-G1F-3,5-LR P26THR	1711099	50	21
5	DMC 1,5/ 5-G1F-3,5-LR P26THR	1874030	50	24.5
6	DMC 1,5/ 6-G1F-3,5-LR P26THR	1711100	50	28
7	DMC 1,5/ 7-G1F-3,5-LR P26THR	1713883	50	31.5
8	DMC 1,5/ 8-G1F-3,5-LR P26THR	1874043	50	35
9	DMC 1,5/ 9-G1F-3,5-LR P26THR	1874454	50	38.5
10	DMC 1,5/10-G1F-3,5-LR P26THR	1874056	50	42
11	DMC 1,5/11-G1F-3,5-LR P26THR	1713854	50	45.5
12	DMC 1,5/12-G1F-3,5-LR P26THR	1874069	50	49
13	DMC 1,5/13-G1F-3,5-LR P26THR	1874470	50	52.5
14	DMC 1,5/14-G1F-3,5-LR P26THR	1874483	50	56
15	DMC 1,5/15-G1F-3,5-LR P26THR	1874496	50	59.5
16	DMC 1,5/16-G1F-3,5-LR P26THR	1874072	50	63
17	DMC 1,5/17-G1F-3,5-LR P26THR	1874506	50	66.5
18	DMC 1,5/18-G1F-3,5-LR P26THR	1874519	50	70
19	DMC 1,5/19-G1F-3,5-LR P26THR	1713856	50	73.5
20	DMC 1,5/20-G1F-3,5-LR P26THR	1874085	50	77

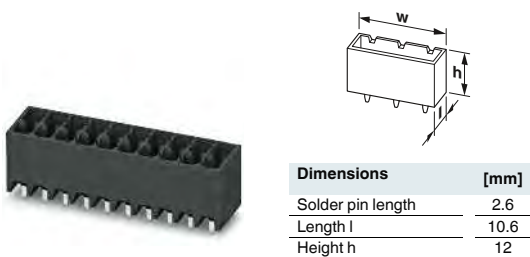


Technical data

Connection system / type of contact	MINI COMBICON - DFMC 1,5 / Male connector		
Locking	Lock & release threaded flange		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	8 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	160	160
Rated surge voltage	[kV]	-	-
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 8	50 / 8
AWG		-	-
General data			
Type of insulation material / insulation material group	- / IIIa		
Inflammability class in acc. with UL 94	V0		

PCB headers, Pitch: 3.5 mm

DMCV 1,5/..-G1-THR, Linear pinning



Dimensions	[mm]
Solder pin length	2.6
Length l	10.6
Height h	12



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DMCV 1,5/ 2-G1-3,5 P26THR	1874234	50	7.8
3	DMCV 1,5/ 3-G1-3,5 P26THR	1874098	50	11.3
4	DMCV 1,5/ 4-G1-3,5 P26THR	1874108	50	14.8
5	DMCV 1,5/ 5-G1-3,5 P26THR	1874111	50	18.3
6	DMCV 1,5/ 6-G1-3,5 P26THR	1874124	50	21.8
7	DMCV 1,5/ 7-G1-3,5 P26THR	1874810	50	25.3
8	DMCV 1,5/ 8-G1-3,5 P26THR	1874137	50	28.8
9	DMCV 1,5/ 9-G1-3,5 P26THR	1874823	50	32.3
10	DMCV 1,5/10-G1-3,5 P26THR	1874140	50	35.8
11	DMCV 1,5/11-G1-3,5 P26THR	1874836	50	39.3
12	DMCV 1,5/12-G1-3,5 P26THR	1874153	50	42.8
13	DMCV 1,5/13-G1-3,5 P26THR	1874849	50	46.3
14	DMCV 1,5/14-G1-3,5 P26THR	1874852	50	49.8
15	DMCV 1,5/15-G1-3,5 P26THR	1874865	50	53.3
16	DMCV 1,5/16-G1-3,5 P26THR	1874878	50	56.8
17	DMCV 1,5/17-G1-3,5 P26THR	1874881	50	60.3
18	DMCV 1,5/18-G1-3,5 P26THR	1874894	50	63.8
19	DMCV 1,5/19-G1-3,5 P26THR	1874904	50	67.3
20	DMCV 1,5/20-G1-3,5 P26THR	1874917	50	70.8



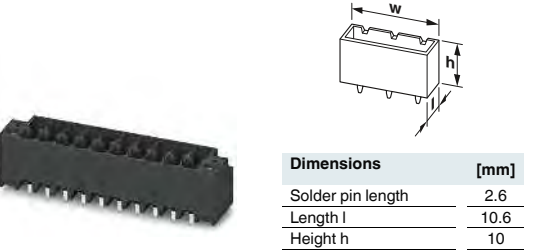
Technical data

Connection system / type of contact	MINI COMBICON - DFMC 1,5 / Male connector		
Locking	without		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	8 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	160	250
Rated surge voltage	[kV]	2.5	2.5
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 8	50 / 8
AWG		-	-
General data			
Type of insulation material / insulation material group	LCP / IIIa		
Inflammability class in acc. with UL 94	V0		

PCB connectors
Conductor cross section up to 1.5 mm² (AWG 16)

PCB headers, Pitch: 3.5 mm

DMCV 1,5/...-G1F-THR, Linear pinning



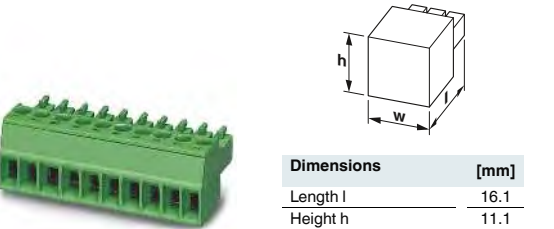
Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2 to 20 showing various DMCV header types and their specifications.



Technical data table for DMCV 1,5 / Male connector. Includes connection system, locking, electrical parameters (current, voltage, surge), approval data (UL/CUL), and general data (insulation material, flammability).

PCB plug, Screw connection with tension sleeve, Pitch: 3.5 mm

MC 1,5/...-ST



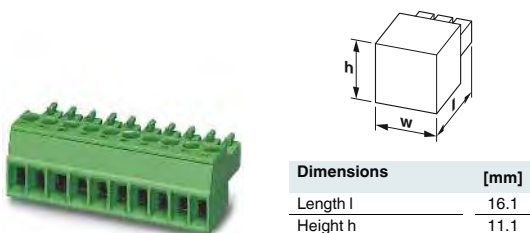
Ordering data table for MC 1,5/...-ST PCB plug. Columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2 to 20 showing different MC plug types.



Technical data table for MC 1,5 / Female connector. Includes connection system, locking, connection capacity (solid, stranded, ferrules), stripping length, tightening torque, electrical parameters, approval data (UL/CUL, CSA), and general data.

PCB plug, Screw connection with tension sleeve, Pitch: 3.81 mm

MC 1,5/...-ST



Dimensions	[mm]
Length l	16.1
Height h	11.1



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MC 1,5/ 2-ST-3,81	1803578	250	8.41
3	MC 1,5/ 3-ST-3,81	1803581	250	12.22
4	MC 1,5/ 4-ST-3,81	1803594	250	16.03
5	MC 1,5/ 5-ST-3,81	1803604	250	19.84
6	MC 1,5/ 6-ST-3,81	1803617	50	23.65
7	MC 1,5/ 7-ST-3,81	1803620	50	27.46
8	MC 1,5/ 8-ST-3,81	1803633	50	31.27
9	MC 1,5/ 9-ST-3,81	1803646	50	35.08
10	MC 1,5/10-ST-3,81	1803659	50	38.89
11	MC 1,5/11-ST-3,81	1803662	50	42.7
12	MC 1,5/12-ST-3,81	1803675	50	46.51
13	MC 1,5/13-ST-3,81	1803688	50	50.32
14	MC 1,5/14-ST-3,81	1803691	50	54.13
15	MC 1,5/15-ST-3,81	1803701	50	57.94
16	MC 1,5/16-ST-3,81	1803714	50	61.75
17	MC 1,5/17-ST-3,81	1840324	50	65.56
18	MC 1,5/18-ST-3,81	1840337	50	69.37
19	MC 1,5/19-ST-3,81	1840340	50	73.18
20	MC 1,5/20-ST-3,81	1840353	50	76.99

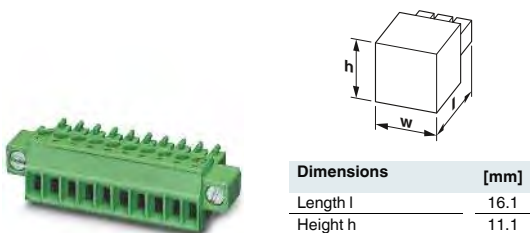


Technical data

Connection system / type of contact		MINI COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.08 - 0.5 / 0.08 - 0.75		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.34		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 0.5		
Conductor cross section AWG/kcmil		28 - 16		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.22 - 0.25		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		30-14	-	30-14
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		28-16	-	28-16
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 3.5 mm

MC 1,5/...-STF



Dimensions	[mm]
Length l	16.1
Height h	11.1



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MC 1,5/ 2-STF-3,5	1847055	250	17.3
3	MC 1,5/ 3-STF-3,5	1847068	250	20.8
4	MC 1,5/ 4-STF-3,5	1847071	250	24.3
5	MC 1,5/ 5-STF-3,5	1847084	250	27.8
6	MC 1,5/ 6-STF-3,5	1847097	50	31.3
7	MC 1,5/ 7-STF-3,5	1847107	50	34.8
8	MC 1,5/ 8-STF-3,5	1847181	50	38.3
9	MC 1,5/ 9-STF-3,5	1847194	50	41.8
10	MC 1,5/10-STF-3,5	1847204	50	45.3
11	MC 1,5/11-STF-3,5	1847217	50	48.8
12	MC 1,5/12-STF-3,5	1847220	50	52.3
13	MC 1,5/13-STF-3,5	1847233	50	55.8
14	MC 1,5/14-STF-3,5	1847246	50	59.3
15	MC 1,5/15-STF-3,5	1847259	50	62.8
16	MC 1,5/16-STF-3,5	1847262	50	66.3
17	MC 1,5/17-STF-3,5	1847275	50	69.8
18	MC 1,5/18-STF-3,5	1847288	50	73.3
19	MC 1,5/19-STF-3,5	1847291	50	76.8
20	MC 1,5/20-STF-3,5	1847301	50	80.3



Technical data

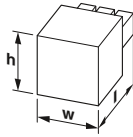
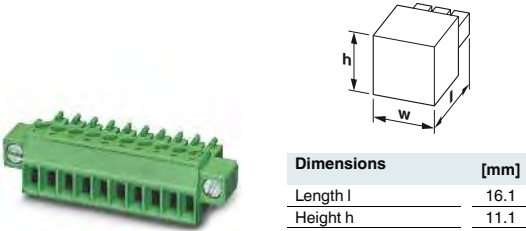
Connection system / type of contact		MINI COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.08 - 0.5 / 0.08 - 0.75		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.34		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 0.5		
Conductor cross section AWG/kcmil		28 - 16		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.22 - 0.25		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		30-14	-	30-14
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		28-16	-	28-16
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 1.5 mm² (AWG 16)

PCB plug, Screw connection with tension sleeve, Pitch: 3.81 mm

MC 1,5/...-STF



Dimensions	[mm]
Length l	16.1
Height h	11.1



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MC 1,5/ 2-STF-3,81	1827703	250	18.01
3	MC 1,5/ 3-STF-3,81	1827716	250	21.82
4	MC 1,5/ 4-STF-3,81	1827729	250	25.63
5	MC 1,5/ 5-STF-3,81	1827732	250	29.44
6	MC 1,5/ 6-STF-3,81	1827745	50	33.25
7	MC 1,5/ 7-STF-3,81	1827758	50	37.06
8	MC 1,5/ 8-STF-3,81	1827761	50	40.87
9	MC 1,5/ 9-STF-3,81	1827774	50	44.68
10	MC 1,5/10-STF-3,81	1827787	50	48.49
11	MC 1,5/11-STF-3,81	1827790	50	52.3
12	MC 1,5/12-STF-3,81	1827800	50	56.11
13	MC 1,5/13-STF-3,81	1827813	50	59.92
14	MC 1,5/14-STF-3,81	1827826	50	63.73
15	MC 1,5/15-STF-3,81	1827839	50	67.54
16	MC 1,5/16-STF-3,81	1827842	50	71.35
17	MC 1,5/17-STF-3,81	1848481	50	75.16
18	MC 1,5/18-STF-3,81	1848478	50	78.97
19	MC 1,5/19-STF-3,81	1848465	50	82.78
20	MC 1,5/20-STF-3,81	1848452	50	86.59

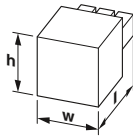
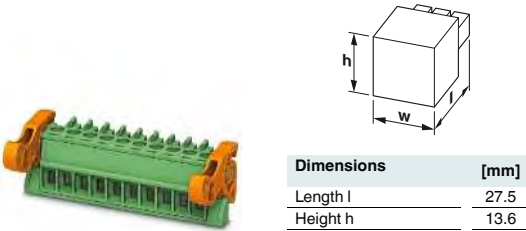


Technical data

Connection system / type of contact		MINI COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.08 - 0.5 / 0.08 - 0.75		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.34		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 0.5		
Conductor cross section AWG/kcmil		28 - 16		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.22 - 0.25		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		30-14	-	30-14
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		28-16	-	28-16
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 3.5 mm

MC 1,5/...-ST-LR



Dimensions	[mm]
Length l	27.5
Height h	13.6



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MC 1,5/ 2-ST-3,5-LR	1816852	50	13.8
3	MC 1,5/ 3-ST-3,5-LR	1816865	50	17.3
4	MC 1,5/ 4-ST-3,5-LR	1816878	50	20.8
5	MC 1,5/ 5-ST-3,5-LR	1816881	50	24.3
6	MC 1,5/ 6-ST-3,5-LR	1816894	50	27.8
7	MC 1,5/ 7-ST-3,5-LR	1816904	50	31.3
8	MC 1,5/ 8-ST-3,5-LR	1816917	50	34.8
9	MC 1,5/ 9-ST-3,5-LR	1816920	50	38.3
10	MC 1,5/10-ST-3,5-LR	1816933	50	41.8
11	MC 1,5/11-ST-3,5-LR	1816946	50	45.3
12	MC 1,5/12-ST-3,5-LR	1816959	50	48.8
13	MC 1,5/13-ST-3,5-LR	1816962	50	52.3
14	MC 1,5/14-ST-3,5-LR	1816975	50	55.8
15	MC 1,5/15-ST-3,5-LR	1816988	50	59.3
16	MC 1,5/16-ST-3,5-LR	1816991	50	62.8
17	MC 1,5/17-ST-3,5-LR	1817000	50	66.3
18	MC 1,5/18-ST-3,5-LR	1817013	50	69.8
19	MC 1,5/19-ST-3,5-LR	1817026	50	73.3
20	MC 1,5/20-ST-3,5-LR	1817039	50	76.8

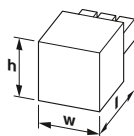
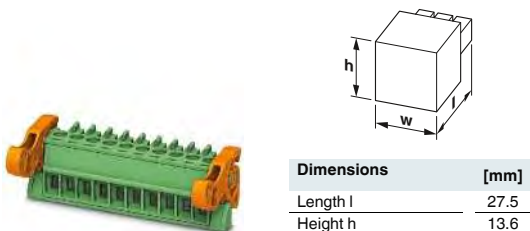


Technical data

Connection system / type of contact		MINI COMBICON / Female connector		
Locking		Lock & Release ejector lever		
Connection capacity				
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.08 - 0.5 / 0.08 - 0.75		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.34		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 0.5		
Conductor cross section AWG/kcmil		28 - 16		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.22 - 0.25		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		30-14	-	30-14
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 3.81 mm

MC 1,5/...-ST-LR



Dimensions	[mm]
Length l	27.5
Height h	13.6



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MC 1,5/ 2-ST-3,81-LR	1817042	50	14.51
3	MC 1,5/ 3-ST-3,81-LR	1817055	50	18.32
4	MC 1,5/ 4-ST-3,81-LR	1817068	50	22.13
5	MC 1,5/ 5-ST-3,81-LR	1817071	50	25.94
6	MC 1,5/ 6-ST-3,81-LR	1817084	50	29.75
7	MC 1,5/ 7-ST-3,81-LR	1817097	50	33.56
8	MC 1,5/ 8-ST-3,81-LR	1817107	50	37.37
9	MC 1,5/ 9-ST-3,81-LR	1817110	50	41.18
10	MC 1,5/10-ST-3,81-LR	1817123	50	44.99
11	MC 1,5/11-ST-3,81-LR	1817136	50	48.8
12	MC 1,5/12-ST-3,81-LR	1817149	50	52.61
13	MC 1,5/13-ST-3,81-LR	1817152	50	56.42
14	MC 1,5/14-ST-3,81-LR	1817165	50	60.23
15	MC 1,5/15-ST-3,81-LR	1817178	50	64.04
16	MC 1,5/16-ST-3,81-LR	1817181	50	67.85
17	MC 1,5/17-ST-3,81-LR	1817194	50	71.66
18	MC 1,5/18-ST-3,81-LR	1817204	50	75.47
19	MC 1,5/19-ST-3,81-LR	1817217	50	79.28
20	MC 1,5/20-ST-3,81-LR	1817220	50	83.09

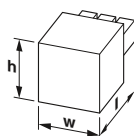
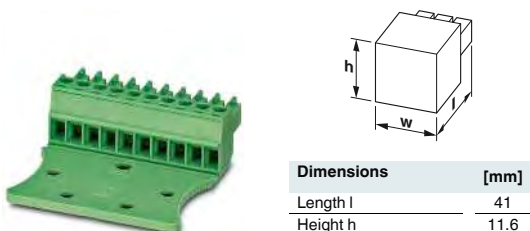


Technical data

Connection system / type of contact		MINI COMBICON / Female connector		
Locking		Lock & Release ejector lever		
Connection capacity				
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.08 - 0.5 / 0.08 - 0.75		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.34		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 0.5		
Conductor cross section AWG/kcmil		28 - 16		
Stripping length	[mm]	7		
Tightening torque		0.22 - 0.25		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		30-14	-	30-14
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 3.5 mm

MC 1,5/...-STZ



Dimensions	[mm]
Length l	41
Height h	11.6



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
3	MC 1,5/ 3-STZ1-3,5	1768871	50	10.5
4	MC 1,5/ 4-STZ1-3,5	1767500	50	14
5	MC 1,5/ 5-STZ2-3,5	1767623	50	17.5
6	MC 1,5/ 6-STZ2-3,5	1767610	50	21
7	MC 1,5/ 7-STZ2-3,5	1768884	50	24.5
8	MC 1,5/ 8-STZ3-3,5	1765599	50	28
9	MC 1,5/ 9-STZ3-3,5	1768897	50	31.5
10	MC 1,5/10-STZ4-3,5	1766255	50	35
11	MC 1,5/11-STZ4-3,5	1768907	50	38.5
12	MC 1,5/12-STZ4-3,5	1768910	50	42



Technical data

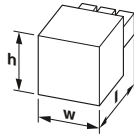
Connection system / type of contact		MINI COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.08 - 0.5 / 0.08 - 0.75		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.34		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 0.5		
Conductor cross section AWG/kcmil		28 - 16		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.22 - 0.25		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		30-14	-	30-14
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 1.5 mm² (AWG 16)

PCB plug, Screw connection with tension sleeve, Pitch: 3.81 mm

MC 1,5/...-STZ



Dimensions	[mm]
Length l	41
Height h	11.6



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
3	MC 1,5/ 3-STZ1-3,81	1768923	50	12.22
4	MC 1,5/ 4-STZ1-3,81	1767461	50	16.03
5	MC 1,5/ 5-STZ2-3,81	1768936	50	19.84
6	MC 1,5/ 6-STZ2-3,81	1767694	50	23.65
7	MC 1,5/ 7-STZ2-3,81	1768949	50	27.46
8	MC 1,5/ 8-STZ3-3,81	1768952	50	31.27
9	MC 1,5/ 9-STZ3-3,81	1767665	50	35.08
10	MC 1,5/10-STZ4-3,81	1767209	50	38.89
11	MC 1,5/11-STZ4-3,81	1768965	50	42.7
12	MC 1,5/12-STZ2-3,81	1759657	50	46.51
12	MC 1,5/12-STZ4-3,81	1768978	50	46.51
13	MC 1,5/13-STZ4-3,81	1765557	50	50.32

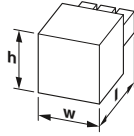


Technical data

Connection system / type of contact		MINI COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.08 - 0.5 / 0.08 - 0.75		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.34		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 0.5		
Conductor cross section AWG/kcmil		28 - 16		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.22 - 0.25		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		30-14	-	30-14
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 3.5 mm

MCVR 1,5/...-ST



Dimensions	[mm]
Length l	10.4
Height h	19.1



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MCVR 1,5/ 2-ST-3,5	1863152	250	7.8
3	MCVR 1,5/ 3-ST-3,5	1863165	250	11.3
4	MCVR 1,5/ 4-ST-3,5	1863178	250	14.8
5	MCVR 1,5/ 5-ST-3,5	1863181	250	18.3
6	MCVR 1,5/ 6-ST-3,5	1863194	50	21.8
7	MCVR 1,5/ 7-ST-3,5	1863204	50	25.3
8	MCVR 1,5/ 8-ST-3,5	1863217	50	28.8
9	MCVR 1,5/ 9-ST-3,5	1863220	50	32.3
10	MCVR 1,5/10-ST-3,5	1863233	50	35.8
11	MCVR 1,5/11-ST-3,5	1863246	50	39.3
12	MCVR 1,5/12-ST-3,5	1863259	50	42.8
13	MCVR 1,5/13-ST-3,5	1863262	50	46.3
14	MCVR 1,5/14-ST-3,5	1863275	50	49.8
15	MCVR 1,5/15-ST-3,5	1863288	50	53.3
16	MCVR 1,5/16-ST-3,5	1863291	50	56.8

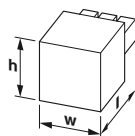


Technical data

Connection system / type of contact		MINI COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.08 - 0.5 / 0.08 - 0.75		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.34		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 0.5		
Conductor cross section AWG/kcmil		28 - 16		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.22 - 0.25		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		30-14	-	30-14
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 3.81 mm

MCVR 1,5/...-ST



Dimensions	[mm]
Length l	10.4
Height h	19.1



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MCVR 1,5/ 2-ST-3,81	1827127	250	8.41
3	MCVR 1,5/ 3-ST-3,81	1827130	250	12.22
4	MCVR 1,5/ 4-ST-3,81	1827143	250	16.03
5	MCVR 1,5/ 5-ST-3,81	1827156	250	19.84
6	MCVR 1,5/ 6-ST-3,81	1827169	50	23.65
7	MCVR 1,5/ 7-ST-3,81	1827172	50	27.46
8	MCVR 1,5/ 8-ST-3,81	1827185	50	31.27
9	MCVR 1,5/ 9-ST-3,81	1827198	50	35.08
10	MCVR 1,5/10-ST-3,81	1827208	50	38.89
11	MCVR 1,5/11-ST-3,81	1827211	50	42.7
12	MCVR 1,5/12-ST-3,81	1827224	50	46.51
13	MCVR 1,5/13-ST-3,81	1827237	50	50.32
14	MCVR 1,5/14-ST-3,81	1827240	50	54.13
15	MCVR 1,5/15-ST-3,81	1827253	50	57.94
16	MCVR 1,5/16-ST-3,81	1827266	50	61.75

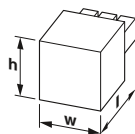


Technical data

Connection system / type of contact		MINI COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.08 - 0.5 / 0.08 - 0.75		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.34		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 0.5		
Conductor cross section AWG/kcmil		28 - 16		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.22 - 0.25		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5		
Surge voltage category/degree of pollution		III/3	III/2	II/2
Rated insulation voltage	[V]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		30-14	-	30-14
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		28-16	-	28-16
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 3.5 mm

MCVR 1,5/...-STF



Dimensions	[mm]
Length l	10.4
Height h	19.1



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MCVR 1,5/ 2-STF-3,5	1863301	50	17.4
3	MCVR 1,5/ 3-STF-3,5	1863314	50	20.9
4	MCVR 1,5/ 4-STF-3,5	1863327	50	24.4
5	MCVR 1,5/ 5-STF-3,5	1863330	50	27.9
6	MCVR 1,5/ 6-STF-3,5	1863343	50	31.4
7	MCVR 1,5/ 7-STF-3,5	1863356	50	34.9
8	MCVR 1,5/ 8-STF-3,5	1863369	50	38.4
9	MCVR 1,5/ 9-STF-3,5	1863372	50	41.9
10	MCVR 1,5/10-STF-3,5	1863385	50	45.4
11	MCVR 1,5/11-STF-3,5	1863398	50	48.9
12	MCVR 1,5/12-STF-3,5	1863408	50	52.4
13	MCVR 1,5/13-STF-3,5	1863411	50	55.9
14	MCVR 1,5/14-STF-3,5	1863424	50	59.4
15	MCVR 1,5/15-STF-3,5	1863437	50	62.9
16	MCVR 1,5/16-STF-3,5	1863440	50	66.4
17	MCVR 1,5/17-STF-3,5	1813774	50	69.9
18	MCVR 1,5/18-STF-3,5	1833615	50	73.4



Technical data

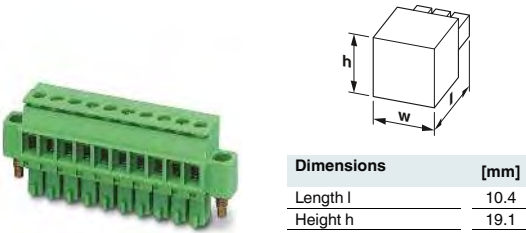
Connection system / type of contact		MINI COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.08 - 0.5 / 0.08 - 0.75		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.34		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 0.5		
Conductor cross section AWG/kcmil		28 - 16		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.22 - 0.25		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5		
Surge voltage category/degree of pollution		III/3	III/2	II/2
Rated insulation voltage	[V]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		30-14	-	30-14
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 1.5 mm² (AWG 16)

PCB plug, Screw connection with tension sleeve, Pitch: 3.81 mm

MCVR 1,5/...-STF



Dimensions	[mm]
Length l	10.4
Height h	19.1



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MCVR 1,5/ 2-STF-3,81	1828346	50	18.01
3	MCVR 1,5/ 3-STF-3,81	1828359	50	21.82
4	MCVR 1,5/ 4-STF-3,81	1828362	50	25.63
5	MCVR 1,5/ 5-STF-3,81	1828375	50	29.44
6	MCVR 1,5/ 6-STF-3,81	1828388	50	33.25
7	MCVR 1,5/ 7-STF-3,81	1828391	50	37.06
8	MCVR 1,5/ 8-STF-3,81	1828401	50	40.87
9	MCVR 1,5/ 9-STF-3,81	1828414	50	44.68
10	MCVR 1,5/10-STF-3,81	1828427	50	48.49
11	MCVR 1,5/11-STF-3,81	1828430	50	52.3
12	MCVR 1,5/12-STF-3,81	1828443	50	56.11
13	MCVR 1,5/13-STF-3,81	1828456	50	59.92
14	MCVR 1,5/14-STF-3,81	1828469	50	63.73
15	MCVR 1,5/15-STF-3,81	1828472	50	67.54
16	MCVR 1,5/16-STF-3,81	1828485	50	71.35

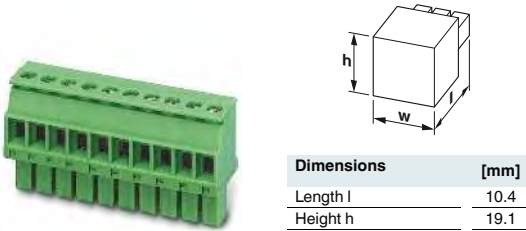


Technical data

Connection system / type of contact		MINI COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.08 - 0.5 / 0.08 - 0.75		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.34		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 0.5		
Conductor cross section AWG/kcmil		28 - 16		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.22 - 0.25		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		30-14	-	30-14
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		28-16	-	28-16
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 3.5 mm

MCVW 1,5/...-ST



Dimensions	[mm]
Length l	10.4
Height h	19.1



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MCVW 1,5/ 2-ST-3,5	1862852	250	7.8
3	MCVW 1,5/ 3-ST-3,5	1862865	250	11.3
4	MCVW 1,5/ 4-ST-3,5	1862878	250	14.8
5	MCVW 1,5/ 5-ST-3,5	1862881	250	18.3
6	MCVW 1,5/ 6-ST-3,5	1862894	50	21.8
7	MCVW 1,5/ 7-ST-3,5	1862904	50	25.3
8	MCVW 1,5/ 8-ST-3,5	1862917	50	28.8
9	MCVW 1,5/ 9-ST-3,5	1862920	50	32.3
10	MCVW 1,5/10-ST-3,5	1862933	50	35.8
11	MCVW 1,5/11-ST-3,5	1862946	50	39.3
12	MCVW 1,5/12-ST-3,5	1862959	50	42.8
13	MCVW 1,5/13-ST-3,5	1862962	50	46.3
14	MCVW 1,5/14-ST-3,5	1862975	50	49.8
15	MCVW 1,5/15-ST-3,5	1862988	50	53.3
16	MCVW 1,5/16-ST-3,5	1862991	50	56.8

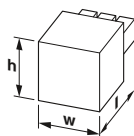


Technical data

Connection system / type of contact		MINI COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.08 - 0.5 / 0.08 - 0.75		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.34		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 0.5		
Conductor cross section AWG/kcmil		28 - 16		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.22 - 0.25		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		30-14	-	30-14
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 3.81 mm

MCVW 1,5/-ST



Dimensions	[mm]
Length l	10.4
Height h	19.15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MCVW 1,5/ 2-ST-3,81	1826979	250	8.41
3	MCVW 1,5/ 3-ST-3,81	1826982	250	12.22
4	MCVW 1,5/ 4-ST-3,81	1826995	250	16.03
5	MCVW 1,5/ 5-ST-3,81	1827004	250	19.84
6	MCVW 1,5/ 6-ST-3,81	1827017	50	23.65
7	MCVW 1,5/ 7-ST-3,81	1827020	50	27.46
8	MCVW 1,5/ 8-ST-3,81	1827033	50	31.27
9	MCVW 1,5/ 9-ST-3,81	1827046	50	35.08
10	MCVW 1,5/10-ST-3,81	1827059	50	38.89
11	MCVW 1,5/11-ST-3,81	1827062	50	42.7
12	MCVW 1,5/12-ST-3,81	1827075	50	46.51
13	MCVW 1,5/13-ST-3,81	1827088	50	50.32
14	MCVW 1,5/14-ST-3,81	1827091	50	54.13
15	MCVW 1,5/15-ST-3,81	1827101	50	57.94
16	MCVW 1,5/16-ST-3,81	1827114	50	61.75

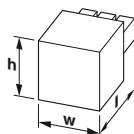


Technical data

Connection system / type of contact		MINI COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.08 - 0.5 / 0.08 - 0.75		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.34		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 0.5		
Conductor cross section AWG/kcmil		28 - 16		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.22 - 0.25		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5		
Surge voltage category/degree of pollution		III/3	III/2	II/2
Rated insulation voltage	[V]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		30-14	-	30-14
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		28-16	-	28-16
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 3.5 mm

MCVW 1,5/-STF



Dimensions	[mm]
Length l	10.4
Height h	19.1



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MCVW 1,5/ 2-STF-3,5	1863000	50	17.4
3	MCVW 1,5/ 3-STF-3,5	1863013	50	20.9
4	MCVW 1,5/ 4-STF-3,5	1863026	50	24.4
5	MCVW 1,5/ 5-STF-3,5	1863039	50	27.9
6	MCVW 1,5/ 6-STF-3,5	1863042	50	31.4
7	MCVW 1,5/ 7-STF-3,5	1863055	50	34.9
8	MCVW 1,5/ 8-STF-3,5	1863068	50	38.4
9	MCVW 1,5/ 9-STF-3,5	1863071	50	41.9
10	MCVW 1,5/10-STF-3,5	1863084	50	45.4
11	MCVW 1,5/11-STF-3,5	1863097	50	48.9
12	MCVW 1,5/12-STF-3,5	1863107	50	52.4
13	MCVW 1,5/13-STF-3,5	1863110	50	5.9
14	MCVW 1,5/14-STF-3,5	1863123	50	5.4
15	MCVW 1,5/15-STF-3,5	1863136	50	62.9
16	MCVW 1,5/16-STF-3,5	1863149	50	66.4



Technical data

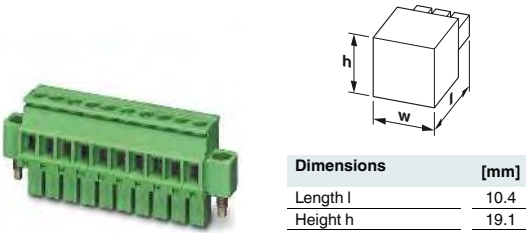
Connection system / type of contact		MINI COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.08 - 0.5 / 0.08 - 0.75		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.34		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 0.5		
Conductor cross section AWG/kcmil		28 - 16		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.22 - 0.25		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5		
Surge voltage category/degree of pollution		III/3	III/2	II/2
Rated insulation voltage	[V]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		30-14	-	30-14
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 1.5 mm² (AWG 16)

PCB plug, Screw connection with tension sleeve, Pitch: 3.81 mm

MCVW 1,5/...-STF



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MCVW 1,5/ 2-STF-3,81	1828498	50	18.01
3	MCVW 1,5/ 3-STF-3,81	1828508	50	21.82
4	MCVW 1,5/ 4-STF-3,81	1828511	50	25.63
5	MCVW 1,5/ 5-STF-3,81	1828524	50	29.44
6	MCVW 1,5/ 6-STF-3,81	1828537	50	33.25
7	MCVW 1,5/ 7-STF-3,81	1828540	50	37.06
8	MCVW 1,5/ 8-STF-3,81	1828553	50	40.87
9	MCVW 1,5/ 9-STF-3,81	1828566	50	44.68
10	MCVW 1,5/10-STF-3,81	1828579	50	48.49
11	MCVW 1,5/11-STF-3,81	1828582	50	52.3
12	MCVW 1,5/12-STF-3,81	1828595	50	56.11
13	MCVW 1,5/13-STF-3,81	1828605	50	59.92
14	MCVW 1,5/14-STF-3,81	1828618	50	63.73
15	MCVW 1,5/15-STF-3,81	1828621	50	67.54
16	MCVW 1,5/16-STF-3,81	1828634	50	71.35

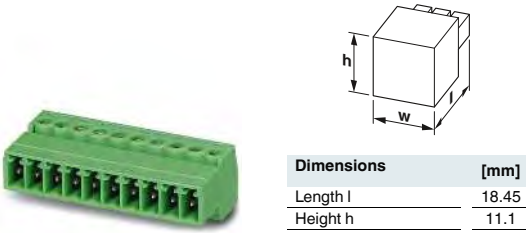


Technical data

Connection system / type of contact		MINI COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.08 - 0.5 / 0.08 - 0.75		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.34		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 0.5		
Conductor cross section AWG/kcmil		28 - 16		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.22 - 0.25		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5		
Surge voltage category/degree of pollution		III/3	III/2	II/2
Rated insulation voltage	[V]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		30-14	-	30-14
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		28-16	-	28-16
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 3.81 mm

IMC 1,5/...-ST



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	IMC 1,5/ 2-ST-3,81	1857883	50	8.41
3	IMC 1,5/ 3-ST-3,81	1857896	50	12.22
4	IMC 1,5/ 4-ST-3,81	1857906	50	16.03
5	IMC 1,5/ 5-ST-3,81	1857919	50	19.84
6	IMC 1,5/ 6-ST-3,81	1857922	50	23.65
7	IMC 1,5/ 7-ST-3,81	1857935	50	27.46
8	IMC 1,5/ 8-ST-3,81	1857948	50	31.27
9	IMC 1,5/ 9-ST-3,81	1857951	50	35.08
10	IMC 1,5/10-ST-3,81	1857964	50	38.89
11	IMC 1,5/11-ST-3,81	1857977	50	42.7
12	IMC 1,5/12-ST-3,81	1857980	50	46.51
13	IMC 1,5/13-ST-3,81	1857993	50	50.32
14	IMC 1,5/14-ST-3,81	1858002	50	54.13
15	IMC 1,5/15-ST-3,81	1858015	50	57.94
16	IMC 1,5/16-ST-3,81	1858028	50	61.75

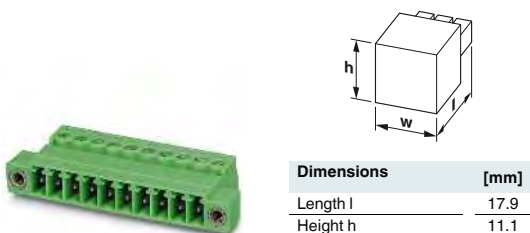


Technical data

Connection system / type of contact		MINI COMBICON / Male connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.08 - 0.5 / 0.08 - 0.75		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.2 - 0.34		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 0.5		
Conductor cross section AWG/kcmil		28 - 16		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.22 - 0.25		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5		
Surge voltage category/degree of pollution		III/3	III/2	II/2
Rated insulation voltage	[V]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		30-14	-	30-14
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 3.81 mm

IMC 1,5/...-STGF



Dimensions	[mm]
Length l	17.9
Height h	11.1



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	IMC 1,5/ 2-STGF-3,81	1858031	50	18.01
3	IMC 1,5/ 3-STGF-3,81	1858044	50	21.82
4	IMC 1,5/ 4-STGF-3,81	1858057	50	25.63
5	IMC 1,5/ 5-STGF-3,81	1858060	50	29.44
6	IMC 1,5/ 6-STGF-3,81	1858073	50	33.25
7	IMC 1,5/ 7-STGF-3,81	1858086	50	37.06
8	IMC 1,5/ 8-STGF-3,81	1858099	50	40.87
9	IMC 1,5/ 9-STGF-3,81	1858109	50	44.68
10	IMC 1,5/10-STGF-3,81	1858112	50	48.49
11	IMC 1,5/11-STGF-3,81	1858125	50	52.3
12	IMC 1,5/12-STGF-3,81	1858138	50	56.11
13	IMC 1,5/13-STGF-3,81	1858141	50	59.92
14	IMC 1,5/14-STGF-3,81	1858154	50	63.73
15	IMC 1,5/15-STGF-3,81	1858167	50	67.54
16	IMC 1,5/16-STGF-3,81	1858170	50	71.35

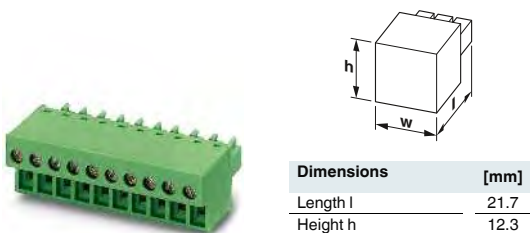


Technical data

Connection system / type of contact	MINI COMBICON / Male connector		
Locking	Threaded flange		
Connection capacity			
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5	
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5	
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.5	
2 conductors with same cross section solid / stranded	[mm ²]	0.08 - 0.5 / 0.08 - 0.75	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.2 - 0.34	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 0.5	
Conductor cross section AWG/kcmil		28 - 16	
Stripping length	[mm]	7	
Tightening torque	[Nm]	0.22 - 0.25	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	160	160 320
Rated surge voltage	[kV]	2.5	2.5 2.5
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 8	- 300 / 8
AWG		30-14	- 30-14
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

PCB plug, Front screw connection, Pitch: 3.81 mm

FRONT-MC 1,5/...-ST



Dimensions	[mm]
Length l	21.7
Height h	12.3



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FRONT-MC 1,5/ 2-ST-3,81	1850660	250	8.41
3	FRONT-MC 1,5/ 3-ST-3,81	1850673	250	12.22
4	FRONT-MC 1,5/ 4-ST-3,81	1850686	250	16.03
5	FRONT-MC 1,5/ 5-ST-3,81	1850699	250	19.84
6	FRONT-MC 1,5/ 6-ST-3,81	1850709	50	23.65
7	FRONT-MC 1,5/ 7-ST-3,81	1850712	50	27.46
8	FRONT-MC 1,5/ 8-ST-3,81	1850725	50	31.27
9	FRONT-MC 1,5/ 9-ST-3,81	1850738	50	35.08
10	FRONT-MC 1,5/10-ST-3,81	1850741	50	38.89
11	FRONT-MC 1,5/11-ST-3,81	1850754	50	42.7
12	FRONT-MC 1,5/12-ST-3,81	1850767	50	46.51
13	FRONT-MC 1,5/13-ST-3,81	1850770	50	50.32
14	FRONT-MC 1,5/14-ST-3,81	1850783	50	54.13
15	FRONT-MC 1,5/15-ST-3,81	1850796	50	57.94
16	FRONT-MC 1,5/16-ST-3,81	1850806	50	61.75
17	FRONT-MC 1,5/17-ST-3,81	1850819	50	65.56
18	FRONT-MC 1,5/18-ST-3,81	1850822	50	69.37
19	FRONT-MC 1,5/19-ST-3,81	1850835	50	73.18
20	FRONT-MC 1,5/20-ST-3,81	1850848	50	76.99



Technical data

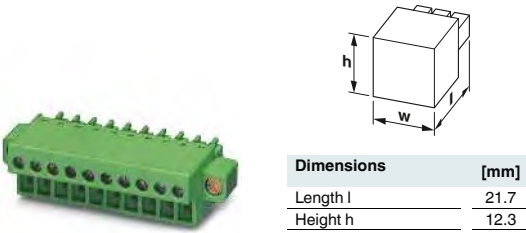
Connection system / type of contact	MINI COMBICON / Female connector		
Locking	without		
Connection capacity			
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5	
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5	
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.5	
2 conductors with same cross section solid / stranded	[mm ²]	0.14 - 0.5 / 0.14 - 0.75	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.34	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 0.5	
Conductor cross section AWG/kcmil		28 - 16	
Stripping length	[mm]	9	
Tightening torque	[Nm]	0.22 - 0.25	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	160	160 320
Rated surge voltage	[kV]	2.5	2.5 2.5
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 8	- 300 / 8
AWG		30-16	- 30-16
Approval data (CSA)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 8	- 300 / 8
AWG		28-16	- 28-16
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

PCB connectors

Conductor cross section up to 1.5 mm² (AWG 16)

PCB plug, Front screw connection, Pitch: 3.81 mm

FRONT-MC 1,5/...-STF



Dimensions	[mm]
Length l	21.7
Height h	12.3



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FRONT-MC 1,5/ 2-STF-3,81	1850851	250	18.01
3	FRONT-MC 1,5/ 3-STF-3,81	1850864	250	21.82
4	FRONT-MC 1,5/ 4-STF-3,81	1850877	250	25.63
5	FRONT-MC 1,5/ 5-STF-3,81	1850880	250	29.44
6	FRONT-MC 1,5/ 6-STF-3,81	1850893	50	33.25
7	FRONT-MC 1,5/ 7-STF-3,81	1850903	50	37.06
8	FRONT-MC 1,5/ 8-STF-3,81	1850916	50	40.87
9	FRONT-MC 1,5/ 9-STF-3,81	1850929	50	44.68
10	FRONT-MC 1,5/10-STF-3,81	1850932	50	48.49
11	FRONT-MC 1,5/11-STF-3,81	1850945	50	52.3
12	FRONT-MC 1,5/12-STF-3,81	1850958	50	56.11
13	FRONT-MC 1,5/13-STF-3,81	1850961	50	59.92
14	FRONT-MC 1,5/14-STF-3,81	1850974	50	63.73
15	FRONT-MC 1,5/15-STF-3,81	1850987	50	67.54
16	FRONT-MC 1,5/16-STF-3,81	1850990	50	71.35
17	FRONT-MC 1,5/17-STF-3,81	1851009	50	75.16
18	FRONT-MC 1,5/18-STF-3,81	1851012	50	78.97
19	FRONT-MC 1,5/19-STF-3,81	1851025	50	82.78
20	FRONT-MC 1,5/20-STF-3,81	1851038	50	86.59

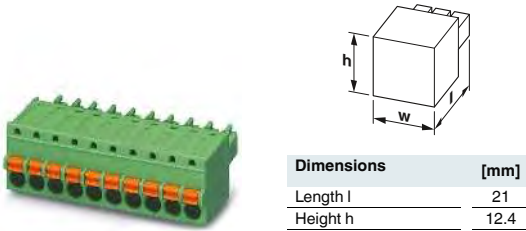


Technical data

Connection system / type of contact		MINI COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.14 - 0.5 / 0.14 - 0.75		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.34		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 0.5		
Conductor cross section AWG/kcmil		28 - 16		
Stripping length	[mm]	9		
Tightening torque	[Nm]	0.22 - 0.25		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		30-16	-	30-16
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		28-16	-	28-16
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 3.5 mm

FK-MCP 1,5/...-ST



Dimensions	[mm]
Length l	21
Height h	12.4



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FK-MCP 1,5/ 2-ST-3,5	1939918	50	7.9
3	FK-MCP 1,5/ 3-ST-3,5	1939921	50	11.4
4	FK-MCP 1,5/ 4-ST-3,5	1939934	50	14.9
5	FK-MCP 1,5/ 5-ST-3,5	1939947	50	18.4
6	FK-MCP 1,5/ 6-ST-3,5	1939950	50	21.9
7	FK-MCP 1,5/ 7-ST-3,5	1939960	50	25.4
8	FK-MCP 1,5/ 8-ST-3,5	1939963	50	28.9
9	FK-MCP 1,5/ 9-ST-3,5	1939976	50	32.4
10	FK-MCP 1,5/10-ST-3,5	1939989	50	35.9
11	FK-MCP 1,5/11-ST-3,5	1939992	50	39.4
12	FK-MCP 1,5/12-ST-3,5	1940004	50	42.9
13	FK-MCP 1,5/13-ST-3,5	1940017	50	46.4
14	FK-MCP 1,5/14-ST-3,5	1940020	50	49.9
15	FK-MCP 1,5/15-ST-3,5	1940033	50	53.4
16	FK-MCP 1,5/16-ST-3,5	1940046	50	56.9
17	FK-MCP 1,5/17-ST-3,5	1940059	50	60.4
18	FK-MCP 1,5/18-ST-3,5	1940062	50	63.9
19	FK-MCP 1,5/19-ST-3,5	1940075	50	67.4
20	FK-MCP 1,5/20-ST-3,5	1940088	50	70.9

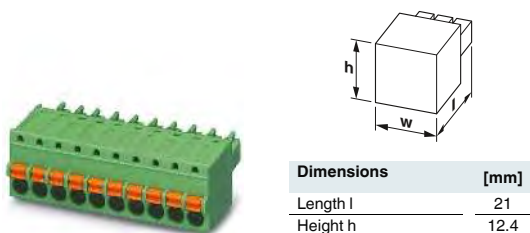


Technical data

Connection system / type of contact		MINI COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.5		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		26 - 16		
Stripping length	[mm]	9		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	-
AWG		28-16	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 3.81 mm

FK-MCP 1,5/...-ST



Dimensions	[mm]
Length l	21
Height h	12.4



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FK-MCP 1,5/ 2-ST-3,81	1851041	50	8.41
3	FK-MCP 1,5/ 3-ST-3,81	1851054	50	12.22
4	FK-MCP 1,5/ 4-ST-3,81	1851067	50	16.03
5	FK-MCP 1,5/ 5-ST-3,81	1851070	50	19.84
6	FK-MCP 1,5/ 6-ST-3,81	1851083	50	23.65
7	FK-MCP 1,5/ 7-ST-3,81	1851096	50	27.46
8	FK-MCP 1,5/ 8-ST-3,81	1851106	50	31.27
9	FK-MCP 1,5/ 9-ST-3,81	1851119	50	35.08
10	FK-MCP 1,5/10-ST-3,81	1851122	50	38.89
11	FK-MCP 1,5/11-ST-3,81	1851135	50	42.7
12	FK-MCP 1,5/12-ST-3,81	1851148	50	46.51
13	FK-MCP 1,5/13-ST-3,81	1851151	50	50.32
14	FK-MCP 1,5/14-ST-3,81	1851164	50	54.13
15	FK-MCP 1,5/15-ST-3,81	1851177	50	57.94
16	FK-MCP 1,5/16-ST-3,81	1851180	50	61.75
17	FK-MCP 1,5/17-ST-3,81	1851193	50	65.56
18	FK-MCP 1,5/18-ST-3,81	1851203	50	69.37
19	FK-MCP 1,5/19-ST-3,81	1851216	50	73.18
20	FK-MCP 1,5/20-ST-3,81	1851229	50	76.99

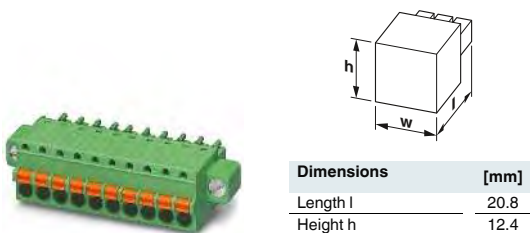


Technical data

Connection system / type of contact		MINI COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.75		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		26 - 16		
Stripping length	[mm]	9		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	-
AWG		28-16	-	-
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	-
AWG		28-16	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 3.5 mm

FK-MCP 1,5/...-STF



Dimensions	[mm]
Length l	20.8
Height h	12.4



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FK-MCP 1,5/ 2-STF-3,5	1940091	50	17.3
3	FK-MCP 1,5/ 3-STF-3,5	1940101	50	20.8
4	FK-MCP 1,5/ 4-STF-3,5	1940114	50	24.3
5	FK-MCP 1,5/ 5-STF-3,5	1940127	50	27.8
6	FK-MCP 1,5/ 6-STF-3,5	1940130	50	31.3
7	FK-MCP 1,5/ 7-STF-3,5	1940143	50	34.8
8	FK-MCP 1,5/ 8-STF-3,5	1940156	50	38.3
9	FK-MCP 1,5/ 9-STF-3,5	1940169	50	41.8
10	FK-MCP 1,5/10-STF-3,5	1940172	50	45.3
11	FK-MCP 1,5/11-STF-3,5	1940185	50	48.8
12	FK-MCP 1,5/12-STF-3,5	1940198	50	52.3
13	FK-MCP 1,5/13-STF-3,5	1940208	50	55.8
14	FK-MCP 1,5/14-STF-3,5	1940211	50	59.3
15	FK-MCP 1,5/15-STF-3,5	1940224	50	62.8
16	FK-MCP 1,5/16-STF-3,5	1940237	50	66.3
17	FK-MCP 1,5/17-STF-3,5	1940240	50	69.8
18	FK-MCP 1,5/18-STF-3,5	1940253	50	73.3
19	FK-MCP 1,5/19-STF-3,5	1940266	50	76.8
20	FK-MCP 1,5/20-STF-3,5	1940279	50	80.3



Technical data

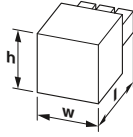
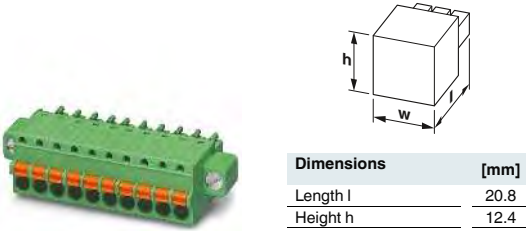
Connection system / type of contact		MINI COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.5		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		26 - 16		
Stripping length	[mm]	9		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	-
AWG		28-16	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 1.5 mm² (AWG 16)

PCB plug, Push-in spring connection, Pitch: 3.81 mm

FK-MCP 1,5/-STF



Dimensions	[mm]
Length l	20.8
Height h	12.4



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FK-MCP 1,5/ 2-STF-3,81	1851232	50	18.01
3	FK-MCP 1,5/ 3-STF-3,81	1851245	50	21.82
4	FK-MCP 1,5/ 4-STF-3,81	1851258	50	25.63
5	FK-MCP 1,5/ 5-STF-3,81	1851261	50	29.44
6	FK-MCP 1,5/ 6-STF-3,81	1851274	50	33.25
7	FK-MCP 1,5/ 7-STF-3,81	1851287	50	37.06
8	FK-MCP 1,5/ 8-STF-3,81	1851290	50	40.87
9	FK-MCP 1,5/ 9-STF-3,81	1851300	50	44.68
10	FK-MCP 1,5/10-STF-3,81	1851313	50	48.49
11	FK-MCP 1,5/11-STF-3,81	1851326	50	52.3
12	FK-MCP 1,5/12-STF-3,81	1851339	50	56.11
13	FK-MCP 1,5/13-STF-3,81	1851342	50	59.92
14	FK-MCP 1,5/14-STF-3,81	1851355	50	63.73
15	FK-MCP 1,5/15-STF-3,81	1851368	50	67.54
16	FK-MCP 1,5/16-STF-3,81	1851371	50	71.35
17	FK-MCP 1,5/17-STF-3,81	1851384	50	75.16
18	FK-MCP 1,5/18-STF-3,81	1851397	50	78.97
19	FK-MCP 1,5/19-STF-3,81	1851407	50	82.78
20	FK-MCP 1,5/20-STF-3,81	1851410	50	86.59

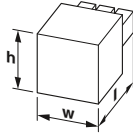
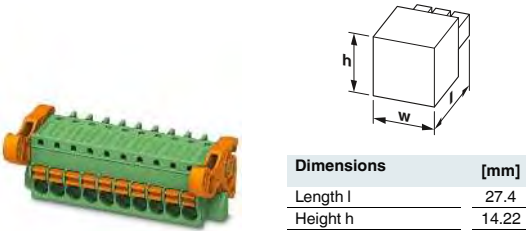


Technical data

Connection system / type of contact		MINI COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.75		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		26 - 16		
Stripping length	[mm]	9		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	-
AWG		28-16	-	-
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	-
AWG		28-16	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 3.5 mm

FK-MCP 1,5/-ST-LR



Dimensions	[mm]
Length l	27.4
Height h	14.22



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FK-MCP 1,5/ 2-ST-3,5-LR	1817233	50	14.04
3	FK-MCP 1,5/ 3-ST-3,5-LR	1817246	50	17.54
4	FK-MCP 1,5/ 4-ST-3,5-LR	1817259	50	21.04
5	FK-MCP 1,5/ 5-ST-3,5-LR	1817262	50	24.54
6	FK-MCP 1,5/ 6-ST-3,5-LR	1817275	50	28.04
7	FK-MCP 1,5/ 7-ST-3,5-LR	1817288	50	31.54
8	FK-MCP 1,5/ 8-ST-3,5-LR	1817291	50	35.04
9	FK-MCP 1,5/ 9-ST-3,5-LR	1817301	50	38.54
10	FK-MCP 1,5/10-ST-3,5-LR	1817314	50	42.04
11	FK-MCP 1,5/11-ST-3,5-LR	1817327	50	45.54
12	FK-MCP 1,5/12-ST-3,5-LR	1817330	50	49.04
13	FK-MCP 1,5/13-ST-3,5-LR	1817343	50	52.54
14	FK-MCP 1,5/14-ST-3,5-LR	1817356	50	56.04
15	FK-MCP 1,5/15-ST-3,5-LR	1817369	50	59.54
16	FK-MCP 1,5/16-ST-3,5-LR	1817372	50	63.04
17	FK-MCP 1,5/17-ST-3,5-LR	1817385	50	66.54
18	FK-MCP 1,5/18-ST-3,5-LR	1817398	50	70.04
19	FK-MCP 1,5/19-ST-3,5-LR	1817408	50	73.54
20	FK-MCP 1,5/20-ST-3,5-LR	1817411	50	77.04

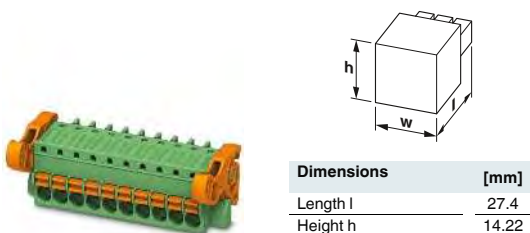


Technical data

Connection system / type of contact		MINI COMBICON / Female connector		
Locking		Lock & Release ejector lever		
Connection capacity				
Solid / stranded	[mm²]	0.14 - 1.5 / 0.14 - 1.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 0.5		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-		
Conductor cross section AWG/kcmil		26 - 16		
Stripping length	[mm]	9		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	8 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	-
AWG		28-16	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 3.81 mm

FK-MCP 1,5/...-ST-LR



Dimensions	[mm]
Length l	27.4
Height h	14.22



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FK-MCP 1,5/ 2-ST-3,81-LR	1817424	50	14.55
3	FK-MCP 1,5/ 3-ST-3,81-LR	1817437	50	18.36
4	FK-MCP 1,5/ 4-ST-3,81-LR	1817440	50	22.17
5	FK-MCP 1,5/ 5-ST-3,81-LR	1817453	50	25.98
6	FK-MCP 1,5/ 6-ST-3,81-LR	1817466	50	29.79
7	FK-MCP 1,5/ 7-ST-3,81-LR	1817479	50	33.6
8	FK-MCP 1,5/ 8-ST-3,81-LR	1817482	50	37.41
9	FK-MCP 1,5/ 9-ST-3,81-LR	1817495	50	41.22
10	FK-MCP 1,5/10-ST-3,81-LR	1817505	50	45.03
11	FK-MCP 1,5/11-ST-3,81-LR	1817518	50	48.84
12	FK-MCP 1,5/12-ST-3,81-LR	1817521	50	52.65
13	FK-MCP 1,5/13-ST-3,81-LR	1817534	50	56.46
14	FK-MCP 1,5/14-ST-3,81-LR	1817547	50	60.27
15	FK-MCP 1,5/15-ST-3,81-LR	1817550	50	64.08
16	FK-MCP 1,5/16-ST-3,81-LR	1817563	50	67.89
17	FK-MCP 1,5/17-ST-3,81-LR	1817576	50	71.7
18	FK-MCP 1,5/18-ST-3,81-LR	1817589	50	75.51
19	FK-MCP 1,5/19-ST-3,81-LR	1817592	50	79.32
20	FK-MCP 1,5/20-ST-3,81-LR	1817602	50	83.13

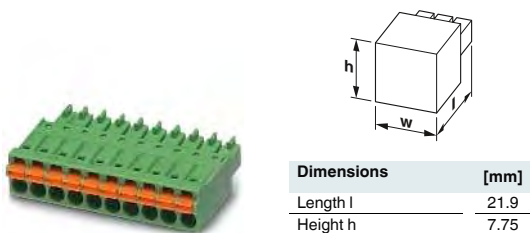


Technical data

Connection system / type of contact		MINI COMBICON / Female connector		
Locking		Lock & Release ejector lever		
Connection capacity				
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.75		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		26 - 16		
Stripping length	[mm]	9		
Tightening torque		[Nm]		
Electrical parameters		-		
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current		300 / 8	-	-
AWG		28-16	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 3.5 mm

FMC 1,5/...-ST



Dimensions	[mm]
Length l	21.9
Height h	7.75



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FMC 1,5/ 2-ST-3,5	1952267	250	7.75
3	FMC 1,5/ 3-ST-3,5	1952270	250	11.25
4	FMC 1,5/ 4-ST-3,5	1952283	250	14.75
5	FMC 1,5/ 5-ST-3,5	1952296	250	18.25
6	FMC 1,5/ 6-ST-3,5	1952306	50	21.75
7	FMC 1,5/ 7-ST-3,5	1952319	50	25.25
8	FMC 1,5/ 8-ST-3,5	1952322	50	28.75
9	FMC 1,5/ 9-ST-3,5	1952335	50	32.25
10	FMC 1,5/10-ST-3,5	1952348	50	35.75
11	FMC 1,5/11-ST-3,5	1952351	50	39.25
12	FMC 1,5/12-ST-3,5	1952364	50	42.75
13	FMC 1,5/13-ST-3,5	1952377	50	46.25
14	FMC 1,5/14-ST-3,5	1952380	50	49.75
15	FMC 1,5/15-ST-3,5	1952393	50	53.25
16	FMC 1,5/16-ST-3,5	1952403	50	56.75
17	FMC 1,5/17-ST-3,5	1952416	50	60.25
18	FMC 1,5/18-ST-3,5	1952429	50	63.75
19	FMC 1,5/19-ST-3,5	1952432	50	67.25
20	FMC 1,5/20-ST-3,5	1952445	50	70.75



Technical data

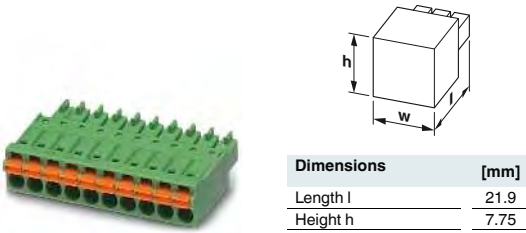
Connection system / type of contact		MINI COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.75		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		24 - 16		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	150 / 8	50 / 8	-
AWG		24-16	24-16	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 1.5 mm² (AWG 16)

PCB plug, Push-in spring connection, Pitch: 3.81 mm

FMC 1,5/-ST



Dimensions	[mm]
Length l	21.9
Height h	7.75



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FMC 1,5/ 2-ST-3,81	1745894	250	8.06
3	FMC 1,5/ 3-ST-3,81	1745904	250	11.87
4	FMC 1,5/ 4-ST-3,81	1745917	250	15.68
5	FMC 1,5/ 5-ST-3,81	1745920	250	19.49
6	FMC 1,5/ 6-ST-3,81	1748011	50	23.3
7	FMC 1,5/ 7-ST-3,81	1748024	50	27.11
8	FMC 1,5/ 8-ST-3,81	1748037	50	30.92
9	FMC 1,5/ 9-ST-3,81	1748040	50	34.73
10	FMC 1,5/10-ST-3,81	1748053	50	38.54
11	FMC 1,5/11-ST-3,81	1748066	50	42.35
12	FMC 1,5/12-ST-3,81	1748079	50	46.16
13	FMC 1,5/13-ST-3,81	1748082	50	49.97
14	FMC 1,5/14-ST-3,81	1748095	50	53.78
15	FMC 1,5/15-ST-3,81	1748105	50	57.59
16	FMC 1,5/16-ST-3,81	1748118	50	61.4
17	FMC 1,5/17-ST-3,81	1748121	50	65.21
18	FMC 1,5/18-ST-3,81	1748134	50	69.02
19	FMC 1,5/19-ST-3,81	1748147	50	72.83
20	FMC 1,5/20-ST-3,81	1748150	50	76.64

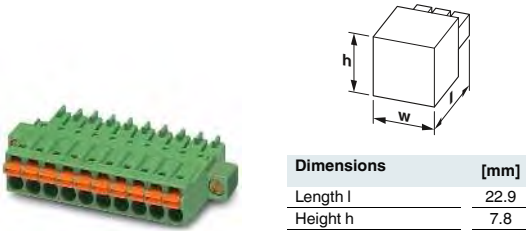


Technical data

Connection system / type of contact		MINI COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 1		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-		
Conductor cross section AWG/kcmil		24 - 16		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	8 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	50 / 8	-
AWG		24-16	24-16	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 3.5 mm

FMC 1,5/-STF



Dimensions	[mm]
Length l	22.9
Height h	7.8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FMC 1,5/ 2-STF-3,5	1966091	50	17.3
3	FMC 1,5/ 3-STF-3,5	1966101	50	20.8
4	FMC 1,5/ 4-STF-3,5	1966114	50	24.3
5	FMC 1,5/ 5-STF-3,5	1966127	50	27.8
6	FMC 1,5/ 6-STF-3,5	1966130	50	31.3
7	FMC 1,5/ 7-STF-3,5	1966143	50	34.8
8	FMC 1,5/ 8-STF-3,5	1966156	50	38.3
9	FMC 1,5/ 9-STF-3,5	1966169	50	41.8
10	FMC 1,5/10-STF-3,5	1966172	50	45.3
11	FMC 1,5/11-STF-3,5	1966185	50	48.8
12	FMC 1,5/12-STF-3,5	1966198	50	52.3
13	FMC 1,5/13-STF-3,5	1966208	50	55.8
14	FMC 1,5/14-STF-3,5	1966211	50	59.3
15	FMC 1,5/15-STF-3,5	1966224	50	62.8
16	FMC 1,5/16-STF-3,5	1966237	50	66.3
17	FMC 1,5/17-STF-3,5	1966240	50	69.8
18	FMC 1,5/18-STF-3,5	1966253	50	73.3
19	FMC 1,5/19-STF-3,5	1966266	50	76.8
20	FMC 1,5/20-STF-3,5	1966279	50	80.3

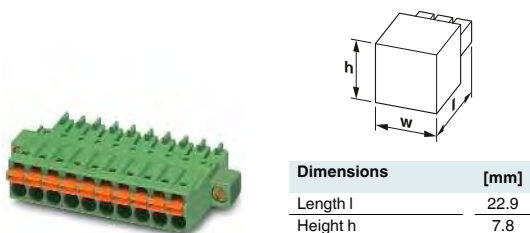


Technical data

Connection system / type of contact		MINI COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 0.75		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-		
Conductor cross section AWG/kcmil		24 - 16		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	8 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	150 / 8	50 / 8	-
AWG		24-16	24-16	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 3.81 mm

FMC 1,5/...-STF



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FMC 1,5/ 2-STF-3,81	1748354	50	17.71
3	FMC 1,5/ 3-STF-3,81	1748367	50	21.52
4	FMC 1,5/ 4-STF-3,81	1748370	50	25.33
5	FMC 1,5/ 5-STF-3,81	1748383	50	29.14
6	FMC 1,5/ 6-STF-3,81	1748396	50	32.95
7	FMC 1,5/ 7-STF-3,81	1748406	50	36.76
8	FMC 1,5/ 8-STF-3,81	1748419	50	40.57
9	FMC 1,5/ 9-STF-3,81	1748422	50	44.38
10	FMC 1,5/10-STF-3,81	1748435	50	48.19
11	FMC 1,5/11-STF-3,81	1748448	50	52
12	FMC 1,5/12-STF-3,81	1748451	50	55.81
13	FMC 1,5/13-STF-3,81	1748464	50	59.62
14	FMC 1,5/14-STF-3,81	1748477	50	63.43
15	FMC 1,5/15-STF-3,81	1748480	50	67.24
16	FMC 1,5/16-STF-3,81	1748493	50	71.05
17	FMC 1,5/17-STF-3,81	1748503	50	74.86
18	FMC 1,5/18-STF-3,81	1748516	50	78.67
19	FMC 1,5/19-STF-3,81	1748529	50	82.48
20	FMC 1,5/20-STF-3,81	1748532	50	86.29

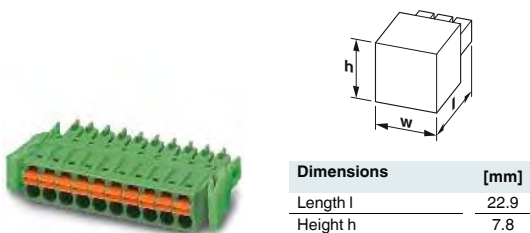


Technical data

Connection system / type of contact		MINI COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		24 - 16		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	50 / 8	-
AWG		24-16	24-16	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 3.5 mm

FMC 1,5/...-ST-RF



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FMC 1,5/ 2-ST-3,5-RF	1952021	250	17.1
3	FMC 1,5/ 3-ST-3,5-RF	1952034	250	20.6
4	FMC 1,5/ 4-ST-3,5-RF	1952047	250	24.1
5	FMC 1,5/ 5-ST-3,5-RF	1952050	250	27.6
6	FMC 1,5/ 6-ST-3,5-RF	1952063	50	31.1
7	FMC 1,5/ 7-ST-3,5-RF	1952076	50	34.6
8	FMC 1,5/ 8-ST-3,5-RF	1952089	50	38.1
9	FMC 1,5/ 9-ST-3,5-RF	1952092	50	41.6
10	FMC 1,5/10-ST-3,5-RF	1952102	50	45.1
11	FMC 1,5/11-ST-3,5-RF	1952115	50	48.6
12	FMC 1,5/12-ST-3,5-RF	1952128	50	52.1
13	FMC 1,5/13-ST-3,5-RF	1952131	50	55.6
14	FMC 1,5/14-ST-3,5-RF	1952144	50	59.1
15	FMC 1,5/15-ST-3,5-RF	1952157	50	62.6
16	FMC 1,5/16-ST-3,5-RF	1952160	50	66.1
17	FMC 1,5/17-ST-3,5-RF	1952173	50	69.6
18	FMC 1,5/18-ST-3,5-RF	1952186	50	73.1
19	FMC 1,5/19-ST-3,5-RF	1952199	50	76.6
20	FMC 1,5/20-ST-3,5-RF	1952209	50	80.1



Technical data

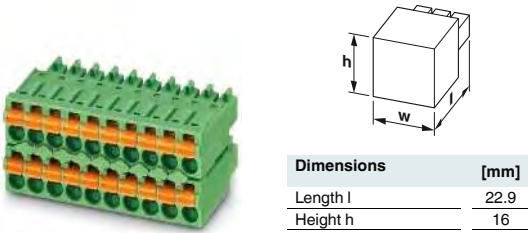
Connection system / type of contact		MINI COMBICON / Female connector		
Locking		Self-locking flange		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.75		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		24 - 16		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	150 / 8	50 / 8	-
AWG		24-16	24-16	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 1.5 mm² (AWG 16)

PCB plug, Push-in spring connection, Pitch: 3.5 mm

FMCD 1,5/...-ST



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FMCD 1,5/ 2-ST-3,5	1707854	50	7.75
3	FMCD 1,5/ 3-ST-3,5	1738814	50	11.25
4	FMCD 1,5/ 4-ST-3,5	1738827	50	14.75
5	FMCD 1,5/ 5-ST-3,5	1738830	50	18.2
6	FMCD 1,5/ 6-ST-3,5	1738843	50	21.75
7	FMCD 1,5/ 7-ST-3,5	1738856	50	25.25
8	FMCD 1,5/ 8-ST-3,5	1738869	50	28.75
9	FMCD 1,5/ 9-ST-3,5	1738872	50	32.25
10	FMCD 1,5/10-ST-3,5	1738885	50	35.75
11	FMCD 1,5/11-ST-3,5	1738898	50	39.25
12	FMCD 1,5/12-ST-3,5	1738908	50	42.75
13	FMCD 1,5/13-ST-3,5	1738911	50	46.25
14	FMCD 1,5/14-ST-3,5	1738924	50	49.75
15	FMCD 1,5/15-ST-3,5	1738937	50	53.25

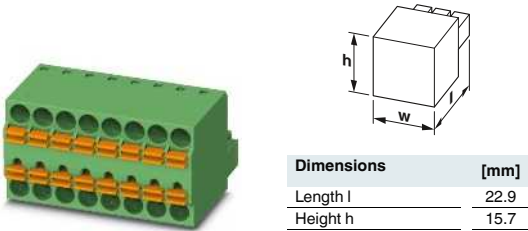


Technical data

Connection system / type of contact		MINI COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.75		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		24 - 16		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5		
Surge voltage category/degree of pollution		III / 3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	150 / 8	-	-
AWG		24-16	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 3.5 mm

TFMC 1,5/...-ST



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	TFMC 1,5/ 2-ST-3,5	1772618	50	7.8
3	TFMC 1,5/ 3-ST-3,5	1772621	50	11.3
4	TFMC 1,5/ 4-ST-3,5	1772634	50	14.8
5	TFMC 1,5/ 5-ST-3,5	1772647	50	18.3
6	TFMC 1,5/ 6-ST-3,5	1772650	50	21.8
7	TFMC 1,5/ 7-ST-3,5	1772663	50	25.3
8	TFMC 1,5/ 8-ST-3,5	1772676	50	28.8
9	TFMC 1,5/ 9-ST-3,5	1772689	50	32.3
10	TFMC 1,5/10-ST-3,5	1772692	50	35.8

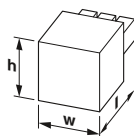


Technical data

Connection system / type of contact		MINI COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.75		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		24 - 16		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5		
Surge voltage category/degree of pollution		III / 3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	50 / 8	-
AWG		24-16	24-16	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 3.5 mm

TFMC 1,5/...-STF



Dimensions	[mm]
Length l	22.9
Height h	15.7



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	TFMC 1,5/ 2-STF-3,5	1772702	50	17.02
3	TFMC 1,5/ 3-STF-3,5	1772715	50	20.52
4	TFMC 1,5/ 4-STF-3,5	1772728	50	24.02
5	TFMC 1,5/ 5-STF-3,5	1772731	50	27.52
6	TFMC 1,5/ 6-STF-3,5	1772744	50	31.02
7	TFMC 1,5/ 7-STF-3,5	1772757	50	34.52
8	TFMC 1,5/ 8-STF-3,5	1772760	50	38.02
9	TFMC 1,5/ 9-STF-3,5	1772773	50	41.52
10	TFMC 1,5/10-STF-3,5	1772786	50	45.02

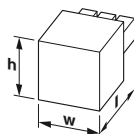


Technical data

Connection system / type of contact		MINI COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.75		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		24 - 16		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	50 / 8	-
AWG		24-16	24-16	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 3.5 mm

IFMC 1,5/...-ST



Dimensions	[mm]
Length l	24.6
Height h	7.8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	IFMC 1,5/ 2-ST-3,5	1843980	50	7.7
3	IFMC 1,5/ 3-ST-3,5	1843993	50	11.2
4	IFMC 1,5/ 4-ST-3,5	1844002	50	14.7
5	IFMC 1,5/ 5-ST-3,5	1844015	50	18.2
6	IFMC 1,5/ 6-ST-3,5	1844028	50	21.7
7	IFMC 1,5/ 7-ST-3,5	1844031	50	25.2
8	IFMC 1,5/ 8-ST-3,5	1844057	50	28.7
9	IFMC 1,5/ 9-ST-3,5	1844060	50	32.2
10	IFMC 1,5/10-ST-3,5	1844073	50	35.7
11	IFMC 1,5/11-ST-3,5	1844086	50	39.2
12	IFMC 1,5/12-ST-3,5	1844099	50	42.7



Technical data

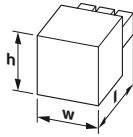
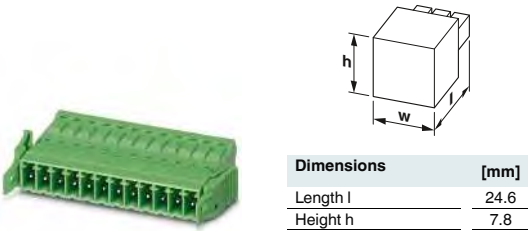
Connection system / type of contact		MINI COMBICON / Male connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.14 - 0.75		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		24 - 16		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	150 / 8	50 / 8	-
AWG		24-16	24-16	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 1.5 mm² (AWG 16)

PCB plug, Push-in spring connection, Pitch: 3.5 mm

IFMC 1,5/...-ST-RF



Dimensions	[mm]
Length l	24.6
Height h	7.8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	IFMC 1,5/ 2-ST-3,5-RF	1844219	50	17.1
3	IFMC 1,5/ 3-ST-3,5-RF	1844222	50	20.6
4	IFMC 1,5/ 4-ST-3,5-RF	1844235	50	24.1
5	IFMC 1,5/ 5-ST-3,5-RF	1844248	50	27.6
6	IFMC 1,5/ 6-ST-3,5-RF	1844251	50	31.1
7	IFMC 1,5/ 7-ST-3,5-RF	1844264	50	34.6
8	IFMC 1,5/ 8-ST-3,5-RF	1844277	50	38.1
9	IFMC 1,5/ 9-ST-3,5-RF	1844280	50	41.6
10	IFMC 1,5/10-ST-3,5-RF	1844293	50	45.1
11	IFMC 1,5/11-ST-3,5-RF	1844303	50	48.6
12	IFMC 1,5/12-ST-3,5-RF	1844316	50	52.1

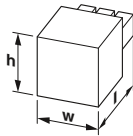
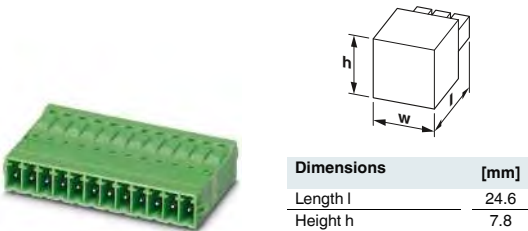


Technical data

Connection system / type of contact		MINI COMBICON / Male connector		
Locking		Self-locking flange		
Connection capacity				
Solid / stranded	[mm²]	0.14 - 1.5 / 0.14 - 1.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.14 - 0.75		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-		
Conductor cross section AWG/kcmil		24 - 16		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	8 / 1.5		
Surge voltage category/degree of pollution		III/3	III/2	II/2
Rated insulation voltage	[V]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	150 / 8	50 / 8	-
AWG		24-16	24-16	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 3.5 mm

IFMC 1,5/...-ST-RN



Dimensions	[mm]
Length l	24.6
Height h	7.8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	IFMC 1,5/ 2-ST-3,5-RN	1844109	50	10.6
3	IFMC 1,5/ 3-ST-3,5-RN	1844112	50	14.1
4	IFMC 1,5/ 4-ST-3,5-RN	1844125	50	17.6
5	IFMC 1,5/ 5-ST-3,5-RN	1844138	50	21.1
6	IFMC 1,5/ 6-ST-3,5-RN	1844141	50	24.6
7	IFMC 1,5/ 7-ST-3,5-RN	1844154	50	28.1
8	IFMC 1,5/ 8-ST-3,5-RN	1844167	50	31.6
9	IFMC 1,5/ 9-ST-3,5-RN	1844170	50	35.1
10	IFMC 1,5/10-ST-3,5-RN	1844183	50	38.6
11	IFMC 1,5/11-ST-3,5-RN	1844196	50	42.1
12	IFMC 1,5/12-ST-3,5-RN	1844206	50	45.6

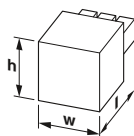


Technical data

Connection system / type of contact		MINI COMBICON / Male connector		
Locking		Engagement nose		
Connection capacity				
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.14 - 0.75		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		24 - 16		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	150 / 8	50 / 8	-
AWG		24-16	24-16	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Displacement connection, Pitch: 3.81 mm

QC 0,5/...-ST



Dimensions	[mm]
Length l	22.3
Height h	12.4



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	QC 0,5/ 2-ST-3,81	1897393	50	4.6
3	QC 0,5/ 3-ST-3,81	1897403	50	12.22
4	QC 0,5/ 4-ST-3,81	1897416	50	16.03
5	QC 0,5/ 5-ST-3,81	1897429	50	19.84
6	QC 0,5/ 6-ST-3,81	1897432	50	23.65
7	QC 0,5/ 7-ST-3,81	1897445	50	27.46
8	QC 0,5/ 8-ST-3,81	1897458	50	31.27
9	QC 0,5/ 9-ST-3,81	1897461	50	35.08
10	QC 0,5/10-ST-3,81	1897474	50	38.89
11	QC 0,5/11-ST-3,81	1897487	50	42.7
12	QC 0,5/12-ST-3,81	1897490	50	46.51
13	QC 0,5/13-ST-3,81	1897500	50	50.32
14	QC 0,5/14-ST-3,81	1897513	50	54.13
15	QC 0,5/15-ST-3,81	1897526	50	57.94
16	QC 0,5/16-ST-3,81	1897539	50	61.75

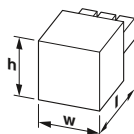


Technical data

Connection system / type of contact		MINI COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	- / 0.34 - 0.5		
Stranded with ferrules without plastic sleeve	[mm ²]	-		
Stranded with ferrules with plastic sleeve	[mm ²]	-		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		22 - 20		
Stripping length	[mm]	-		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	6 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	200	200	400
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 6	300 / 6	-
AWG		24-20	24-20	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Displacement connection, Pitch: 3.81 mm

QC 0,5/...-STF



Dimensions	[mm]
Length l	26.8
Height h	12.9



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	QC 0,5/ 2-STF-3,81	1897542	50	17.73
3	QC 0,5/ 3-STF-3,81	1897555	50	21.54
4	QC 0,5/ 4-STF-3,81	1897568	50	25.35
5	QC 0,5/ 5-STF-3,81	1897571	50	29.16
6	QC 0,5/ 6-STF-3,81	1897584	50	32.97
7	QC 0,5/ 7-STF-3,81	1897597	50	36.78
8	QC 0,5/ 8-STF-3,81	1897607	50	40.59
9	QC 0,5/ 9-STF-3,81	1897610	50	44.4
10	QC 0,5/10-STF-3,81	1897623	50	48.21
11	QC 0,5/11-STF-3,81	1897636	50	52.02
12	QC 0,5/12-STF-3,81	1897649	50	55.83
13	QC 0,5/13-STF-3,81	1897652	50	59.64
14	QC 0,5/14-STF-3,81	1897665	50	63.45
15	QC 0,5/15-STF-3,81	1897678	50	67.26
16	QC 0,5/16-STF-3,81	1897681	50	71.07



Technical data

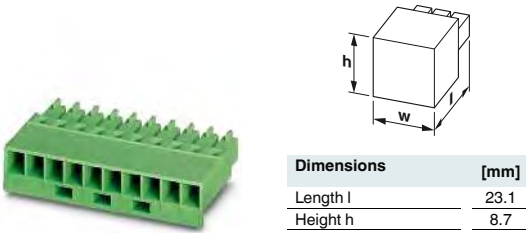
Connection system / type of contact		MINI COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	- / 0.34 - 0.5		
Stranded with ferrules without plastic sleeve	[mm ²]	-		
Stranded with ferrules with plastic sleeve	[mm ²]	-		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		22 - 20		
Stripping length	[mm]	-		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	6 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	200	200	400
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 6	300 / 6	-
AWG		24-20	24-20	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 1.5 mm² (AWG 16)

PCB plug, Crimp connection, Pitch: 3.81 mm

MCC 1/...-STZ



Dimensions	[mm]
Length l	23.1
Height h	8.7



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MCC 1/ 2-STZ-3,81	1852176	50	8.41
3	MCC 1/ 3-STZ-3,81	1852189	50	12.22
4	MCC 1/ 4-STZ-3,81	1852192	50	16.03
5	MCC 1/ 5-STZ-3,81	1852202	50	19.84
6	MCC 1/ 6-STZ-3,81	1852215	50	23.65
7	MCC 1/ 7-STZ-3,81	1852228	50	27.46
8	MCC 1/ 8-STZ-3,81	1852231	50	31.27
9	MCC 1/ 9-STZ-3,81	1852244	50	35.08
10	MCC 1/10-STZ-3,81	1852257	50	38.89
11	MCC 1/11-STZ-3,81	1852260	50	42.7
12	MCC 1/12-STZ-3,81	1852273	50	46.51
13	MCC 1/13-STZ-3,81	1852286	50	50.32
14	MCC 1/14-STZ-3,81	1852299	50	54.13
15	MCC 1/15-STZ-3,81	1852309	50	57.94
16	MCC 1/16-STZ-3,81	1852312	50	61.75
17	MCC 1/17-STZ-3,81	1852325	50	65.56
18	MCC 1/18-STZ-3,81	1852338	50	69.37
19	MCC 1/19-STZ-3,81	1852341	50	73.18
20	MCC 1/20-STZ-3,81	1852354	50	76.99

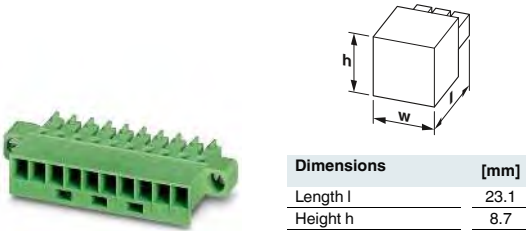


Technical data

Connection system / type of contact		MINI COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	- / 0.2 - 1		
Stranded with ferrules without plastic sleeve	[mm ²]	-		
Stranded with ferrules with plastic sleeve	[mm ²]	-		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		24 - 18		
Stripping length	[mm]	-		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / -		
Surge voltage category/degree of pollution		III / 3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 5	-	300 / 5
AWG		24-22	-	24-22
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Crimp connection, Pitch: 3.81 mm

MCC 1/...-STZF



Dimensions	[mm]
Length l	23.1
Height h	8.7



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MCC 1/ 2-STZF-3,81	1852367	50	18.01
3	MCC 1/ 3-STZF-3,81	1852370	50	21.82
4	MCC 1/ 4-STZF-3,81	1852383	50	25.63
5	MCC 1/ 5-STZF-3,81	1852396	50	29.44
6	MCC 1/ 6-STZF-3,81	1852406	50	33.25
7	MCC 1/ 7-STZF-3,81	1852419	50	37.06
8	MCC 1/ 8-STZF-3,81	1852422	50	40.87
9	MCC 1/ 9-STZF-3,81	1852435	50	44.68
10	MCC 1/10-STZF-3,81	1852448	50	48.49
11	MCC 1/11-STZF-3,81	1852451	50	52.3
12	MCC 1/12-STZF-3,81	1852464	50	56.11
13	MCC 1/13-STZF-3,81	1852477	50	59.92
14	MCC 1/14-STZF-3,81	1852480	50	63.73
15	MCC 1/15-STZF-3,81	1852493	50	67.54
16	MCC 1/16-STZF-3,81	1852503	50	71.35
17	MCC 1/17-STZF-3,81	1852516	50	75.16
18	MCC 1/18-STZF-3,81	1852529	50	78.97
19	MCC 1/19-STZF-3,81	1852532	50	82.78

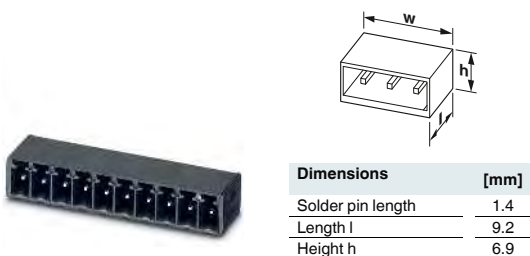


Technical data

Connection system / type of contact		MINI COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	- / 0.2 - 1		
Stranded with ferrules without plastic sleeve	[mm ²]	-		
Stranded with ferrules with plastic sleeve	[mm ²]	-		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		24 - 18		
Stripping length	[mm]	-		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / -		
Surge voltage category/degree of pollution		III / 3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 5	-	300 / 5
AWG		24-22	-	24-22
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB headers, Pitch: 3.5 mm

MC 1,5/...-G-THR, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MC 1,5/ 2-G-3,5 P14 THRR32	1788958	470	8.39
3	MC 1,5/ 3-G-3,5 P14 THRR32	1788974	470	11.89
4	MC 1,5/ 4-G-3,5 P14 THRR32	1788990	470	15.39
5	MC 1,5/ 5-G-3,5 P14 THRR44	1011116	330	18.89
6	MC 1,5/ 6-G-3,5 P14 THRR44	1011117	330	22.39
7	MC 1,5/ 7-G-3,5 P14 THRR44	1011118	330	25.89
5	MC 1,5/ 8-G-3,5 P14 THRR44	1011119	330	29.39
9	MC 1,5/ 9-G-3,5 P14 THRR56	1789096	470	32.89
10	MC 1,5/10-G-3,5 P14 THRR56	1789119	470	36.39
11	MC 1,5/11-G-3,5 P14 THRR56	1789135	470	39.89
12	MC 1,5/12-G-3,5 P14 THRR72	1789151	380	43.39

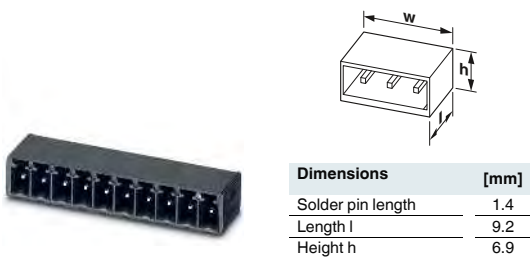


Technical data

Connection system / type of contact	MINI COMBICON / Male connector		
Locking	without		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	8 / -	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	160	160 250
Rated surge voltage	[kV]	2.5	2.5 2.5
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 8	- 300 / 8
AWG		-	- -
General data			
Type of insulation material / insulation material group	LCP / IIIa		
Inflammability class in acc. with UL 94	V0		

PCB headers, Pitch: 3.81 mm

MC 1,5/...-G-THR, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MC 1,5/ 2-G-3,81 P14 THRR32	1722095	470	9.01
2	MC 1,5/ 2-G-3,81 P14 THRR32	1722095	470	9.01
3	MC 1,5/ 3-G-3,81 P14 THRR32	1722105	470	12.82
4	MC 1,5/ 4-G-3,81 P14 THRR32	1722118	470	16.63
5	MC 1,5/ 5-G-3,81 P14 THRR56	1702662	470	20.44
6	MC 1,5/ 6-G-3,81 P14 THRR56	1702663	470	24.25
7	MC 1,5/ 7-G-3,81 P14 THRR56	1702664	470	28.06
8	MC 1,5/ 8-G-3,81 P14 THRR56	1702665	470	31.87
9	MC 1,5/ 9-G-3,81 P14 THRR56	1702666	470	35.68
10	MC 1,5/10-G-3,81 P14 THRR56	1702667	470	39.49
11	MC 1,5/11-G-3,81 P14 THRR56	1702668	470	43.3
12	MC 1,5/12-G-3,81 P14 THRR72	1702669	380	47.11



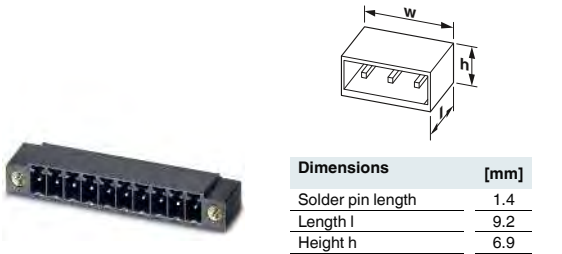
Technical data

Connection system / type of contact	MINI COMBICON / Male connector		
Locking	without		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	8 / -	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	160	160 160
Rated surge voltage	[kV]	2.5	2.5 2.5
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 8	- 300 / 8
AWG		-	- -
General data			
Type of insulation material / insulation material group	LCP / IIIa		
Inflammability class in acc. with UL 94	V0		

PCB connectors
Conductor cross section up to 1.5 mm² (AWG 16)

PCB headers, Pitch: 3.5 mm

MC 1,5/...-GF-THR, Linear pinning



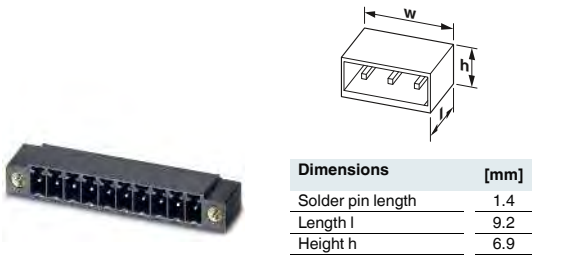
Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-12 showing various MC 1,5/...-GF-THR models.



Technical data table for MC 1,5/...-GF-THR. Includes Connection system, Locking, Electrical parameters (Rated current, Surge voltage, etc.), Approval data, and General data.

PCB headers, Pitch: 3.81 mm

MC 1,5/...-GF-THR, Linear pinning



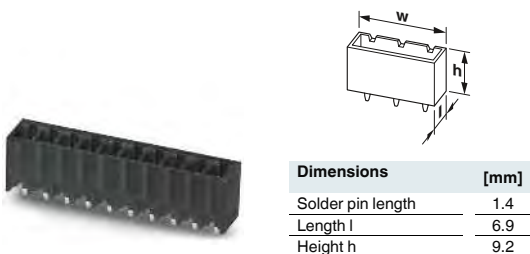
Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-12 showing various MC 1,5/...-GF-THR models.



Technical data table for MC 1,5/...-GF-THR. Includes Connection system, Locking, Electrical parameters (Rated current, Surge voltage, etc.), Approval data, and General data.

PCB headers, Pitch: 3.5 mm

MCV 1,5/...-G-THR, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MCV 1,5/ 2-G-3,5 P14 THRR32	1780202	200	8.4
3	MCV 1,5/ 3-G-3,5 P14 THRR32	1780228	200	11.9
4	MCV 1,5/ 4-G-3,5 P14 THRR32	1780244	200	15.4
5	MCV 1,5/ 5-G-3,5 P14 THRR56	1780260	200	18.9
6	MCV 1,5/ 6-G-3,5 P14 THRR56	1780286	200	22.4
7	MCV 1,5/ 7-G-3,5 P14 THRR56	1780309	200	25.9
8	MCV 1,5/ 8-G-3,5 P14 THRR56	1780325	200	29.4
9	MCV 1,5/ 9-G-3,5 P14 THRR56	1780341	200	32.9
10	MCV 1,5/10-G-3,5 P14 THRR56	1780367	200	36.4
11	MCV 1,5/11-G-3,5 P14 THRR56	1780383	200	39.9
12	MCV 1,5/12-G-3,5 P14 THRR72	1780406	180	43.4

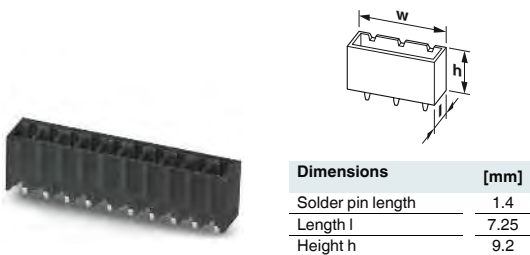


Technical data

Connection system / type of contact	MINI COMBICON / Male connector		
Locking	without		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	8 / -	
Surge voltage category/degree of pollution		III / 3	III / 2
Rated insulation voltage	[V]	160	160
Rated surge voltage	[kV]	2.5	2.5
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 8	300 / 8
AWG		-	-
General data			
Type of insulation material / insulation material group	LCP / IIIa		
Inflammability class in acc. with UL 94	V0		

PCB headers, Pitch: 3.81 mm

MCV 1,5/...-G-THR, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MCV 1,5/ 2-G-3,81 P14 THR R32	1755473	200	9.01
2	MCV 1,5/ 2-G-3,81 P14 THR R32	1755473	200	9.01
3	MCV 1,5/ 3-G-3,81 P14 THR R32	1728374	200	12.82
4	MCV 1,5/ 4-G-3,81 P14 THR R32	1728387	200	16.63
5	MCV 1,5/ 5-G-3,81 P14 THRR56	1037540	200	20.44
6	MCV 1,5/ 6-G-3,81 P14 THRR56	1037541	200	24.25
7	MCV 1,5/ 7-G-3,81 P14 THRR56	1037542	200	28.06
8	MCV 1,5/ 8-G-3,81 P14 THRR56	1754526	200	31.87
10	MCV 1,5/10-G-3,81 P14 THRR56	1754539	200	39.49



Technical data

Connection system / type of contact	MINI COMBICON / Male connector		
Locking	without		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	8 / -	
Surge voltage category/degree of pollution		III / 3	III / 2
Rated insulation voltage	[V]	160	160
Rated surge voltage	[kV]	2.5	2.5
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 8	300 / 8
AWG		-	-
General data			
Type of insulation material / insulation material group	LCP / IIIa		
Inflammability class in acc. with UL 94	V0		

PCB connectors
Conductor cross section up to 1.5 mm² (AWG 16)

PCB headers, Pitch: 3.5 mm

MCV 1,5/-GF-THR, Linear pinning

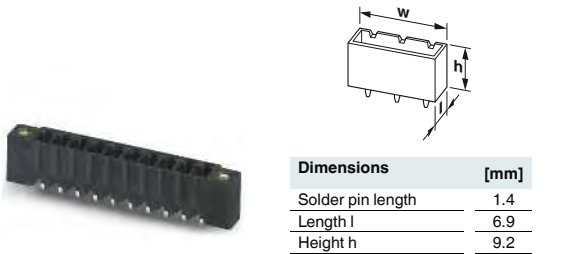


Table with 2 columns: Dimensions, [mm]. Rows: Solder pin length (1.4), Length l (6.9), Height h (9.2).



Ordering data table with 5 columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-12.



Technical data table for MCV 1,5/-GF-THR. Includes connection system, electrical parameters, and general data.

PCB headers, Pitch: 3.5 mm

MC 1,5/-G-THR, Linear pinning

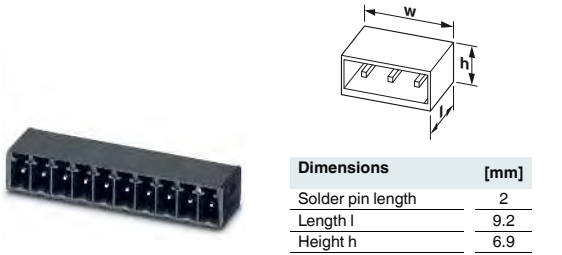


Table with 2 columns: Dimensions, [mm]. Rows: Solder pin length (2), Length l (9.2), Height h (6.9).



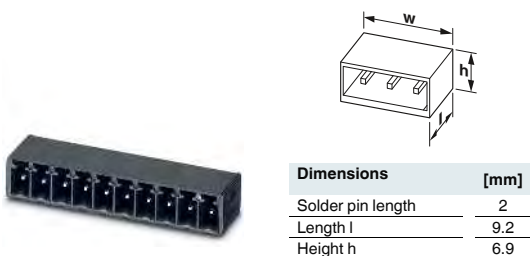
Ordering data table with 5 columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-12.



Technical data table for MC 1,5/-G-THR. Includes connection system, electrical parameters, and general data.

PCB headers, Pitch: 3.81 mm

MC 1,5/...-G-THR, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MC 1,5/ 2-G-3,81 P20 THRR32	1782572	470	9.01
3	MC 1,5/ 3-G-3,81 P20 THRR32	1782585	470	12.82
4	MC 1,5/ 4-G-3,81 P20 THRR32	1782598	470	16.63
5	MC 1,5/ 5-G-3,81 P20 THRR44	1011099	330	20.44
6	MC 1,5/ 6-G-3,81 P20 THRR44	1011101	330	24.25
7	MC 1,5/ 7-G-3,81 P20 THRR44	1011103	330	28.06
8	MC 1,5/ 8-G-3,81 P20 THRR56	1782637	470	31.87
9	MC 1,5/ 9-G-3,81 P20 THRR56	1782640	470	35.68
10	MC 1,5/10-G-3,81 P20 THRR56	1782653	470	39.49
11	MC 1,5/11-G-3,81 P20 THRR56	1782666	470	43.3
12	MC 1,5/12-G-3,81 P20 THRR72	1782679	380	47.11

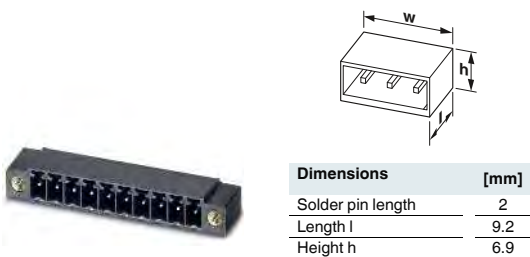


Technical data

Connection system / type of contact		MINI COMBICON / Male connector			
Locking		without			
Electrical parameters					
Rated current / conductor cross section		[A] / [mm²]	8 / -		
Surge voltage category/degree of pollution			III/3	III / 2	II / 2
Rated insulation voltage		[V]	160	160	250
Rated surge voltage		[kV]	2.5	2.5	2.5
Approval data (UL/CUL)					
Use Group			B	C	D
Nominal voltage/current		[V] / [A]	300 / 8	-	300 / 8
AWG			-	-	-
General data					
Type of insulation material / insulation material group			LCP / IIIa		
Inflammability class in acc. with UL 94			V0		

PCB headers, Pitch: 3.5 mm

MC 1,5/...-GF-THR, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MC 1,5/ 2-GF-3,5 P20 THRR32	1789397	470	17.3
3	MC 1,5/ 3-GF-3,5 P20 THRR44	1011124	330	20.8
4	MC 1,5/ 4-GF-3,5 P20 THRR44	1011125	330	24.3
5	MC 1,5/ 5-GF-3,5 P20 THRR44	1011126	330	27.8
6	MC 1,5/ 6-GF-3,5 P20 THRR44	1011127	330	31.3
7	MC 1,5/ 7-GF-3,5 P20 THRR56	1789494	470	34.8
8	MC 1,5/ 8-GF-3,5 P20 THRR56	1789517	470	38.8
9	MC 1,5/ 9-GF-3,5 P20 THRR72	1789533	380	41.8
10	MC 1,5/10-GF-3,5 P20 THRR72	1789559	380	45.3
11	MC 1,5/11-GF-3,5 P20 THRR72	1789575	380	48.8
12	MC 1,5/12-GF-3,5 P20 THRR72	1789591	380	52.3



Technical data

Connection system / type of contact		MINI COMBICON / Male connector			
Locking		Threaded flange			
Electrical parameters					
Rated current / conductor cross section		[A] / [mm²]	8 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2	
Rated insulation voltage		[V]	160	160	250
Rated surge voltage		[kV]	2.5	2.5	2.5
Approval data (UL/CUL)					
Use Group		B	C	D	
Nominal voltage/current		[V] / [A]	300 / 8	300 / 8	
AWG			-	-	
General data					
Type of insulation material / insulation material group		LCP / IIIa			
Inflammability class in acc. with UL 94		V0			

PCB connectors
Conductor cross section up to 1.5 mm² (AWG 16)

PCB headers, Pitch: 3.81 mm

MC 1,5/...-GF-THR, Linear pinning

Diagram of MC 1,5/...-GF-THR connector showing dimensions w, h, and l.
Image of the connector.
Dimensions table: Solder pin length 2, Length l 9.2, Height h 6.9.
Logos: UL, ENEC, VDE, CB.

Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-12.

Icons: 32 mm, THR, 160 V IEC, 8 A IEC, 3,81 mm, 1,5mm².

Technical data table for MC 1,5/...-GF-THR. Includes Connection system, Locking, Electrical parameters, Approval data, and General data.

PCB headers, Pitch: 3.5 mm

MCV 1,5/...-G-THR, Linear pinning

Diagram of MCV 1,5/...-G-THR connector showing dimensions w, h, and l.
Image of the connector.
Dimensions table: Solder pin length 2, Length l 6.9, Height h 9.2.
Logos: UL, ENEC, VDE, CB.

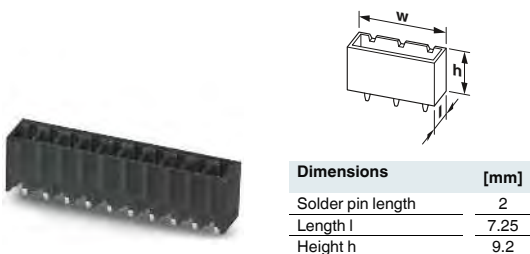
Ordering data table for MCV 1,5/...-G-THR. Columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-12.

Icons: 32 mm, THR, 160 V IEC, 8 A IEC, 3,5 mm, 1,5mm².

Technical data table for MCV 1,5/...-G-THR. Includes Connection system, Locking, Electrical parameters, Approval data, and General data.

PCB headers, Pitch: 3.81 mm

MCV 1,5/...-G-THR, Linear pinning



Dimensions	[mm]
Solder pin length	2
Length l	7.25
Height h	9.2



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MCV 1,5/ 2-G-3,81 P20 THRR32	1825665	200	9.01
3	MCV 1,5/ 3-G-3,81 P20 THRR32	1825678	200	12.82
4	MCV 1,5/ 4-G-3,81 P20 THRR32	1825681	200	16.61
5	MCV 1,5/ 5-G-3,81 P20 THRR56	1825694	200	20.44
6	MCV 1,5/ 6-G-3,81 P20 THRR56	1825704	200	24.25
7	MCV 1,5/ 7-G-3,81 P20 THRR56	1825717	200	28.06
8	MCV 1,5/ 8-G-3,81 P20 THRR56	1825720	200	31.87
9	MCV 1,5/ 9-G-3,81 P20 THRR56	1825733	200	35.68
10	MCV 1,5/10-G-3,81 P20 THRR56	1825746	200	39.49
11	MCV 1,5/11-G-3,81 P20 THRR72	1825759	200	43.3
12	MCV 1,5/12-G-3,81 P20 THRR72	1825762	180	47.11

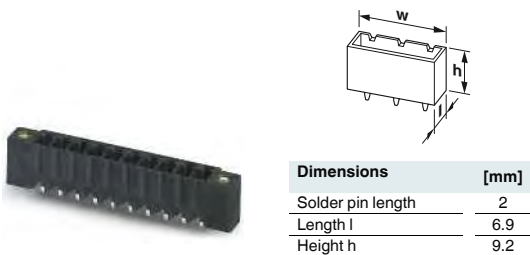


Technical data

Connection system / type of contact	MINI COMBICON / Male connector		
Locking	without		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	8 / -	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	160	160 250
Rated surge voltage	[kV]	2.5	2.5 2.5
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 8	- 300 / 8
AWG		-	- -
General data			
Type of insulation material / insulation material group		LCP / IIIa	
Inflammability class in acc. with UL 94		V0	

PCB headers, Pitch: 3.5 mm

MCV 1,5/...-GF-THR, Linear pinning



Dimensions	[mm]
Solder pin length	2
Length l	6.9
Height h	9.2



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MCV 1,5/ 2-GF-3,5 P20 THRR32	1780668	200	17.3
3	MCV 1,5/ 3-GF-3,5 P20 THRR56	1780684	200	20.8
4	MCV 1,5/ 4-GF-3,5 P20 THRR56	1780707	200	24.3
5	MCV 1,5/ 5-GF-3,5 P20 THRR56	1780723	200	27.8
6	MCV 1,5/ 6-GF-3,5 P20 THRR56	1780749	200	31.3
7	MCV 1,5/ 7-GF-3,5 P20 THRR56	1780765	200	34.8
8	MCV 1,5/ 8-GF-3,5 P20 THRR56	1780781	200	38.3
9	MCV 1,5/ 9-GF-3,5 P20 THRR56	1780804	200	41.8
10	MCV 1,5/10-GF-3,5 P20 THRR72	1780820	180	45.3
11	MCV 1,5/11-GF-3,5 P20 THRR72	1780846	180	48.8
12	MCV 1,5/12-GF-3,5 P20 THRR72	1780862	180	52.3



Technical data

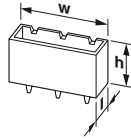
Connection system / type of contact	MINI COMBICON / Male connector		
Locking	Threaded flange		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	8 / -	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	160	160 250
Rated surge voltage	[kV]	2.5	2.5 2.5
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 8	- 300 / 8
AWG		-	- -
General data			
Type of insulation material / insulation material group		LCP / IIIa	
Inflammability class in acc. with UL 94		V0	

PCB connectors

Conductor cross section up to 1.5 mm² (AWG 16)

PCB headers, Pitch: 3.81 mm

MCV 1,5/-GF-THR, Linear pinning



Dimensions	[mm]
Solder pin length	2
Length l	7.25
Height h	9.2

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MCV 1,5/ 2-GF-3,81 P20 THRR32	1825775	200	18.01
3	MCV 1,5/ 3-GF-3,81 P20 THRR56	1825788	200	21.82
4	MCV 1,5/ 4-GF-3,81 P20 THRR56	1825791	200	25.63
5	MCV 1,5/ 5-GF-3,81 P20 THRR56	1825801	200	29.44
6	MCV 1,5/ 6-GF-3,81 P20 THRR56	1825814	200	33.25
7	MCV 1,5/ 7-GF-3,81 P20 THRR56	1825827	200	37.06
8	MCV 1,5/ 8-GF-3,81 P20 THRR56	1825830	200	40.87
9	MCV 1,5/ 9-GF-3,81 P20 THRR72	1825843	200	44.68
10	MCV 1,5/10-GF-3,81 P20 THRR72	1825856	180	48.49
11	MCV 1,5/11-GF-3,81 P20 THRR72	1825869	180	52.3
12	MCV 1,5/12-GF-3,81 P20 THRR72	1825872	180	56.11

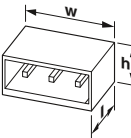


Technical data

Connection system / type of contact		MINI COMBICON / Male connector		
Locking		Threaded flange		
Electrical parameters				
Rated current / conductor cross section		[A] / [mm²]	8 / -	
Surge voltage category/degree of pollution			III / 3	III / 2
Rated insulation voltage		[V]	160	160
Rated surge voltage		[kV]	2.5	2.5
Approval data (UL/CUL)				
Use Group			B	C
Nominal voltage/current		[V] / [A]	300 / 8	300 / 8
AWG			-	-
General data				
Type of insulation material / insulation material group			- / IIIa	
Inflammability class in acc. with UL 94			V0	

PCB headers, Pitch: 3.5 mm

MC 1,5/-G-THR, Linear pinning



Dimensions	[mm]
Solder pin length	2.6
Length l	9.2
Height h	6.9

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MC 1,5/ 2-G-3,5 P26 THRR32	1788518	470	8.39
3	MC 1,5/ 3-G-3,5 P26 THRR32	1788534	470	11.89
4	MC 1,5/ 4-G-3,5 P26 THRR32	1788550	470	15.39
5	MC 1,5/ 5-G-3,5 P26 THRR44	1011106	330	18.89
6	MC 1,5/ 6-G-3,5 P26 THRR44	1011107	330	22.39
7	MC 1,5/ 7-G-3,5 P26 THRR56	1788615	470	25.89
8	MC 1,5/ 8-G-3,5 P26 THRR44	1011108	330	29.39
9	MC 1,5/ 9-G-3,5 P26 THRR56	1788657	470	32.89
10	MC 1,5/10-G-3,5 P26 THRR56	1788673	470	36.39
11	MC 1,5/11-G-3,5 P26 THRR56	1788699	470	39.89
12	MC 1,5/12-G-3,5 P26 THRR72	1788712	380	43.39

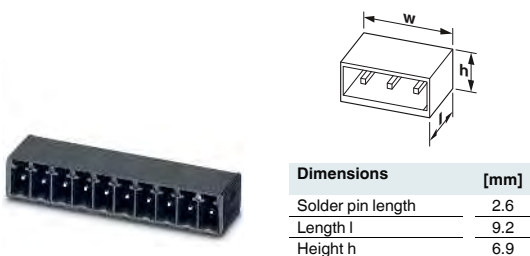


Technical data

Connection system / type of contact		MINI COMBICON / Male connector			
Locking		without			
Electrical parameters					
Rated current / conductor cross section		[A] / [mm²]	8 / -		
Surge voltage category/degree of pollution			III/3	III / 2	II / 2
Rated insulation voltage		[V]	160	160	250
Rated surge voltage		[kV]	2.5	2.5	2.5
Approval data (UL/CUL)					
Use Group			B	C	D
Nominal voltage/current		[V] / [A]	300 / 8	-	300 / 8
AWG			-	-	-
General data					
Type of insulation material / insulation material group			LCP / IIIa		
Inflammability class in acc. with UL 94			V0		

PCB headers, Pitch: 3.81 mm

MC 1,5/...-G-THR, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MC 1,5/ 2-G-3,81 P26 THRR32	1782462	470	9.01
3	MC 1,5/ 3-G-3,81 P26 THRR32	1782475	470	12.82
4	MC 1,5/ 4-G-3,81 P26 THRR32	1782488	470	16.63
5	MC 1,5/ 5-G-3,81 P26 THRR44	1011090	330	20.44
6	MC 1,5/ 6-G-3,81 P26 THRR56	1782501	470	24.25
7	MC 1,5/ 7-G-3,81 P26 THRR56	1782514	470	28.06
8	MC 1,5/ 8-G-3,81 P26 THRR56	1782527	470	31.87
9	MC 1,5/ 9-G-3,81 P26 THRR56	1782530	470	35.68
10	MC 1,5/10-G-3,81 P26 THRR56	1782543	470	39.49
11	MC 1,5/11-G-3,81 P26 THRR56	1782556	470	43.3
12	MC 1,5/12-G-3,81 P26 THRR72	1782569	380	47.11

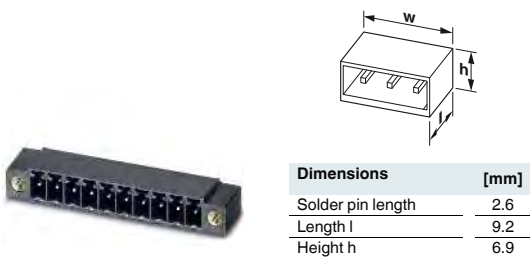


Technical data

Connection system / type of contact		MINI COMBICON / Male connector			
Locking		without			
Electrical parameters					
Rated current / conductor cross section		[A]	[mm²]	8 / -	
Surge voltage category/degree of pollution		III/3	III / 2	II / 2	
Rated insulation voltage		[V]	160	160	250
Rated surge voltage		[kV]	2.5	2.5	2.5
Approval data (UL/CUL)					
Use Group		B	C	D	
Nominal voltage/current		[V] / [A]	300 / 8	-	300 / 8
AWG			-	-	-
General data					
Type of insulation material / insulation material group		LCP / IIIa			
Inflammability class in acc. with UL 94		V0			

PCB headers, Pitch: 3.5 mm

MC 1,5/...-GF-THR, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MC 1,5/ 2-GF-3,5 P26 THRR32	1789177	470	17.3
3	MC 1,5/ 3-GF-3,5 P26 THRR44	1011120	330	20.8
4	MC 1,5/ 4-GF-3,5 P26 THRR44	1011121	330	24.3
5	MC 1,5/ 5-GF-3,5 P26 THRR44	1011122	330	27.8
6	MC 1,5/ 6-GF-3,5 P26 THRR56	1789258	470	31.3
7	MC 1,5/ 7-GF-3,5 P26 THRR56	1789274	470	34.8
8	MC 1,5/ 8-GF-3,5 P26 THRR56	1789290	470	38.3
9	MC 1,5/ 9-GF-3,5 P26 THRR72	1789313	380	41.8
10	MC 1,5/10-GF-3,5 P26 THRR72	1789339	380	45.3
11	MC 1,5/11-GF-3,5 P26 THRR72	1789355	380	48.8
12	MC 1,5/12-GF-3,5 P26 THRR72	1789371	380	52.3



Technical data

Connection system / type of contact		MINI COMBICON / Male connector			
Locking		Threaded flange			
Electrical parameters					
Rated current / conductor cross section		[A] / [mm²]	8 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2	
Rated insulation voltage		[V]	160	160	250
Rated surge voltage		[kV]	2.5	2.5	2.5
Approval data (UL/CUL)					
Use Group		B	C	D	
Nominal voltage/current		[V] / [A]	300 / 8	-	300 / 8
AWG			-	-	-
General data					
Type of insulation material / insulation material group		LCP / IIIa			
Inflammability class in acc. with UL 94		V0			

PCB connectors
Conductor cross section up to 1.5 mm² (AWG 16)

PCB headers, Pitch: 3.81 mm

MC 1,5/...-GF-THR, Linear pinning

Diagram and dimensions of MC 1,5/...-GF-THR connector. Dimensions table: Solder pin length 2.6, Length l 9.2, Height h 6.9.



Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2 to 12.

Icons for 32 mm, THR, 160 V, 8 A, 3,81 mm, 1,5mm²

Technical data table for MC 1,5/...-GF-THR. Includes connection system, electrical parameters, and general data.

PCB headers, Pitch: 3.5 mm

MCV 1,5/...-G-THR, Linear pinning

Diagram and dimensions of MCV 1,5/...-G-THR connector. Dimensions table: Solder pin length 2.6, Length l 6.9, Height h 9.2.



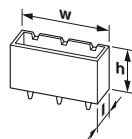
Ordering data table for MCV 1,5/...-G-THR. Columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2 to 12.

Icons for 32 mm, THR, 160 V, 8 A, 3,5 mm, 1,5mm²

Technical data table for MCV 1,5/...-G-THR. Includes connection system, electrical parameters, and general data.

PCB headers, Pitch: 3.81 mm

MCV 1,5/...-G-THR, Linear pinning



Dimensions	[mm]
Solder pin length	2.6
Length l	6.9
Height h	9.2



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MCV 1,5/ 2-G-3,81 P26 THRR32	1713554	200	8.4
3	MCV 1,5/ 3-G-3,81 P26 THRR32	1712843	200	11.9
4	MCV 1,5/ 4-G-3,81 P26 THRR32	1712872	200	15.4
5	MCV 1,5/ 5-G-3,81 P26 THRR56	1712898	200	18.9
6	MCV 1,5/ 6-G-3,81 P26 THRR56	1712911	200	22.4
7	MCV 1,5/ 7-G-3,81 P26 THRR56	1712937	200	25.9
8	MCV 1,5/ 8-G-3,81 P26 THRR56	1712940	200	29.4
9	MCV 1,5/ 9-G-3,81 P26 THRR56	1713567	200	32.9
10	MCV 1,5/10-G-3,81 P26 THRR56	1712966	200	36.4
11	MCV 1,5/11-G-3,81 P26 THRR72	1714003	180	39.9
12	MCV 1,5/12-G-3,81 P26 THRR72	1712982	200	43.4

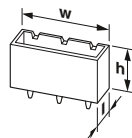


Technical data

Connection system / type of contact	MINI COMBICON / Male connector		
Locking	without		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	8 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	160	160
Rated surge voltage	[kV]	2.5	2.5
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 8	300 / 8
AWG		-	-
General data			
Type of insulation material / insulation material group		LCP / IIIa	
Inflammability class in acc. with UL 94		V0	

PCB headers, Pitch: 3.5 mm

MCV 1,5/...-GF-THR, Linear pinning



Dimensions	[mm]
Solder pin length	2.6
Length l	6.9
Height h	9.2



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MCV 1,5/ 2-GF-3,5 P26 THRR32	1779077	200	17.3
3	MCV 1,5/ 3-GF-3,5 P26 THRR56	1779093	200	20.8
4	MCV 1,5/ 4-GF-3,5 P26 THRR56	1779116	200	24.3
5	MCV 1,5/ 5-GF-3,5 P26 THRR56	1779132	200	27.8
6	MCV 1,5/ 6-GF-3,5 P26 THRR56	1779158	200	31.3
7	MCV 1,5/ 7-GF-3,5 P26 THRR56	1779174	200	34.8
8	MCV 1,5/ 8-GF-3,5 P26 THRR56	1779190	200	38.3
9	MCV 1,5/ 9-GF-3,5 P26 THRR56	1779213	200	41.8
10	MCV 1,5/10-GF-3,5 P26 THRR72	1779239	180	45.3
11	MCV 1,5/11-GF-3,5 P26 THRR72	1780121	180	48.8
12	MCV 1,5/12-GF-3,5 P26 THRR72	1780163	180	52.3



Technical data

Connection system / type of contact	MINI COMBICON / Male connector		
Locking	Threaded flange		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	8 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	160	160
Rated surge voltage	[kV]	2.5	2.5
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 8	300 / 8
AWG		-	-
General data			
Type of insulation material / insulation material group		LCP / IIIa	
Inflammability class in acc. with UL 94		V0	

PCB connectors
Conductor cross section up to 1.5 mm² (AWG 16)

PCB headers, Pitch: 3.81 mm

MCV 1,5/-GF-THR, Linear pinning

Diagram and dimensions of the MCV 1,5/-GF-THR connector. Dimensions table: Solder pin length 2.6, Length l 7.25, Height h 9.2.



Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-12 showing various configurations and their order numbers.

Technical specifications icons: 32 mm, THR, 160 V IEC, 8 A IEC, 3.81 mm, 1.5mm²

Technical data table for MCV 1,5/-GF-THR. Includes connection system (MINI COMBICON / Male connector), electrical parameters (Rated current 8 A, Rated insulation voltage 160 V), and general data (Type of insulation material LCP / IIIa).

PCB headers, Pitch: 3.5 mm

MC 1,5/-G-THR, Linear pinning

Diagram and dimensions of the MC 1,5/-G-THR connector. Dimensions table: Solder pin length 1.4, Length l 9.2, Height h 6.9.



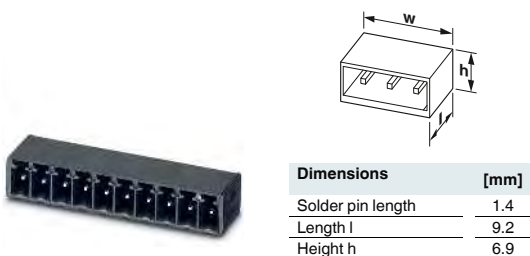
Ordering data table for MC 1,5/-G-THR. Columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-12 showing configurations and order numbers.

Technical specifications icons: THR, 160 V IEC, 8 A IEC, 3.5 mm, 1.5mm²

Technical data table for MC 1,5/-G-THR. Includes connection system (MINI COMBICON / Male connector), electrical parameters (Rated current 8 A, Rated insulation voltage 160 V), and general data (Type of insulation material LCP / IIIa).

PCB headers, Pitch: 3.81 mm

MC 1,5/...-G-THR, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MC 1,5/ 2-G-3,81 P14 THR	1782352	100	9.01
3	MC 1,5/ 3-G-3,81 P14 THR	1782365	100	12.82
4	MC 1,5/ 4-G-3,81 P14 THR	1782378	100	16.63
5	MC 1,5/ 5-G-3,81 P14 THR	1782381	50	20.44
6	MC 1,5/ 6-G-3,81 P14 THR	1782394	50	24.25
7	MC 1,5/ 7-G-3,81 P14 THR	1782404	50	28.06
8	MC 1,5/ 8-G-3,81 P14 THR	1782417	50	31.87
9	MC 1,5/ 9-G-3,81 P14 THR	1782420	50	35.68
10	MC 1,5/10-G-3,81 P14 THR	1782433	50	39.49
11	MC 1,5/11-G-3,81 P14 THR	1782446	50	43.3
12	MC 1,5/12-G-3,81 P14 THR	1782459	50	47.11

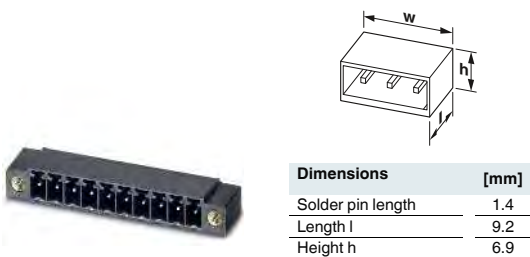


Technical data

Connection system / type of contact	MINI COMBICON / Male connector		
Locking	without		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	8 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	160	160
Rated surge voltage	[kV]	2.5	2.5
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 8	300 / 8
AWG		-	-
General data			
Type of insulation material / insulation material group	LCP / IIIa		
Inflammability class in acc. with UL 94	V0		

PCB headers, Pitch: 3.5 mm

MC 1,5/...-GF-THR, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MC 1,5/ 2-GF-3,5 P14 THR	1789601	50	17.3
3	MC 1,5/ 3-GF-3,5 P14 THR	1789627	50	20.8
4	MC 1,5/ 4-GF-3,5 P14 THR	1789643	50	24.3
5	MC 1,5/ 5-GF-3,5 P14 THR	1789669	50	27.8
6	MC 1,5/ 6-GF-3,5 P14 THR	1789685	50	31.3
7	MC 1,5/ 7-GF-3,5 P14 THR	1789708	50	34.8
8	MC 1,5/ 8-GF-3,5 P14 THR	1789724	50	38.3
9	MC 1,5/ 9-GF-3,5 P14 THR	1789740	50	41.8
10	MC 1,5/10-GF-3,5 P14 THR	1789766	50	45.3
11	MC 1,5/11-GF-3,5 P14 THR	1789782	50	48.8
12	MC 1,5/12-GF-3,5 P14 THR	1789805	50	52.3



Technical data

Connection system / type of contact	MINI COMBICON / Male connector		
Locking	Threaded flange		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	8 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	160	160
Rated surge voltage	[kV]	2.5	2.5
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 8	300 / 8
AWG		-	-
General data			
Type of insulation material / insulation material group	LCP / IIIa		
Inflammability class in acc. with UL 94	V0		

PCB connectors
Conductor cross section up to 1.5 mm² (AWG 16)

PCB headers, Pitch: 3.81 mm

MC 1,5/...-GF-THR, Linear pinning

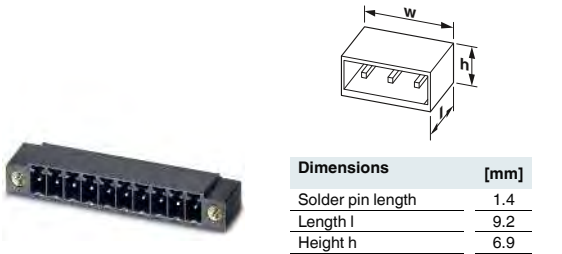


Table with 2 columns: Dimensions, [mm]. Rows: Solder pin length (1.4), Length l (9.2), Height h (6.9).



Ordering data table with 5 columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-12 listing various MC header types and their specifications.



Technical data table for MC connector. Includes connection system (MINI COMBICON / Male connector), locking (Threaded flange), electrical parameters (rated current 8A, surge voltage 250V), and general data (insulation material LCP / IIIa, inflammability class V0).

PCB headers, Pitch: 3.5 mm

MCV 1,5/...-G-THR, Linear pinning

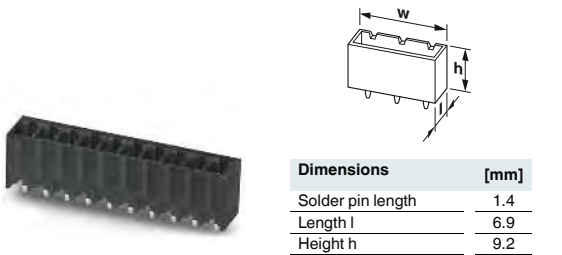


Table with 2 columns: Dimensions, [mm]. Rows: Solder pin length (1.4), Length l (6.9), Height h (9.2).



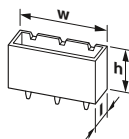
Ordering data table with 5 columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-12 listing various MCV header types and their specifications.



Technical data table for MCV connector. Includes connection system (MINI COMBICON / Male connector), locking (without), electrical parameters (rated current 8A, surge voltage 250V), and general data (insulation material LCP / IIIa, inflammability class V0).

PCB headers, Pitch: 3.81 mm

MCV 1,5/-G-THR, Linear pinning



Dimensions	[mm]
Solder pin length	1.4
Length l	7.25
Height h	9.2



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MCV 1,5/ 2-G-3,81 P14 THR	1707007	50	9.01
3	MCV 1,5/ 3-G-3,81 P14 THR	1707010	50	12.82
4	MCV 1,5/ 4-G-3,81 P14 THR	1707023	50	16.63
5	MCV 1,5/ 5-G-3,81 P14 THR	1707036	50	20.44
6	MCV 1,5/ 6-G-3,81 P14 THR	1707049	50	24.25
7	MCV 1,5/ 7-G-3,81 P14 THR	1707052	50	28.06
8	MCV 1,5/ 8-G-3,81 P14 THR	1707065	50	31.87
9	MCV 1,5/ 9-G-3,81 P14 THR	1707078	50	35.68
10	MCV 1,5/10-G-3,81 P14 THR	1707081	50	39.49
11	MCV 1,5/11-G-3,81 P14 THR	1707094	50	43.3
12	MCV 1,5/12-G-3,81 P14 THR	1707104	50	47.11

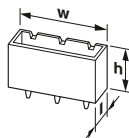


Technical data

Connection system / type of contact	MINI COMBICON / Male connector			
Locking	without			
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	8 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	250
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		-	-	-
General data				
Type of insulation material / insulation material group		LCP / IIIa		
Inflammability class in acc. with UL 94		V0		

PCB headers, Pitch: 3.5 mm

MCV 1,5/-GF-THR, Linear pinning



Dimensions	[mm]
Solder pin length	1.4
Length l	7
Height h	9.2



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MCV 1,5/ 2-GF-3,5 P14 THR	1779938	100	17.3
3	MCV 1,5/ 3-GF-3,5 P14 THR	1779954	100	20.8
4	MCV 1,5/ 4-GF-3,5 P14 THR	1779970	100	24.3
5	MCV 1,5/ 5-GF-3,5 P14 THR	1779996	50	27.8
6	MCV 1,5/ 6-GF-3,5 P14 THR	1780011	50	31.3
7	MCV 1,5/ 7-GF-3,5 P14 THR	1780037	50	34.8
8	MCV 1,5/ 8-GF-3,5 P14 THR	1780053	50	38.3
9	MCV 1,5/ 9-GF-3,5 P14 THR	1780079	50	41.8
10	MCV 1,5/10-GF-3,5 P14 THR	1780095	50	45.3
11	MCV 1,5/11-GF-3,5 P14 THR	1780134	50	48.8
12	MCV 1,5/12-GF-3,5 P14 THR	1780176	50	52.3



Technical data

Connection system / type of contact	MINI COMBICON / Male connector		
Locking	Threaded flange		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	8 / -	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	160	160 250
Rated surge voltage	[kV]	2.5	2.5 2.5
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 8	- 300 / 8
AWG		-	- -
General data			
Type of insulation material / insulation material group		LCP / IIIa	
Inflammability class in acc. with UL 94		V0	

PCB connectors
Conductor cross section up to 1.5 mm² (AWG 16)

PCB headers, Pitch: 3.81 mm

MCV 1,5/-GF-THR, Linear pinning

Diagram and image of the PCB header with dimensions w, h, and l. A table lists dimensions: Solder pin length 1.4, Length l 7.25, Height h 9.2.



Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-12 listing various MCV 1,5/-GF-THR models and their specifications.

Icons for THR, 160V IEC, 8A IEC, 3.81 mm pitch, and 1.5mm² cross-section.

Technical data table for MCV 1,5/-GF-THR. Includes connection system (MINI COMBICON / Male connector), locking (Threaded flange), electrical parameters (rated current 8A, surge voltage 250V), and general data (insulation material LCP / IIIa, UL 94 V0).

PCB headers, Pitch: 3.5 mm

MC 1,5/-G-THR, Linear pinning

Diagram and image of the PCB header with dimensions w, h, and l. A table lists dimensions: Solder pin length 2, Length l 9.2, Height h 6.9.



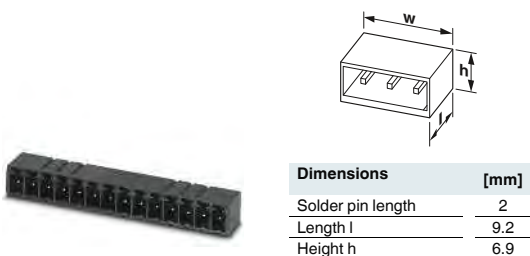
Ordering data table for MC 1,5/-G-THR. Columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-20 listing various MC 1,5/-G-THR models and their specifications.

Icons for THR, 160V IEC, 8A IEC, 3.5 mm pitch, and 1.5mm² cross-section.

Technical data table for MC 1,5/-G-THR. Includes connection system (MINI COMBICON / Male connector), locking (without), electrical parameters (rated current 8A, surge voltage 250V), and general data (insulation material LCP / IIIa, UL 94 V0).

PCB headers, Pitch: 3.81 mm

MC 1,5/...-G-THR, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
13	MC 1,5/13-G-3,81 P20 THR	1829056	50	50.92
14	MC 1,5/14-G-3,81 P20 THR	1829069	50	54.73
15	MC 1,5/15-G-3,81 P20 THR	1829072	50	58.54
16	MC 1,5/16-G-3,81 P20 THR	1829085	50	62.35
17	MC 1,5/17-G-3,81 P20 THR	1829098	50	66.16
18	MC 1,5/18-G-3,81 P20 THR	1829108	50	69.97
19	MC 1,5/19-G-3,81 P20 THR	1829111	50	73.78
20	MC 1,5/20-G-3,81 P20 THR	1829124	50	77.59

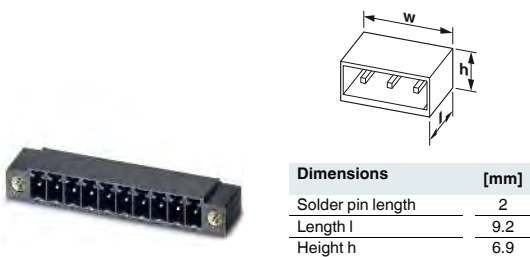


Technical data

Connection system / type of contact		MINI COMBICON / Male connector			
Locking		without			
Electrical parameters					
Rated current / conductor cross section		[A] / [mm²]	8 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2	
Rated insulation voltage		[V]	160	160	250
Rated surge voltage		[kV]	2.5	2.5	2.5
Approval data (UL/CUL)					
Use Group		B	C	D	
Nominal voltage/current		[V] / [A]	300 / 8	-	300 / 8
AWG			-	-	-
General data					
Type of insulation material / insulation material group			LCP / IIIa		
Inflammability class in acc. with UL 94			V0		

PCB headers, Pitch: 3.5 mm

MC 1,5/...-GF-THR, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MC 1,5/ 2-GF-3,5 P20 THR	1789384	50	17.3
3	MC 1,5/ 3-GF-3,5 P20 THR	1789407	50	20.8
4	MC 1,5/ 4-GF-3,5 P20 THR	1789423	50	24.3
5	MC 1,5/ 5-GF-3,5 P20 THR	1789449	50	27.8
6	MC 1,5/ 6-GF-3,5 P20 THR	1789465	50	31.3
7	MC 1,5/ 7-GF-3,5 P20 THR	1789481	50	34.8
8	MC 1,5/ 8-GF-3,5 P20 THR	1789504	50	38.3
9	MC 1,5/ 9-GF-3,5 P20 THR	1789520	50	41.8
10	MC 1,5/10-GF-3,5 P20 THR	1789546	50	45.3
11	MC 1,5/11-GF-3,5 P20 THR	1789562	50	48.8
12	MC 1,5/12-GF-3,5 P20 THR	1789588	50	52.3
13	MC 1,5/13-GF-3,5 P20 THR	1713370	50	55.8
14	MC 1,5/14-GF-3,5 P20 THR	1713371	50	59.3
15	MC 1,5/15-GF-3,5 P20 THR	1713372	50	62.8
16	MC 1,5/16-GF-3,5 P20 THR	1713373	50	66.3
17	MC 1,5/17-GF-3,5 P20 THR	1713374	50	69.8
18	MC 1,5/18-GF-3,5 P20 THR	1713375	50	73.3
19	MC 1,5/19-GF-3,5 P20 THR	1713377	50	76.8
20	MC 1,5/20-GF-3,5 P20 THR	1713378	50	80.3



Technical data

Connection system / type of contact		MINI COMBICON / Male connector		
Locking		Threaded flange		
Electrical parameters				
Rated current / conductor cross section		[A] / [mm²]	8 / -	
Surge voltage category/degree of pollution			III/3	III / 2 II / 2
Rated insulation voltage		[V]	160	160 250
Rated surge voltage		[kV]	2.5	2.5 2.5
Approval data (UL/CUL)				
Use Group			B	C D
Nominal voltage/current		[V] / [A]	300 / 8	- 300 / 8
AWG			-	- -
General data				
Type of insulation material / insulation material group			LCP / IIIa	
Inflammability class in acc. with UL 94			V0	

PCB connectors
Conductor cross section up to 1.5 mm² (AWG 16)

PCB headers, Pitch: 3.81 mm

MC 1,5/...-GF-THR, Linear pinning

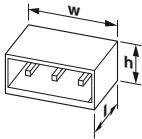


Table with 2 columns: Dimensions, [mm]. Rows: Solder pin length (2), Length l (9.2), Height h (6.9).



Ordering data table with 5 columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 13-20.

Icons for THR, 160V IEC, 8A IEC, 3,81 mm pitch, and 1,5mm² cross-section.

Technical data table for MC 1,5/...-GF-THR. Includes connection system, electrical parameters, and general data.

PCB headers, Pitch: 3.5 mm

MCV 1,5/...-G-THR, Linear pinning

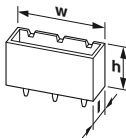


Table with 2 columns: Dimensions, [mm]. Rows: Solder pin length (2), Length l (7), Height h (9.2).



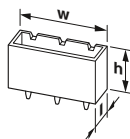
Ordering data table for MCV 1,5/...-G-THR with 5 columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 13-20.

Icons for THR, 160V IEC, 8A IEC, 3,5 mm pitch, and 1,5mm² cross-section.

Technical data table for MCV 1,5/...-G-THR. Includes connection system, electrical parameters, and general data.

PCB headers, Pitch: 3.81 mm

MCV 1,5/-G-THR, Linear pinning



Dimensions	[mm]
Solder pin length	2
Length l	7.25
Height h	9.2



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
13	MCV 1,5/13-G-3,81 P20 THR	1828895	50	50.92
14	MCV 1,5/14-G-3,81 P20 THR	1828905	50	54.73
15	MCV 1,5/15-G-3,81 P20 THR	1828918	50	58.54
16	MCV 1,5/16-G-3,81 P20 THR	1828921	50	62.35
17	MCV 1,5/17-G-3,81 P20 THR	1828934	50	66.16
18	MCV 1,5/18-G-3,81 P20 THR	1828947	50	69.97
19	MCV 1,5/19-G-3,81 P20 THR	1828950	50	73.78
20	MCV 1,5/20-G-3,81 P20 THR	1828963	50	77.59

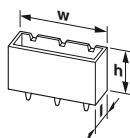


Technical data

Connection system / type of contact		MINI COMBICON / Male connector			
Locking		without			
Electrical parameters					
Rated current / conductor cross section		[A] / [mm²]	8 / -		
Surge voltage category/degree of pollution			III/3	III / 2	II / 2
Rated insulation voltage		[V]	160	160	250
Rated surge voltage		[kV]	2.5	2.5	2.5
Approval data (UL/CUL)					
Use Group			B	C	D
Nominal voltage/current		[V] / [A]	300 / 8	-	300 / 8
AWG			-	-	-
General data					
Type of insulation material / insulation material group			LCP / IIIa		
Inflammability class in acc. with UL 94			V0		

PCB headers, Pitch: 3.5 mm

MCV 1,5/-GF-THR, Linear pinning



Dimensions	[mm]
Solder pin length	2
Length l	9.2
Height h	6.9



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
13	MCV 1,5/13-GF-3,5 P20 THR	1713390	50	55.8
14	MCV 1,5/14-GF-3,5 P20 THR	1713391	50	59.3
15	MCV 1,5/15-GF-3,5 P20 THR	1713393	50	62.8
16	MCV 1,5/16-GF-3,5 P20 THR	1713394	50	66.3
17	MCV 1,5/17-GF-3,5 P20 THR	1713395	50	69.8
18	MCV 1,5/18-GF-3,5 P20 THR	1713398	50	73.3
19	MCV 1,5/19-GF-3,5 P20 THR	1713399	50	76.8
20	MCV 1,5/20-GF-3,5 P20 THR	1713400	50	80.3



Technical data

Connection system / type of contact	MINI COMBICON / Male connector			
Locking	Threaded flange			
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	8 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	250
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		-	-	-
General data				
Type of insulation material / insulation material group		LCP / IIIa		
Inflammability class in acc. with UL 94		V0		

PCB connectors
Conductor cross section up to 1.5 mm² (AWG 16)

PCB headers, Pitch: 3.81 mm

MCV 1,5/-GF-THR, Linear pinning

Diagram and image of the MCV 1,5/-GF-THR connector. Dimensions table: Solder pin length 2, Length l 7, Height h 9.2.



Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 13 to 20.

Icons for THR, 160V IEC, 8A IEC, 3.81 mm pitch, and 1.5mm² cross-section.

Technical data table for MCV 1,5/-GF-THR. Includes connection system, electrical parameters (current, voltage, surge), approval data, and general data.

PCB headers, Pitch: 3.5 mm

MC 1,5/-G-THR, Linear pinning

Diagram and image of the MC 1,5/-G-THR connector. Dimensions table: Solder pin length 2.6, Length l 9.2, Height h 6.9.



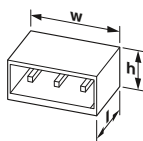
Ordering data table for MC 1,5/-G-THR. Columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2 to 12.

Icons for THR, 160V IEC, 8A IEC, 3.5 mm pitch, and 1.5mm² cross-section.

Technical data table for MC 1,5/-G-THR. Includes connection system, electrical parameters, approval data, and general data.

PCB headers, Pitch: 3.81 mm

MC 1,5/...-G-THR, Linear pinning



Dimensions	[mm]
Solder pin length	2.6
Length l	9.2
Height h	6.9



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MC 1,5/ 2-G-3,81 P26 THR	1721986	100	8.01
3	MC 1,5/ 3-G-3,81 P26 THR	1721999	100	12.82
4	MC 1,5/ 4-G-3,81 P26 THR	1722008	100	16.63
5	MC 1,5/ 5-G-3,81 P26 THR	1722011	50	20.44
6	MC 1,5/ 6-G-3,81 P26 THR	1722024	50	24.25
7	MC 1,5/ 7-G-3,81 P26 THR	1722037	50	28.06
8	MC 1,5/ 8-G-3,81 P26 THR	1722040	50	31.87
9	MC 1,5/ 9-G-3,81 P26 THR	1722053	50	35.68
10	MC 1,5/10-G-3,81 P26 THR	1722066	50	39.49
11	MC 1,5/11-G-3,81 P26 THR	1722079	50	43.3
12	MC 1,5/12-G-3,81 P26 THR	1722082	50	47.11

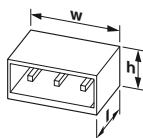


Technical data

Connection system / type of contact		MINI COMBICON / Male connector			
Locking		without			
Electrical parameters					
Rated current / conductor cross section		[A] / [mm²]	8 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2	
Rated insulation voltage		[V]	160	160	250
Rated surge voltage		[kV]	2.5	2.5	2.5
Approval data (UL/CUL)					
Use Group		B	C	D	
Nominal voltage/current		[V] / [A]	300 / 8	-	300 / 8
AWG			-	-	-
General data					
Type of insulation material / insulation material group			LCP / IIIa		
Inflammability class in acc. with UL 94			V0		

PCB headers, Pitch: 3.5 mm

MC 1,5/...-GF-THR, Linear pinning



Dimensions	[mm]
Solder pin length	2.6
Length l	9.2
Height h	6.9



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MC 1,5/ 2-GF-3,5 P26 THR	1789164	50	17.3
3	MC 1,5/ 3-GF-3,5 P26 THR	1789180	50	20.8
4	MC 1,5/ 4-GF-3,5 P26 THR	1789203	50	24.3
5	MC 1,5/ 5-GF-3,5 P26 THR	1789229	50	27.8
6	MC 1,5/ 6-GF-3,5 P26 THR	1789245	50	31.3
7	MC 1,5/ 7-GF-3,5 P26 THR	1789261	50	34.8
8	MC 1,5/ 8-GF-3,5 P26 THR	1789287	50	38.3
9	MC 1,5/ 9-GF-3,5 P26 THR	1789300	50	41.8
10	MC 1,5/10-GF-3,5 P26 THR	1789326	50	45.3
11	MC 1,5/11-GF-3,5 P26 THR	1789342	50	48.8
12	MC 1,5/12-GF-3,5 P26 THR	1789368	50	52.3



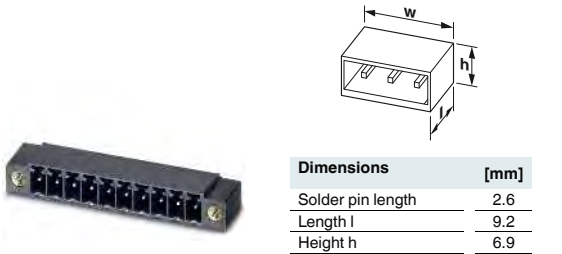
Technical data

Connection system / type of contact		MINI COMBICON / Male connector			
Locking		Threaded flange			
Electrical parameters					
Rated current / conductor cross section		[A] / [mm²]	8 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2	
Rated insulation voltage		[V]	160	160	250
Rated surge voltage		[kV]	2.5	2.5	2.5
Approval data (UL/CUL)					
Use Group		B	C	D	
Nominal voltage/current		[V] / [A]	300 / 8	-	300 / 8
AWG			-	-	-
General data					
Type of insulation material / insulation material group		LCP / IIIa			
Inflammability class in acc. with UL 94		V0			

PCB connectors
Conductor cross section up to 1.5 mm² (AWG 16)

PCB headers, Pitch: 3.81 mm

MC 1,5/...-GF-THR, Linear pinning



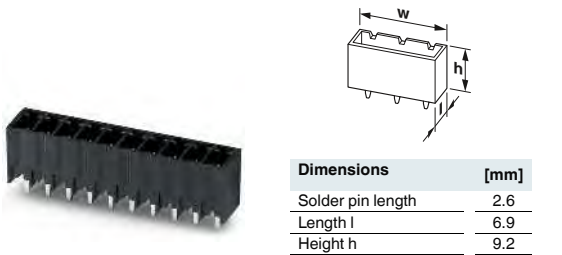
Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-12 showing various MC 1,5/...-GF-THR models.



Technical data table for MC 1,5/...-GF-THR. Includes connection system (MINI COMBICON / Male connector), electrical parameters (Rated current 8A, Rated insulation voltage 160V), and general data (Type of insulation material LCP / IIIa).

PCB headers, Pitch: 3.5 mm

MCV 1,5/...-G-THR, Linear pinning



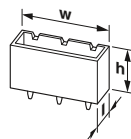
Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-12 showing various MCV 1,5/...-G-THR models.



Technical data table for MCV 1,5/...-G-THR. Includes connection system (MINI COMBICON / Male connector), electrical parameters (Rated current 8A, Rated insulation voltage 160V), and general data (Type of insulation material LCP / IIIa).

PCB headers, Pitch: 3.81 mm

MCV 1,5/-G-THR, Linear pinning



Dimensions	[mm]
Solder pin length	2.6
Length l	7.25
Height h	9.2



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MCV 1,5/ 2-G-3,81 P26 THR	1707421	50	9.01
3	MCV 1,5/ 3-G-3,81 P26 THR	1707434	50	12.82
4	MCV 1,5/ 4-G-3,81 P26 THR	1707447	50	16.63
5	MCV 1,5/ 5-G-3,81 P26 THR	1707450	50	20.44
6	MCV 1,5/ 6-G-3,81 P26 THR	1707463	50	24.25
7	MCV 1,5/ 7-G-3,81 P26 THR	1707476	50	28.06
8	MCV 1,5/ 8-G-3,81 P26 THR	1707489	50	31.87
9	MCV 1,5/ 9-G-3,81 P26 THR	1707492	50	35.68
10	MCV 1,5/10-G-3,81 P26 THR	1707502	50	39.49
11	MCV 1,5/11-G-3,81 P26 THR	1707515	50	43.3
12	MCV 1,5/12-G-3,81 P26 THR	1707528	50	47.11

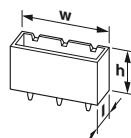


Technical data

Connection system / type of contact		MINI COMBICON / Male connector			
Locking		without			
Electrical parameters					
Rated current / conductor cross section		[A] / [mm²]	8 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2	
Rated insulation voltage		[V]	160	160	250
Rated surge voltage		[kV]	2.5	2.5	2.5
Approval data (UL/CUL)					
Use Group		B	C	D	
Nominal voltage/current		[V] / [A]	300 / 8	-	300 / 8
AWG			-	-	-
General data					
Type of insulation material / insulation material group			LCP / IIIa		
Inflammability class in acc. with UL 94			V0		

PCB headers, Pitch: 3.5 mm

MCV 1,5/-GF-THR, Linear pinning



Dimensions	[mm]
Solder pin length	2.6
Length l	6.9
Height h	9.2



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MCV 1,5/ 2-GF-3,5 P26 THR	1779064	100	17.3
3	MCV 1,5/ 3-GF-3,5 P26 THR	1779080	100	20.8
4	MCV 1,5/ 4-GF-3,5 P26 THR	1779103	100	24.3
5	MCV 1,5/ 5-GF-3,5 P26 THR	1779129	50	27.8
6	MCV 1,5/ 6-GF-3,5 P26 THR	1779145	50	31.3
7	MCV 1,5/ 7-GF-3,5 P26 THR	1779161	50	34.8
8	MCV 1,5/ 8-GF-3,5 P26 THR	1779187	50	38.3
9	MCV 1,5/ 9-GF-3,5 P26 THR	1779200	50	41.8
10	MCV 1,5/10-GF-3,5 P26 THR	1779226	50	44.3
11	MCV 1,5/11-GF-3,5 P26 THR	1780118	50	48.8
12	MCV 1,5/12-GF-3,5 P26 THR	1780150	50	52.3



Technical data

Connection system / type of contact		MINI COMBICON / Male connector			
Locking		Threaded flange			
Electrical parameters					
Rated current / conductor cross section		[A] / [mm²]	8 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2	
Rated insulation voltage		[V]	160	160	250
Rated surge voltage		[kV]	2.5	2.5	2.5
Approval data (UL/CUL)					
Use Group		B	C	D	
Nominal voltage/current		[V] / [A]	300 / 8	-	300 / 8
AWG			-	-	-
General data					
Type of insulation material / insulation material group		LCP / IIIa			
Inflammability class in acc. with UL 94		V0			

PCB connectors
Conductor cross section up to 1.5 mm² (AWG 16)

PCB headers, Pitch: 3.81 mm

MCV 1,5/-GF-THR, Linear pinning

Diagram and image of MCV 1,5/-GF-THR connector with dimensions w, h, and l. Includes a table of dimensions: Solder pin length 2.6, Length l 7.25, Height h 9.2.



Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Lists 12 different connector types and their specifications.

Icons for THR, 160V IEC, 8A IEC, 3.81 mm pitch, and 1.5mm² cross-section.

Technical data table for MCV 1,5/-GF-THR. Includes connection system (MINI COMBICON / Male connector), locking (Threaded flange), electrical parameters (Rated current 8A, Surge voltage 160V), and general data (Insulation material LCP / IIIa).

PCB headers, Pitch: 3.5 mm

MCDN 1,5/-G1-THR, Linear pinning

Diagram and image of MCDN 1,5/-G1-THR connector with dimensions w, h, and l. Includes a table of dimensions: Solder pin length 1.4, Length l 13.3, Height h 15.2.



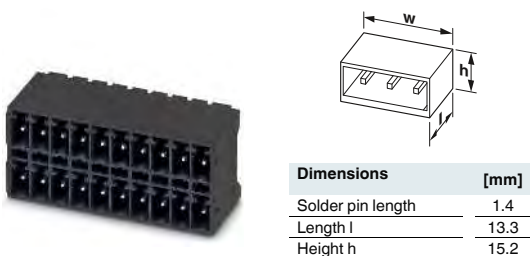
Ordering data table for MCDN 1,5/-G1-THR. Lists 20 different connector types with their order numbers, quantities, and widths.

Icons for THR, 160V IEC, 8A IEC, 3.5 mm pitch, and 1.5mm² cross-section.

Technical data table for MCDN 1,5/-G1-THR. Includes connection system (MINI COMBICON / Male connector), locking (without), electrical parameters (Rated current 8A, Surge voltage 160V), and general data (Insulation material LCP / IIIa).

PCB headers, Pitch: 3.81 mm

MCDN 1,5/...-G1-THR, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MCDN 1,5/ 2-G1-3,81 P14THR	1749337	50	4.9
3	MCDN 1,5/ 3-G1-3,81 P14THR	1749340	50	8.71
4	MCDN 1,5/ 4-G1-3,81 P14THR	1749353	50	16.33
5	MCDN 1,5/ 5-G1-3,81 P14THR	1749366	50	20.14
6	MCDN 1,5/ 6-G1-3,81 P14THR	1749379	50	23.95
7	MCDN 1,5/ 7-G1-3,81 P14THR	1749382	50	27.76
8	MCDN 1,5/ 8-G1-3,81 P14THR	1749395	50	31.57
9	MCDN 1,5/ 9-G1-3,81 P14THR	1749405	50	35.38
10	MCDN 1,5/10-G1-3,81 P14THR	1749418	50	39.19
11	MCDN 1,5/11-G1-3,81 P14THR	1749421	50	43
12	MCDN 1,5/12-G1-3,81 P14THR	1749434	50	46.81
13	MCDN 1,5/13-G1-3,81 P14THR	1749447	50	50.62
14	MCDN 1,5/14-G1-3,81 P14THR	1749450	50	54.43
15	MCDN 1,5/15-G1-3,81 P14THR	1749463	50	58.24
16	MCDN 1,5/16-G1-3,81 P14THR	1749476	50	62.05
17	MCDN 1,5/17-G1-3,81 P14THR	1749489	50	65.86
18	MCDN 1,5/18-G1-3,81 P14THR	1749492	50	69.67
19	MCDN 1,5/19-G1-3,81 P14THR	1749502	50	73.48
20	MCDN 1,5/20-G1-3,81 P14THR	1749515	50	77.29

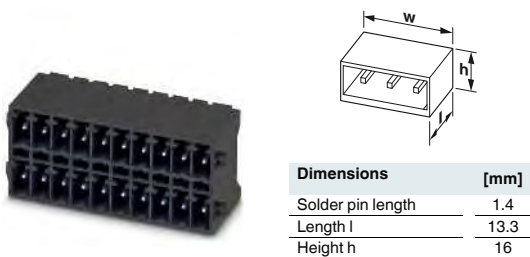


Technical data

Connection system / type of contact	MINI COMBICON / Male connector		
Locking	without		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	8 / -	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	160	160 250
Rated surge voltage	[kV]	2.5	2.5 2.5
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	150 / 8	- 150 / 8
AWG		-	- -
General data			
Type of insulation material / insulation material group	LCP / IIIa		
Inflammability class in acc. with UL 94	V0		

PCB headers, Pitch: 3.5 mm

MCDN 1,5/...-G1-RN-THR, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MCDN 1,5/ 2-G1-3,5 RNP14THR	1953208	50	10.7
3	MCDN 1,5/ 3-G1-3,5 RNP14THR	1953211	50	14.2
4	MCDN 1,5/ 4-G1-3,5 RNP14THR	1953224	50	17.7
5	MCDN 1,5/ 5-G1-3,5 RNP14THR	1953237	50	21.2
6	MCDN 1,5/ 6-G1-3,5 RNP14THR	1953240	50	24.7
7	MCDN 1,5/ 7-G1-3,5 RNP14THR	1953253	50	28.2
8	MCDN 1,5/ 8-G1-3,5 RNP14THR	1953266	50	31.7
9	MCDN 1,5/ 9-G1-3,5 RNP14THR	1953279	50	35.2
10	MCDN 1,5/10-G1-3,5 RNP14THR	1953282	50	38.7
11	MCDN 1,5/11-G1-3,5 RNP14THR	1953295	50	42.2
12	MCDN 1,5/12-G1-3,5 RNP14THR	1953305	50	45.7
13	MCDN 1,5/13-G1-3,5 RNP14THR	1953318	50	49.2
14	MCDN 1,5/14-G1-3,5 RNP14THR	1953321	50	52.7
15	MCDN 1,5/15-G1-3,5 RNP14THR	1953334	50	56.2
16	MCDN 1,5/16-G1-3,5 RNP14THR	1953350	50	59.7
17	MCDN 1,5/17-G1-3,5 RNP14THR	1953363	50	63.2
18	MCDN 1,5/18-G1-3,5 RNP14THR	1953376	50	66.7
19	MCDN 1,5/19-G1-3,5 RNP14THR	1953389	50	70.2
20	MCDN 1,5/20-G1-3,5 RNP14THR	1953392	50	73.7



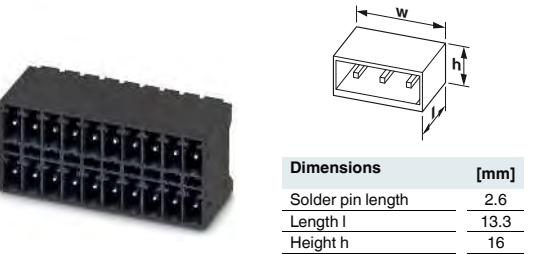
Technical data

Connection system / type of contact	MINI COMBICON / Male connector		
Locking	Engagement nose		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	8 / -	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	160	160 250
Rated surge voltage	[kV]	2.5	2.5 2.5
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	150 / 8	- 150 / 8
AWG		-	- -
General data			
Type of insulation material / insulation material group	LCP / IIIa		
Inflammability class in acc. with UL 94	V0		

PCB connectors
Conductor cross section up to 1.5 mm² (AWG 16)

PCB headers, Pitch: 3.5 mm

MCDN 1,5/-G1-THR, Linear pinning



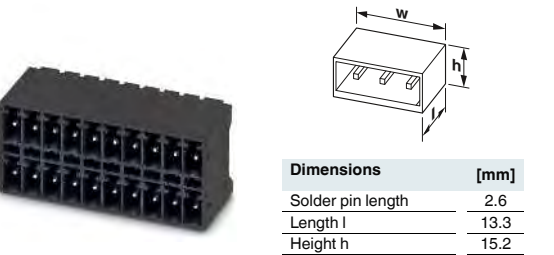
Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-20 showing various pin counts and widths.



Technical data table for PCB headers. Includes connection system (MINI COMBICON / Male connector), locking, electrical parameters (rated current 8A, surge voltage 160V), and general data (insulation material LCP / IIIa).

PCB headers, Pitch: 3.81 mm

MCDN 1,5/-G1-THR, Linear pinning



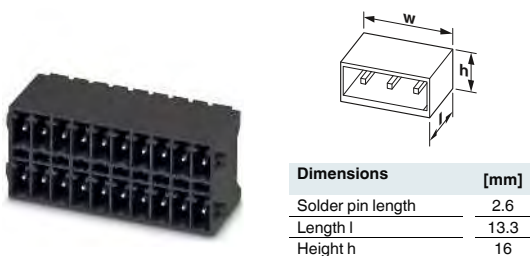
Ordering data table for 3.81 mm pitch headers. Columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-20 showing various pin counts and widths.



Technical data table for 3.81 mm pitch PCB headers. Includes connection system (MINI COMBICON / Male connector), locking, electrical parameters (rated current 8A, surge voltage 160V), and general data (insulation material LCP / IIIa).

PCB headers, Pitch: 3.5 mm

MCDN 1,5/...-G1-RN-THR, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MCDN 1,5/ 2-G1-3,5 RNP26THR	1953402	50	10.7
3	MCDN 1,5/ 3-G1-3,5 RNP26THR	1953415	50	14.2
4	MCDN 1,5/ 4-G1-3,5 RNP26THR	1953428	50	17.7
5	MCDN 1,5/ 5-G1-3,5 RNP26THR	1953554	50	21.2
6	MCDN 1,5/ 6-G1-3,5 RNP26THR	1953567	50	24.7
7	MCDN 1,5/ 7-G1-3,5 RNP26THR	1953570	50	28.2
8	MCDN 1,5/ 8-G1-3,5 RNP26THR	1953583	50	31.7
9	MCDN 1,5/ 9-G1-3,5 RNP26THR	1953596	50	35.2
10	MCDN 1,5/10-G1-3,5 RNP26THR	1953606	50	38.7
11	MCDN 1,5/11-G1-3,5 RNP26THR	1953619	50	42.2
12	MCDN 1,5/12-G1-3,5 RNP26THR	1953622	50	45.7
13	MCDN 1,5/13-G1-3,5 RNP26THR	1953635	50	49.2
14	MCDN 1,5/14-G1-3,5 RNP26THR	1953648	50	52.7
15	MCDN 1,5/15-G1-3,5 RNP26THR	1953651	50	56.2
16	MCDN 1,5/16-G1-3,5 RNP26THR	1953664	50	59.7
17	MCDN 1,5/17-G1-3,5 RNP26THR	1953677	50	63.2
18	MCDN 1,5/18-G1-3,5 RNP26THR	1953680	50	66.7
19	MCDN 1,5/19-G1-3,5 RNP26THR	1953693	50	70.2
20	MCDN 1,5/20-G1-3,5 RNP26THR	1953703	50	73.7

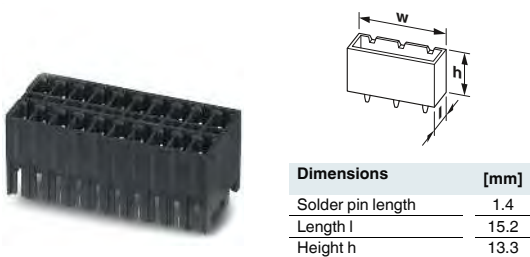


Technical data

Connection system / type of contact	MINI COMBICON / Male connector		
Locking	Threaded flange		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	8 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	160	160
Rated surge voltage	[kV]	2.5	2.5
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	150 / 8	150 / 8
AWG		-	-
General data			
Type of insulation material / insulation material group		LCP / IIIa	
Inflammability class in acc. with UL 94		V0	

PCB headers, Pitch: 3.5 mm

MCDNV 1,5/...-G1-THR, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MCDNV 1,5/ 2-G1-3,5 P14THR	1952979	50	8.5
3	MCDNV 1,5/ 3-G1-3,5 P14THR	1952982	50	12
4	MCDNV 1,5/ 4-G1-3,5 P14THR	1952995	50	15.5
5	MCDNV 1,5/ 5-G1-3,5 P14THR	1953004	50	19
6	MCDNV 1,5/ 6-G1-3,5 P14THR	1953046	50	22.5
7	MCDNV 1,5/ 7-G1-3,5 P14THR	1953059	50	26
8	MCDNV 1,5/ 8-G1-3,5 P14THR	1953062	50	29.5
9	MCDNV 1,5/ 9-G1-3,5 P14THR	1953075	50	33
10	MCDNV 1,5/10-G1-3,5 P14THR	1953088	50	36.5
11	MCDNV 1,5/11-G1-3,5 P14THR	1953101	50	40
12	MCDNV 1,5/12-G1-3,5 P14THR	1953114	50	43.5
13	MCDNV 1,5/13-G1-3,5 P14THR	1953127	50	47
14	MCDNV 1,5/14-G1-3,5 P14THR	1953130	50	50.5
15	MCDNV 1,5/15-G1-3,5 P14THR	1953143	50	54
16	MCDNV 1,5/16-G1-3,5 P14THR	1953156	50	57.5
17	MCDNV 1,5/17-G1-3,5 P14THR	1953169	50	61
18	MCDNV 1,5/18-G1-3,5 P14THR	1953172	50	64.5
19	MCDNV 1,5/19-G1-3,5 P14THR	1953185	50	68
20	MCDNV 1,5/20-G1-3,5 P14THR	1953198	50	71.5



Technical data

Connection system / type of contact	MINI COMBICON / Male connector		
Locking	without		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	8 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	160	160
Rated surge voltage	[kV]	2.5	2.5
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	150 / 8	150 / 8
AWG		-	-
General data			
Type of insulation material / insulation material group		LCP / IIIa	
Inflammability class in acc. with UL 94		V0	

PCB connectors
Conductor cross section up to 1.5 mm² (AWG 16)

PCB headers, Pitch: 3.81 mm

MCDNV 1,5/...-G1-THR, Linear pinning

Image of MCDNV 1,5/...-G1-THR connector and a diagram showing dimensions w and h. A table lists dimensions: Solder pin length 1.4, Length l 15.2, Height h 13.3.



Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2 to 20 showing various MCDNV connector types and their specifications.

Icons representing connector features: THR, 200 V IEC, 8 A IEC, 3.81 mm pitch, and 1.5mm² cross-section.

Technical data table for MCDNV 1,5/...-G1-THR. Includes connection system (MINI COMBICON / Male connector), locking, electrical parameters (rated current 8 A, surge voltage 160 V), and general data (insulation material LCP / IIIa, inflammability class V0).

PCB headers, Pitch: 3.5 mm

MCDNV 1,5/...-G1-RN-THR, Linear pinning

Image of MCDNV 1,5/...-G1-RN-THR connector and a diagram showing dimensions w and h. A table lists dimensions: Solder pin length 1.4, Length l 15.2, Height h 13.3.



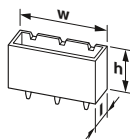
Ordering data table for MCDNV 1,5/...-G1-RN-THR. Columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2 to 20 showing various connector types and their specifications.

Icons representing connector features: THR, 160 V IEC, 8 A IEC, 3.5 mm pitch, and 1.5mm² cross-section.

Technical data table for MCDNV 1,5/...-G1-RN-THR. Includes connection system (MINI COMBICON / Male connector), locking, engagement nose, electrical parameters (rated current 8 A, surge voltage 160 V), and general data (insulation material LCP / IIIa, inflammability class V0).

PCB headers, Pitch: 3.5 mm

MCDNV 1,5/...-G1-THR, Linear pinning



Dimensions	[mm]
Solder pin length	2.6
Length l	15.2
Height h	13.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MCDNV 1,5/ 2-G1-3,5 P26THR	1952788	50	8.5
3	MCDNV 1,5/ 3-G1-3,5 P26THR	1952791	50	12
4	MCDNV 1,5/ 4-G1-3,5 P26THR	1952801	50	15.5
5	MCDNV 1,5/ 5-G1-3,5 P26THR	1952814	50	19
6	MCDNV 1,5/ 6-G1-3,5 P26THR	1952827	50	22.5
7	MCDNV 1,5/ 7-G1-3,5 P26THR	1952830	50	26
8	MCDNV 1,5/ 8-G1-3,5 P26THR	1952843	50	29.5
9	MCDNV 1,5/ 9-G1-3,5 P26THR	1952856	50	33
10	MCDNV 1,5/10-G1-3,5 P26THR	1952869	50	36.5
11	MCDNV 1,5/11-G1-3,5 P26THR	1952872	50	40
12	MCDNV 1,5/12-G1-3,5 P26THR	1952885	50	43.5
13	MCDNV 1,5/13-G1-3,5 P26THR	1952898	50	47
14	MCDNV 1,5/14-G1-3,5 P26THR	1952908	50	50.5
15	MCDNV 1,5/15-G1-3,5 P26THR	1952911	50	54
16	MCDNV 1,5/16-G1-3,5 P26THR	1952924	50	57.5
17	MCDNV 1,5/17-G1-3,5 P26THR	1952937	50	61
18	MCDNV 1,5/18-G1-3,5 P26THR	1952940	50	64.5
19	MCDNV 1,5/19-G1-3,5 P26THR	1952953	50	68
20	MCDNV 1,5/20-G1-3,5 P26THR	1952966	50	71.5

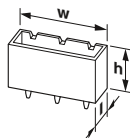


Technical data

Connection system / type of contact		MINI COMBICON / Male connector			
Locking		without			
Electrical parameters					
Rated current / conductor cross section		[A] / [mm²]	8 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2	
Rated insulation voltage		[V]	160	160	250
Rated surge voltage		[kV]	2.5	2.5	2.5
Approval data (UL/CUL)					
Use Group		B	C	D	
Nominal voltage/current		[V] / [A]	150 / 8	-	150 / 8
AWG			-	-	-
General data					
Type of insulation material / insulation material group			LCP / IIIa		
Inflammability class in acc. with UL 94			V0		

PCB headers, Pitch: 3.81 mm

MCDNV 1,5/...-G1-THR, Linear pinning



Dimensions	[mm]
Solder pin length	2.6
Length l	15.2
Height h	13.3



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MCDNV 1,5/ 2-G1-3,81 P26THR	1750290	50	8.71
3	MCDNV 1,5/ 3-G1-3,81 P26THR	1750300	50	12.52
4	MCDNV 1,5/ 4-G1-3,81 P26THR	1750313	50	16.33
5	MCDNV 1,5/ 5-G1-3,81 P26THR	1750326	50	20.14
6	MCDNV 1,5/ 6-G1-3,81 P26THR	1750339	50	23.95
7	MCDNV 1,5/ 7-G1-3,81 P26THR	1750342	50	27.76
8	MCDNV 1,5/ 8-G1-3,81 P26THR	1750355	50	31.57
9	MCDNV 1,5/ 9-G1-3,81 P26THR	1750368	50	35.38
10	MCDNV 1,5/10-G1-3,81 P26THR	1750371	50	39.19
11	MCDNV 1,5/11-G1-3,81 P26THR	1750384	50	43
12	MCDNV 1,5/12-G1-3,81 P26THR	1750397	50	46.81
13	MCDNV 1,5/13-G1-3,81 P26THR	1750407	50	50.62
14	MCDNV 1,5/14-G1-3,81 P26THR	1750410	50	54.43
15	MCDNV 1,5/15-G1-3,81 P26THR	1750423	50	58.24
16	MCDNV 1,5/16-G1-3,81 P26THR	1750436	50	62.05
17	MCDNV 1,5/17-G1-3,81 P26THR	1750449	50	65.86
18	MCDNV 1,5/18-G1-3,81 P26THR	1750452	50	69.67
19	MCDNV 1,5/19-G1-3,81 P26THR	1750465	50	73.48
20	MCDNV 1,5/20-G1-3,81 P26THR	1750478	50	77.29



Technical data

Connection system / type of contact		MINI COMBICON / Male connector			
Locking		without			
Electrical parameters					
Rated current / conductor cross section		[A] / [mm²]	8 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2	
Rated insulation voltage		[V]	160	200	250
Rated surge voltage		[kV]	2.5	2.5	2.5
Approval data (UL/CUL)					
Use Group		B	C	D	
Nominal voltage/current		[V] / [A]	150 / 8	-	150 / 8
AWG			-	-	-
General data					
Type of insulation material / insulation material group		LCP / IIIa			
Inflammability class in acc. with UL 94		V0			

PCB connectors
Conductor cross section up to 1.5 mm² (AWG 16)

PCB headers, Pitch: 3.5 mm
MCDNV 1,5/...-G1-RN-THR, Linear pinning

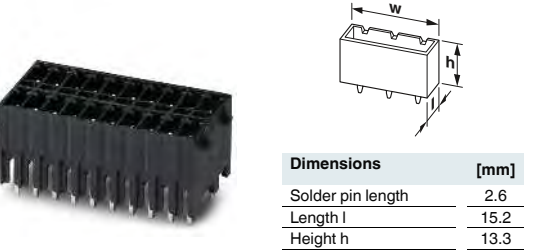


Table with 2 columns: Dimensions, [mm]. Rows: Solder pin length (2.6), Length l (15.2), Height h (13.3).



Ordering data table with 5 columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-20.



Technical data table for MCDNV connector. Includes Connection system, Locking, Electrical parameters, Approval data, and General data.

PCB headers, Pitch: 3.5 mm
IMC 1,5/...-G-THR, Linear double pinning

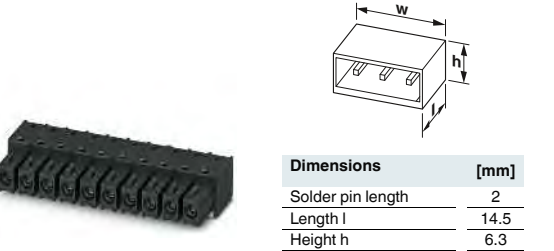


Table with 2 columns: Dimensions, [mm]. Rows: Solder pin length (2), Length l (14.5), Height h (6.3).



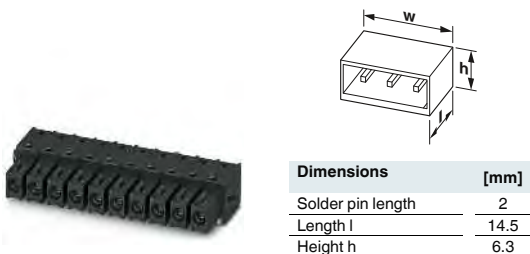
Ordering data table with 5 columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-12.



Technical data table for IMC connector. Includes Connection system, Locking, Electrical parameters, Approval data, and General data.

PCB headers, Pitch: 3.5 mm

IMC 1,5/...-G-RN-THR



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	IMC 1,5/ 2-G-3,5 RN P20 THR	1830566	50	7.8
3	IMC 1,5/ 3-G-3,5 RN P20 THR	1830579	50	11.3
4	IMC 1,5/ 4-G-3,5 RN P20 THR	1830582	50	14.8
5	IMC 1,5/ 5-G-3,5 RN P20 THR	1830595	50	18.3
6	IMC 1,5/ 6-G-3,5 RN P20 THR	1830605	50	21.8
7	IMC 1,5/ 7-G-3,5 RN P20 THR	1830618	50	25.3
8	IMC 1,5/ 8-G-3,5 RN P20 THR	1830621	50	28.8
9	IMC 1,5/ 9-G-3,5 RN P20 THR	1830634	50	32.3
10	IMC 1,5/10-G-3,5 RN P20 THR	1830647	50	35.8
11	IMC 1,5/11-G-3,5 RN P20 THR	1830650	50	39.3
12	IMC 1,5/12-G-3,5 RN P20 THR	1830663	50	42.8

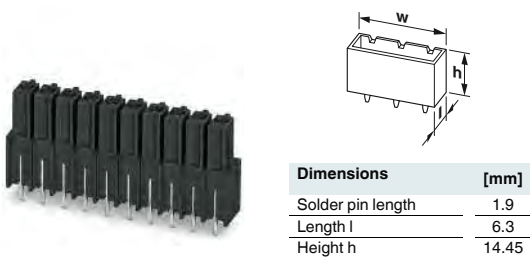


Technical data

Connection system / type of contact	MINI COMBICON / Female connector		
Locking	Engagement nose		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	8 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	160	160
Rated surge voltage	[kV]	2.5	2.5
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 8	300 / 8
AWG		-	-
General data			
Type of insulation material / insulation material group		LCP / IIIa	
Inflammability class in acc. with UL 94		V0	

PCB headers, Pitch: 3.5 mm

IMCV 1,5/...-G-THR



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	IMCV 1,5/ 2-G-3,5 P20 THR	1830715	50	7.8
3	IMCV 1,5/ 3-G-3,5 P20 THR	1830728	50	11.3
4	IMCV 1,5/ 4-G-3,5 P20 THR	1830731	50	14.8
5	IMCV 1,5/ 5-G-3,5 P20 THR	1830744	50	18.3
6	IMCV 1,5/ 6-G-3,5 P20 THR	1830757	50	21.8
7	IMCV 1,5/ 7-G-3,5 P20 THR	1830760	50	25.3
8	IMCV 1,5/ 8-G-3,5 P20 THR	1830773	50	28.8
9	IMCV 1,5/ 9-G-3,5 P20 THR	1830786	50	32.3
10	IMCV 1,5/10-G-3,5 P20 THR	1830799	50	35.8
11	IMCV 1,5/11-G-3,5 P20 THR	1830809	50	39.3
12	IMCV 1,5/12-G-3,5 P20 THR	1830812	50	42.8



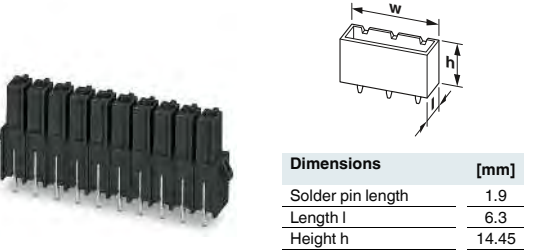
Technical data

Connection system / type of contact	MINI COMBICON / Female connector		
Locking	without		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	8 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	160	160
Rated surge voltage	[kV]	2.5	2.5
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 8	300 / 8
AWG		-	-
General data			
Type of insulation material / insulation material group		LCP / IIIa	
Inflammability class in acc. with UL 94		V0	

PCB connectors
Conductor cross section up to 1.5 mm² (AWG 16)

PCB headers, Pitch: 3.5 mm

IMCV 1,5/...-G-RN-THR, Linear pinning



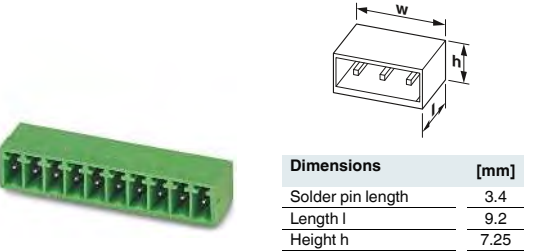
Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-12 listing various IMCV header types and their specifications.



Technical data table for IMCV connector. Includes connection system (MINI COMBICON / Female connector), electrical parameters (Rated current 8A, surge voltage 2.5kV), and general data (insulation material LCP / IIIa, UL 94 V0).

PCB headers, Pitch: 3.5 mm

MC 1,5/...-G, Linear pinning



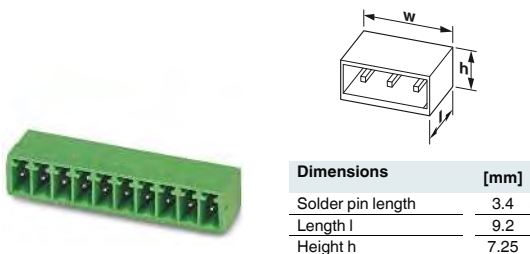
Ordering data table for MC headers. Columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-20 listing MC header types and their specifications.



Technical data table for MC connector. Includes connection system (MINI COMBICON / Male connector), electrical parameters (Rated current 8A, surge voltage 2.5kV), and general data (insulation material PBT / IIIa, UL 94 V0).

PCB headers, Pitch: 3.81 mm

MC 1,5/...-G, Linear pinning



Dimensions	[mm]
Solder pin length	3.4
Length l	9.2
Height h	7.25



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MC 1,5/ 2-G-3,81	1803277	250	9.01
3	MC 1,5/ 3-G-3,81	1803280	250	12.82
4	MC 1,5/ 4-G-3,81	1803293	250	16.63
5	MC 1,5/ 5-G-3,81	1803303	250	20.44
6	MC 1,5/ 6-G-3,81	1803316	100	24.25
7	MC 1,5/ 7-G-3,81	1803329	100	28.06
8	MC 1,5/ 8-G-3,81	1803332	100	31.87
9	MC 1,5/ 9-G-3,81	1803345	100	35.68
10	MC 1,5/10-G-3,81	1803358	100	39.49
11	MC 1,5/11-G-3,81	1803361	50	43.3
12	MC 1,5/12-G-3,81	1803374	50	47.11
13	MC 1,5/13-G-3,81	1803387	50	50.92
14	MC 1,5/14-G-3,81	1803390	50	54.73
15	MC 1,5/15-G-3,81	1803400	50	58.54
16	MC 1,5/16-G-3,81	1803413	50	62.35
17	MC 1,5/17-G-3,81	1841307	50	66.16
18	MC 1,5/18-G-3,81	1841297	50	69.97
19	MC 1,5/19-G-3,81	1841284	50	73.78
20	MC 1,5/20-G-3,81	1841271	50	77.59

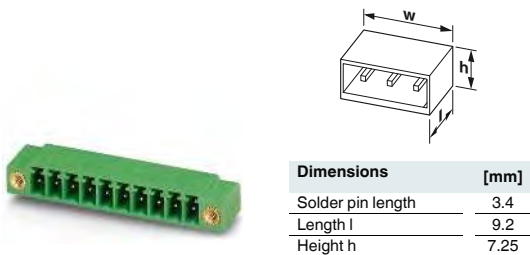


Technical data

Connection system / type of contact		MINI COMBICON / Male connector		
Locking		without		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	250
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		-	-	-
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		-	-	-
General data				
Type of insulation material / insulation material group		PBT / IIIa		
Inflammability class in acc. with UL 94		V0		

PCB headers, Pitch: 3.5 mm

MC 1,5/...-GF, Linear pinning



Dimensions	[mm]
Solder pin length	3.4
Length l	9.2
Height h	7.25



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MC 1,5/ 2-GF-3,5	1843790	250	17.35
3	MC 1,5/ 3-GF-3,5	1843800	250	20.85
4	MC 1,5/ 4-GF-3,5	1843813	250	24.35
5	MC 1,5/ 5-GF-3,5	1843826	250	27.85
6	MC 1,5/ 6-GF-3,5	1843839	100	31.35
7	MC 1,5/ 7-GF-3,5	1843842	100	34.85
8	MC 1,5/ 8-GF-3,5	1843855	100	38.35
9	MC 1,5/ 9-GF-3,5	1843868	100	41.85
10	MC 1,5/10-GF-3,5	1843871	100	45.35
11	MC 1,5/11-GF-3,5	1843884	50	48.85
12	MC 1,5/12-GF-3,5	1843897	50	52.35
13	MC 1,5/13-GF-3,5	1843907	50	55.85
14	MC 1,5/14-GF-3,5	1843910	50	59.35
15	MC 1,5/15-GF-3,5	1843923	50	62.85
16	MC 1,5/16-GF-3,5	1843936	50	66.35
17	MC 1,5/17-GF-3,5	1843949	50	69.85
18	MC 1,5/18-GF-3,5	1843952	50	73.35
19	MC 1,5/19-GF-3,5	1843965	50	76.85
20	MC 1,5/20-GF-3,5	1843978	50	80.35



Technical data

Connection system / type of contact		MINI COMBICON / Male connector		
Locking		Threaded flange		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	8 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	250
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		-	-	-
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		-	-	-
General data				
Type of insulation material / insulation material group		PBT / IIIa		
Inflammability class in acc. with UL 94		V0		

PCB connectors
Conductor cross section up to 1.5 mm² (AWG 16)

PCB headers, Pitch: 3.81 mm

MC 1,5/...-GF, Linear pinning

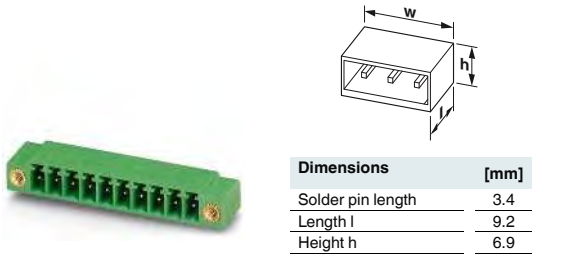


Table with 2 columns: Dimensions, [mm]. Rows: Solder pin length (3.4), Length l (9.2), Height h (6.9).



Ordering data table with 5 columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-20 for MC 1,5/2-GF-3,81 to MC 1,5/20-GF-3,81.



Technical data table for MC 1,5/...-GF. Includes connection system, locking, electrical parameters (current, voltage, surge), approval data (UL/CUL, CSA), and general data (insulation material, flammability).

PCB headers, Pitch: 3.5 mm

MC 1,5/...-G-RN, Linear pinning

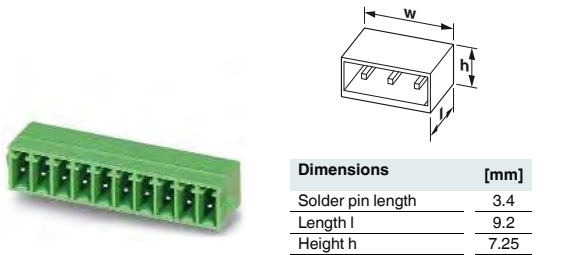


Table with 2 columns: Dimensions, [mm]. Rows: Solder pin length (3.4), Length l (9.2), Height h (7.25).



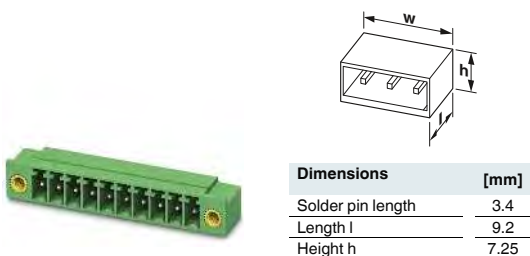
Ordering data table with 5 columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-20 for MC 1,5/2-G-3,5-RN to MC 1,5/20-G-3,5-RN.



Technical data table for MC 1,5/...-G-RN. Includes connection system, locking, electrical parameters (current, voltage, surge), approval data (UL/CUL, CSA), and general data (insulation material, flammability).

PCB headers, Pitch: 3.5 mm

MC 1,5/...-GF-LR, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MC 1,5/ 2-GF-3,5-LR	1817615	50	17.3
3	MC 1,5/ 3-GF-3,5-LR	1817628	50	20.8
4	MC 1,5/ 4-GF-3,5-LR	1817631	50	24.3
5	MC 1,5/ 5-GF-3,5-LR	1817644	50	27.8
6	MC 1,5/ 6-GF-3,5-LR	1817657	50	31.3
7	MC 1,5/ 7-GF-3,5-LR	1817660	50	34.8
8	MC 1,5/ 8-GF-3,5-LR	1817673	50	38.3
9	MC 1,5/ 9-GF-3,5-LR	1817686	50	41.8
10	MC 1,5/10-GF-3,5-LR	1817699	50	45.3
11	MC 1,5/11-GF-3,5-LR	1817709	50	48.8
12	MC 1,5/12-GF-3,5-LR	1817712	50	52.3
13	MC 1,5/13-GF-3,5-LR	1817725	50	55.8
14	MC 1,5/14-GF-3,5-LR	1817738	50	59.3
15	MC 1,5/15-GF-3,5-LR	1817741	50	62.8
16	MC 1,5/16-GF-3,5-LR	1817754	50	66.3
17	MC 1,5/17-GF-3,5-LR	1817767	50	69.8
18	MC 1,5/18-GF-3,5-LR	1817770	50	73.3
19	MC 1,5/19-GF-3,5-LR	1817783	50	76.8
20	MC 1,5/20-GF-3,5-LR	1817796	50	80.3

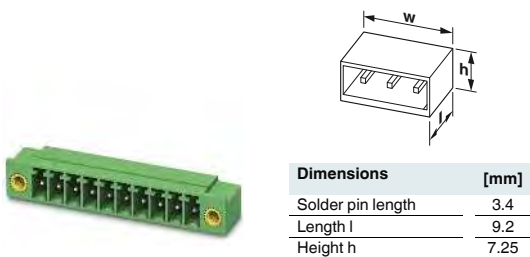


Technical data

Connection system / type of contact	MINI COMBICON / Male connector		
Locking	Lock & release threaded flange		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	8 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	160	160
Rated surge voltage	[kV]	2.5	2.5
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 8	300 / 8
AWG		-	-
General data			
Type of insulation material / insulation material group	PBT / IIIa		
Inflammability class in acc. with UL 94	V0		

PCB headers, Pitch: 3.81 mm

MC 1,5/...-GF-LR, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MC 1,5/ 2-GF-3,81-LR	1817806	50	18.01
3	MC 1,5/ 3-GF-3,81-LR	1817819	50	21.82
4	MC 1,5/ 4-GF-3,81-LR	1817822	50	25.63
5	MC 1,5/ 5-GF-3,81-LR	1817835	50	29.44
6	MC 1,5/ 6-GF-3,81-LR	1817848	50	33.25
7	MC 1,5/ 7-GF-3,81-LR	1817851	50	37.06
8	MC 1,5/ 8-GF-3,81-LR	1817864	50	40.87
9	MC 1,5/ 9-GF-3,81-LR	1817877	50	44.68
10	MC 1,5/10-GF-3,81-LR	1817880	50	48.49
11	MC 1,5/11-GF-3,81-LR	1817893	50	52.3
12	MC 1,5/12-GF-3,81-LR	1817903	50	56.11
13	MC 1,5/13-GF-3,81-LR	1817916	50	59.92
14	MC 1,5/14-GF-3,81-LR	1817929	50	63.73
15	MC 1,5/15-GF-3,81-LR	1817932	50	67.54
16	MC 1,5/16-GF-3,81-LR	1817945	50	71.35
17	MC 1,5/17-GF-3,81-LR	1817958	50	75.16
18	MC 1,5/18-GF-3,81-LR	1817961	50	78.97
19	MC 1,5/19-GF-3,81-LR	1817974	50	82.78
20	MC 1,5/20-GF-3,81-LR	1817987	50	86.59



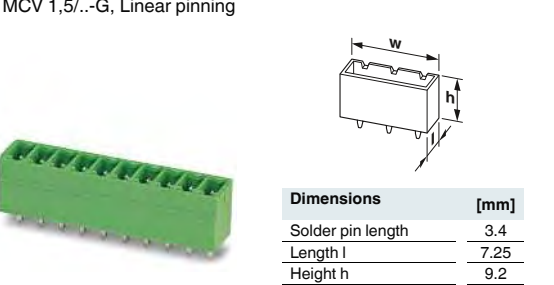
Technical data

Connection system / type of contact	MINI COMBICON / Male connector		
Locking	Lock & release threaded flange		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	8 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	160	160
Rated surge voltage	[kV]	2.5	2.5
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 8	300 / 8
AWG		-	-
General data			
Type of insulation material / insulation material group	PBT / IIIa		
Inflammability class in acc. with UL 94	V0		

PCB connectors
Conductor cross section up to 1.5 mm² (AWG 16)

PCB headers, Pitch: 3.5 mm

MCV 1,5/-G, Linear pinning



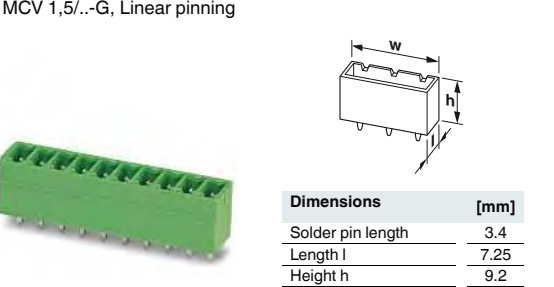
Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-20 showing various MCV 1,5/-G-3.5 configurations.



Technical data table for MCV 1,5/-G-3.5. Includes connection system (MINI COMBICON / Male connector), locking, electrical parameters (rated current 8A, surge voltage 160V), and approval data (UL/CUL, CSA).

PCB headers, Pitch: 3.81 mm

MCV 1,5/-G, Linear pinning



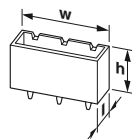
Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-20 showing various MCV 1,5/-G-3.81 configurations.



Technical data table for MCV 1,5/-G-3.81. Includes connection system (MINI COMBICON / Male connector), locking, electrical parameters (rated current 8A, surge voltage 160V), and approval data (UL/CUL, CSA).

PCB headers, Pitch: 3.5 mm

MCV 1,5/-GF, Linear pinning



Dimensions	[mm]
Solder pin length	3.4
Length l	7.25
Height h	9.2



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MCV 1,5/ 2-GF-3,5	1843224	250	17.3
3	MCV 1,5/ 3-GF-3,5	1843237	250	20.8
4	MCV 1,5/ 4-GF-3,5	1843240	250	24.3
5	MCV 1,5/ 5-GF-3,5	1843253	250	27.8
6	MCV 1,5/ 6-GF-3,5	1843266	100	31.3
7	MCV 1,5/ 7-GF-3,5	1843279	100	34.8
8	MCV 1,5/ 8-GF-3,5	1843282	100	38.3
9	MCV 1,5/ 9-GF-3,5	1843295	100	51.8
10	MCV 1,5/10-GF-3,5	1843305	100	45.3
11	MCV 1,5/11-GF-3,5	1843318	50	48.8
12	MCV 1,5/12-GF-3,5	1843321	50	52.3
13	MCV 1,5/13-GF-3,5	1843334	50	55.8
14	MCV 1,5/14-GF-3,5	1843347	50	59.3
15	MCV 1,5/15-GF-3,5	1843350	50	62.8
16	MCV 1,5/16-GF-3,5	1843363	50	66.3
17	MCV 1,5/17-GF-3,5	1843376	50	69.8
18	MCV 1,5/18-GF-3,5	1843389	50	71.1
19	MCV 1,5/19-GF-3,5	1843392	50	76.8
20	MCV 1,5/20-GF-3,5	1843402	50	80.3

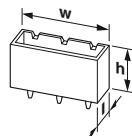


Technical data

Connection system / type of contact		MINI COMBICON / Male connector			
Locking		Threaded flange			
Electrical parameters					
Rated current / conductor cross section		[A] / [mm²]	8 / -		
Surge voltage category/degree of pollution			III/3	III / 2	II / 2
Rated insulation voltage		[V]	160	160	250
Rated surge voltage		[kV]	2.5	2.5	2.5
Approval data (UL/CUL)					
Use Group			B	C	D
Nominal voltage/current		[V] / [A]	300 / 8	-	300 / 8
AWG			-	-	-
Approval data (CSA)					
Use Group			B	C	D
Nominal voltage/current		[V] / [A]	300 / 8	-	300 / 8
AWG			-	-	-
General data					
Type of insulation material / insulation material group			PBT / IIIa		
Inflammability class in acc. with UL 94			V0		

PCB headers, Pitch: 3.81 mm

MCV 1,5/-GF, Linear pinning



Dimensions	[mm]
Solder pin length	3.4
Length l	7.25
Height h	9.2



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MCV 1,5/ 2-GF-3,81	1830596	250	18.01
3	MCV 1,5/ 3-GF-3,81	1830606	250	21.82
4	MCV 1,5/ 4-GF-3,81	1830619	250	25.63
5	MCV 1,5/ 5-GF-3,81	1830622	250	29.44
6	MCV 1,5/ 6-GF-3,81	1830635	100	33.25
7	MCV 1,5/ 7-GF-3,81	1830648	100	37.06
8	MCV 1,5/ 8-GF-3,81	1830651	100	40.87
9	MCV 1,5/ 9-GF-3,81	1830664	100	44.68
10	MCV 1,5/10-GF-3,81	1830677	100	48.49
11	MCV 1,5/11-GF-3,81	1830680	50	52.3
12	MCV 1,5/12-GF-3,81	1830693	50	56.11
13	MCV 1,5/13-GF-3,81	1830703	50	59.92
14	MCV 1,5/14-GF-3,81	1830716	50	63.73
15	MCV 1,5/15-GF-3,81	1830729	50	67.54
16	MCV 1,5/16-GF-3,81	1830732	50	71.35
17	MCV 1,5/17-GF-3,81	1844935	50	75.16
18	MCV 1,5/18-GF-3,81	1844948	50	78.97
19	MCV 1,5/19-GF-3,81	1844951	50	82.78
20	MCV 1,5/20-GF-3,81	1844964	50	86.59



Technical data

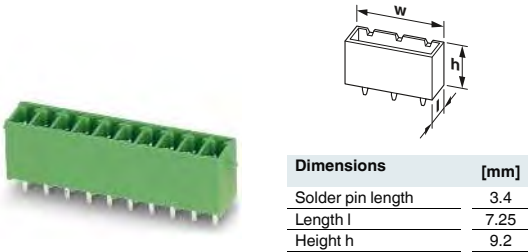
Connection system / type of contact		MINI COMBICON / Male connector		
Locking		Threaded flange		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	8 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	250
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		-	-	-
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		-	-	-
General data				
Type of insulation material / insulation material group		PBT / IIIa		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 1.5 mm² (AWG 16)

PCB headers, Pitch: 3.5 mm

MCV 1,5/-G-RN, Linear pinning



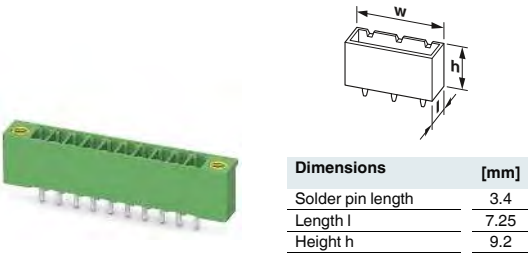
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MCV 1,5/ 2-G-3,5-RN	1731471	50	10.6
3	MCV 1,5/ 3-G-3,5-RN	1731484	50	14.7
4	MCV 1,5/ 4-G-3,5-RN	1731497	50	18.2
5	MCV 1,5/ 5-G-3,5-RN	1731510	50	21.7
6	MCV 1,5/ 6-G-3,5-RN	1731523	50	25.2
7	MCV 1,5/ 7-G-3,5-RN	1731536	50	28.7
8	MCV 1,5/ 8-G-3,5-RN	1731549	50	32.2
9	MCV 1,5/ 9-G-3,5-RN	1731552	50	35.7
10	MCV 1,5/10-G-3,5-RN	1731565	50	39.2
11	MCV 1,5/11-G-3,5-RN	1731578	50	42.7
12	MCV 1,5/12-G-3,5-RN	1731581	50	46.2
13	MCV 1,5/13-G-3,5-RN	1731594	50	49.7
14	MCV 1,5/14-G-3,5-RN	1731604	50	53.2
15	MCV 1,5/15-G-3,5-RN	1731617	50	56.7
16	MCV 1,5/16-G-3,5-RN	1731620	50	60.2
17	MCV 1,5/17-G-3,5-RN	1731633	50	63.7
18	MCV 1,5/18-G-3,5-RN	1731646	50	67.2
19	MCV 1,5/19-G-3,5-RN	1731659	50	70.7
20	MCV 1,5/20-G-3,5-RN	1731662	50	74.2



Technical data			
Connection system / type of contact		MINI COMBICON / Male connector	
Locking		Engagement nose	
Electrical parameters			
Rated current / conductor cross section		8 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage		160	160
Rated surge voltage		2.5	2.5
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current		300 / 8	300 / 8
AWG		-	-
General data			
Type of insulation material / insulation material group		PBT / IIIa	
Inflammability class in acc. with UL 94		V0	

PCB headers, Pitch: 3.5 mm

MCV 1,5/-GF-LR, Linear pinning



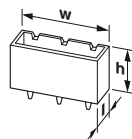
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MCV 1,5/ 2-GF-3,5-LR	1817990	50	17.3
3	MCV 1,5/ 3-GF-3,5-LR	1818009	50	20.8
4	MCV 1,5/ 4-GF-3,5-LR	1818012	50	24.3
5	MCV 1,5/ 5-GF-3,5-LR	1818025	50	27.8
6	MCV 1,5/ 6-GF-3,5-LR	1818038	50	31.3
7	MCV 1,5/ 7-GF-3,5-LR	1818041	50	34.8
8	MCV 1,5/ 8-GF-3,5-LR	1818054	50	38.3
9	MCV 1,5/ 9-GF-3,5-LR	1818067	50	41.8
10	MCV 1,5/10-GF-3,5-LR	1818070	50	45.3
11	MCV 1,5/11-GF-3,5-LR	1818083	50	48.8
12	MCV 1,5/12-GF-3,5-LR	1818096	50	52.3
13	MCV 1,5/13-GF-3,5-LR	1818106	50	55.8
14	MCV 1,5/14-GF-3,5-LR	1818119	50	59.3
15	MCV 1,5/15-GF-3,5-LR	1818122	50	62.8
16	MCV 1,5/16-GF-3,5-LR	1818135	50	66.3
17	MCV 1,5/17-GF-3,5-LR	1818148	50	69.8
18	MCV 1,5/18-GF-3,5-LR	1818151	50	73.3
19	MCV 1,5/19-GF-3,5-LR	1818164	50	76.8
20	MCV 1,5/20-GF-3,5-LR	1818177	50	80.3



Technical data			
Connection system / type of contact		MINI COMBICON / Male connector	
Locking		Lock & release threaded flange	
Electrical parameters			
Rated current / conductor cross section		8 / -	
Surge voltage category/degree of pollution		III/3	II / 2
Rated insulation voltage		160	250
Rated surge voltage		2.5	2.5
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current		300 / 8	300 / 8
AWG		-	-
General data			
Type of insulation material / insulation material group		PBT / IIIa	
Inflammability class in acc. with UL 94		V0	

PCB headers, Pitch: 3.81 mm

MCV 1,5/-GF-LR, Linear pinning



Dimensions	[mm]
Solder pin length	3.4
Length l	7.25
Height h	9.2



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MCV 1,5/ 2-GF-3,81-LR	1818180	50	18.01
3	MCV 1,5/ 3-GF-3,81-LR	1818193	50	21.82
4	MCV 1,5/ 4-GF-3,81-LR	1818203	50	25.63
5	MCV 1,5/ 5-GF-3,81-LR	1818216	50	29.44
6	MCV 1,5/ 6-GF-3,81-LR	1818229	50	33.25
7	MCV 1,5/ 7-GF-3,81-LR	1818232	50	37.06
8	MCV 1,5/ 8-GF-3,81-LR	1818245	50	40.87
9	MCV 1,5/ 9-GF-3,81-LR	1818258	50	44.68
10	MCV 1,5/10-GF-3,81-LR	1818261	50	48.49
11	MCV 1,5/11-GF-3,81-LR	1818274	50	52.3
12	MCV 1,5/12-GF-3,81-LR	1818287	50	56.11
13	MCV 1,5/13-GF-3,81-LR	1818290	50	59.92
14	MCV 1,5/14-GF-3,81-LR	1818300	50	63.73
15	MCV 1,5/15-GF-3,81-LR	1818313	50	67.54
16	MCV 1,5/16-GF-3,81-LR	1818326	50	71.35
17	MCV 1,5/17-GF-3,81-LR	1818339	50	75.16
18	MCV 1,5/18-GF-3,81-LR	1818342	50	78.97
19	MCV 1,5/19-GF-3,81-LR	1818355	50	82.78
20	MCV 1,5/20-GF-3,81-LR	1818368	50	86.59

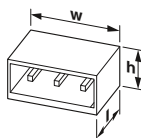


Technical data

Connection system / type of contact	MINI COMBICON / Male connector		
Locking	Lock & release threaded flange		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	8 / -	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	160	160 250
Rated surge voltage	[kV]	2.5	2.5 2.5
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 8	- 300 / 8
AWG		-	- -
General data			
Type of insulation material / insulation material group	PBT / IIIa		
Inflammability class in acc. with UL 94	V0		

PCB headers, Pitch: 3.5 mm

MCO 1,5/-G1R, Linear pinning



Dimensions	[mm]
Solder pin length	3
Length l	-
Height h	-



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
3	MCO 1,5/ 3-G1R-3,5 KMGY	2278322	50	
4	MCO 1,5/ 4-G1R-3,5 KMGY	2278377	50	
5	MCO 1,5/ 5-G1R-3,5 KMGY	2278351	50	



Technical data

Connection system / type of contact	- / -		
Locking	without		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	8 / -	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	160	160 320
Rated surge voltage	[kV]	2.5	2.5 2.5
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 8	- 300 / 8
AWG		-	- -
General data			
Type of insulation material / insulation material group	PA / I		
Inflammability class in acc. with UL 94	V0		

PCB connectors
Conductor cross section up to 1.5 mm² (AWG 16)

PCB headers, Pitch: 3.5 mm

MCO 1,5/-G1L, Linear pinning

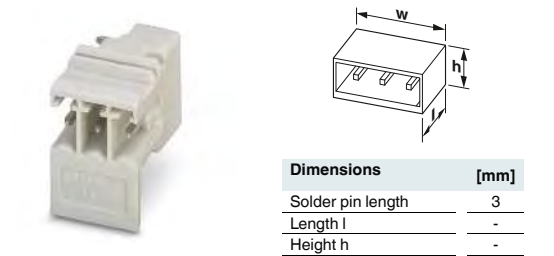


Table with 2 columns: Dimensions, [mm]. Rows: Solder pin length (3), Length l (-), Height h (-).



Ordering data table with 5 columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows for 3, 4, and 5 positions.



Technical data table for MCO 1,5/-G1L. Includes connection system, locking, electrical parameters (current, voltage, surge), approval data (UL/CUL), and general data (insulation material, flammability).

PCB headers, Pitch: 3.81 mm

MCD 1,5/-GF, Linear pinning

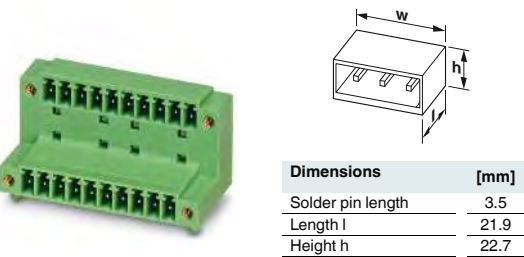


Table with 2 columns: Dimensions, [mm]. Rows: Solder pin length (3.5), Length l (21.9), Height h (22.7).



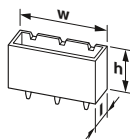
Ordering data table for MCD 1,5/-GF. Includes 5 columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows for 2 to 16 positions.



Technical data table for MCD 1,5/-GF. Includes connection system (MINI COMBICON), locking (Threaded flange), electrical parameters, approval data (UL/CUL, CSA), and general data.

PCB headers, Pitch: 3.81 mm

MCDV 1,5/...-G, Linear pinning



Dimensions	[mm]
Solder pin length	3.4
Length l	22.7
Height h	21.9



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MCDV 1,5/ 2-G-3,81	1830402	50	9.01
3	MCDV 1,5/ 3-G-3,81	1830415	50	12.82
4	MCDV 1,5/ 4-G-3,81	1830428	50	16.63
5	MCDV 1,5/ 5-G-3,81	1830431	50	20.44
6	MCDV 1,5/ 6-G-3,81	1830444	50	24.25
7	MCDV 1,5/ 7-G-3,81	1830457	50	28.06
8	MCDV 1,5/ 8-G-3,81	1830460	50	31.87
9	MCDV 1,5/ 9-G-3,81	1830473	50	35.68
10	MCDV 1,5/10-G-3,81	1830486	50	39.49
11	MCDV 1,5/11-G-3,81	1830499	50	43.3
12	MCDV 1,5/12-G-3,81	1830509	50	47.11
13	MCDV 1,5/13-G-3,81	1830512	50	50.92
14	MCDV 1,5/14-G-3,81	1830525	50	54.73
15	MCDV 1,5/15-G-3,81	1830538	50	58.54
16	MCDV 1,5/16-G-3,81	1830541	50	62.35

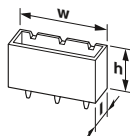


Technical data

Connection system / type of contact		MINI COMBICON / Male connector		
Locking		without		
Electrical parameters				
Rated current / conductor cross section		[A] / [mm²]	8 / -	
Surge voltage category/degree of pollution			III/3	III / 2 II / 2
Rated insulation voltage		[V]	160	160 320
Rated surge voltage		[kV]	2.5	2.5 2.5
Approval data (UL/CUL)				
Use Group			B	C D
Nominal voltage/current		[V] / [A]	300 / 8	- 300 / 8
AWG			-	- -
Approval data (CSA)				
Use Group			B	C D
Nominal voltage/current		[V] / [A]	300 / 8	- 300 / 8
AWG			-	- -
General data				
Type of insulation material / insulation material group			PA / I	
Inflammability class in acc. with UL 94			V0	

PCB headers, Pitch: 3.81 mm

MCDV 1,5/...-GF, Linear pinning



Dimensions	[mm]
Solder pin length	3.4
Length l	22.7
Height h	21.9



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MCDV 1,5/ 2-GF-3,81	1830253	50	18.01
3	MCDV 1,5/ 3-GF-3,81	1830266	50	21.82
4	MCDV 1,5/ 4-GF-3,81	1830279	50	25.63
5	MCDV 1,5/ 5-GF-3,81	1830282	50	29.44
6	MCDV 1,5/ 6-GF-3,81	1830295	50	33.25
7	MCDV 1,5/ 7-GF-3,81	1830305	50	37.06
8	MCDV 1,5/ 8-GF-3,81	1830318	50	40.87
9	MCDV 1,5/ 9-GF-3,81	1830321	50	44.68
10	MCDV 1,5/10-GF-3,81	1830334	50	48.49
11	MCDV 1,5/11-GF-3,81	1830347	50	52.3
12	MCDV 1,5/12-GF-3,81	1830350	50	56.11
13	MCDV 1,5/13-GF-3,81	1830363	50	59.92
14	MCDV 1,5/14-GF-3,81	1830376	50	63.73
15	MCDV 1,5/15-GF-3,81	1830389	50	67.54
16	MCDV 1,5/16-GF-3,81	1830392	50	71.35



Technical data

Connection system / type of contact		MINI COMBICON / Male connector		
Locking		Threaded flange		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	8 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		-	-	-
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		-	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors
Conductor cross section up to 1.5 mm² (AWG 16)

PCB headers, Pitch: 3.81 mm

MCD 1,5/-G1, Linear pinning

Image of the PCB header and a 3D perspective diagram showing dimensions w, h, and l. A table lists dimensions: Solder pin length 3.5, Length l 21.9, Height h 22.7.



Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2 to 16 showing various MCD 1,5/-G1-3,81 configurations.

Icons representing: WAVE, 160 V IEC, 8 A IEC, 3,81 mm pitch, and 1,5mm² cross-section.

Technical data table for MINI COMBICON / Male connector without. Includes electrical parameters like Rated current (8 A), Surge voltage (160 V), and approval data (UL/CUL, CSA).

PCB headers, Pitch: 3.81 mm

MCD 1,5/-G1F, Linear pinning

Image of the PCB header and a 3D perspective diagram showing dimensions w, h, and l. A table lists dimensions: Solder pin length 3.5, Length l 21.9, Height h 22.7.



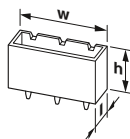
Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2 to 16 showing various MCD 1,5/-G1F-3,81 configurations.

Icons representing: WAVE, 160 V IEC, 8 A IEC, 3,81 mm pitch, and 1,5mm² cross-section.

Technical data table for MINI COMBICON / Male connector Threaded flange. Includes electrical parameters like Rated current (8 A), Surge voltage (160 V), and approval data (UL/CUL, CSA).

PCB headers, Pitch: 3.81 mm

MCDV 1,5/...-G1, Linear pinning



Dimensions	[mm]
Solder pin length	3.4
Length l	22.7
Height h	21.9



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MCDV 1,5/ 2-G1-3,81	1847725	50	9.01
3	MCDV 1,5/ 3-G1-3,81	1847738	50	12.82
4	MCDV 1,5/ 4-G1-3,81	1847741	50	16.63
5	MCDV 1,5/ 5-G1-3,81	1847754	50	20.44
6	MCDV 1,5/ 6-G1-3,81	1847767	50	24.25
7	MCDV 1,5/ 7-G1-3,81	1847783	50	28.06
8	MCDV 1,5/ 8-G1-3,81	1847796	50	31.87
9	MCDV 1,5/ 9-G1-3,81	1847806	50	35.68
10	MCDV 1,5/10-G1-3,81	1847819	50	39.49
11	MCDV 1,5/11-G1-3,81	1847822	50	43.3
12	MCDV 1,5/12-G1-3,81	1847835	50	47.11
13	MCDV 1,5/13-G1-3,81	1847848	50	50.92
14	MCDV 1,5/14-G1-3,81	1847851	50	54.73
15	MCDV 1,5/15-G1-3,81	1847864	50	58.54
16	MCDV 1,5/16-G1-3,81	1847877	50	62.35

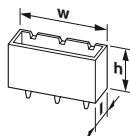


Technical data

Connection system / type of contact		MINI COMBICON / Male connector		
Locking		without		
Electrical parameters				
Rated current / conductor cross section		[A] / [mm²]	8 / -	
Surge voltage category/degree of pollution			III/3	III / 2 II / 2
Rated insulation voltage		[V]	160	160 320
Rated surge voltage		[kV]	2.5	2.5 2.5
Approval data (UL/CUL)				
Use Group			B	C D
Nominal voltage/current		[V] / [A]	300 / 8	- 300 / 8
AWG			-	- -
Approval data (CSA)				
Use Group			B	C D
Nominal voltage/current		[V] / [A]	300 / 8	- 300 / 8
AWG			-	- -
General data				
Type of insulation material / insulation material group			PA / I	
Inflammability class in acc. with UL 94			V0	

PCB headers, Pitch: 3.81 mm

MCDV 1,5/...-G1F, Linear pinning



Dimensions	[mm]
Solder pin length	3.4
Length l	22.7
Height h	21.9



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MCDV 1,5/ 2-G1F-3,81	1842762	50	18.01
3	MCDV 1,5/ 3-G1F-3,81	1842775	50	21.82
4	MCDV 1,5/ 4-G1F-3,81	1842788	50	25.63
5	MCDV 1,5/ 5-G1F-3,81	1842791	50	29.44
6	MCDV 1,5/ 6-G1F-3,81	1842801	50	33.25
7	MCDV 1,5/ 7-G1F-3,81	1842814	50	37.06
8	MCDV 1,5/ 8-G1F-3,81	1842827	50	40.87
9	MCDV 1,5/ 9-G1F-3,81	1842830	50	44.68
10	MCDV 1,5/10-G1F-3,81	1842843	50	48.49
11	MCDV 1,5/11-G1F-3,81	1842856	50	52.3
12	MCDV 1,5/12-G1F-3,81	1842869	50	56.11
13	MCDV 1,5/13-G1F-3,81	1842872	50	59.92
14	MCDV 1,5/14-G1F-3,81	1842885	50	63.73
15	MCDV 1,5/15-G1F-3,81	1842898	50	67.54
16	MCDV 1,5/16-G1F-3,81	1842908	50	71.35



Technical data

Connection system / type of contact		MINI COMBICON / Male connector		
Locking		Threaded flange		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	8 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		-	-	-
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		-	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors
Conductor cross section up to 1.5 mm² (AWG 16)

PCB headers, Pitch: 3.81 mm

IMC 1,5/-G, Linear pinning

Diagram and image of IMC 1,5/-G connector with dimensions table: Dimensions [mm], Solder pin length 3.4, Length l 14.45, Height h 6.85.



Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2 to 16.

Icons for WAVE, 160V IEC, 8A IEC, 3.81 mm, 1.5mm²

Technical data table for IMC 1,5/-G connector. Includes Connection system, Locking, Electrical parameters, Approval data, and General data.

PCB headers, Pitch: 3.81 mm

IMCV 1,5/-G, Linear pinning

Diagram and image of IMCV 1,5/-G connector with dimensions table: Dimensions [mm], Solder pin length 3.5, Length l 6.85, Height h 14.5.



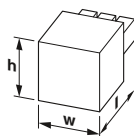
Ordering data table for IMCV 1,5/-G connector. Columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2 to 16.

Icons for WAVE, 160V IEC, 8A IEC, 3.81 mm, 1.5mm²

Technical data table for IMCV 1,5/-G connector. Includes Connection system, Locking, Electrical parameters, Approval data, and General data.

Direct plug-in block, Screw connection with tension sleeve, Pitch: 3.81 mm

MCVU 1,5/...-GFD



Dimensions	[mm]
Length l	12.5
Height h	20.3



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MCVU 1,5/ 2-GFD-3,81	1833027	50	18.01
3	MCVU 1,5/ 3-GFD-3,81	1833030	50	21.82
4	MCVU 1,5/ 4-GFD-3,81	1833043	50	25.63
5	MCVU 1,5/ 5-GFD-3,81	1833056	50	29.44
6	MCVU 1,5/ 6-GFD-3,81	1833069	50	33.25
7	MCVU 1,5/ 7-GFD-3,81	1833072	50	37.06
8	MCVU 1,5/ 8-GFD-3,81	1833085	50	40.87
9	MCVU 1,5/ 9-GFD-3,81	1833098	50	44.68
10	MCVU 1,5/10-GFD-3,81	1833108	50	48.49
11	MCVU 1,5/11-GFD-3,81	1833111	50	52.3
12	MCVU 1,5/12-GFD-3,81	1833124	50	56.11
13	MCVU 1,5/13-GFD-3,81	1833137	50	59.92
14	MCVU 1,5/14-GFD-3,81	1833140	50	63.73
15	MCVU 1,5/15-GFD-3,81	1833153	50	67.54
16	MCVU 1,5/16-GFD-3,81	1833166	50	71.35

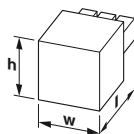


Technical data

Connection system / type of contact		MINI COMBICON / Male connector		
Locking		Threaded flange		
Connection capacity				
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.14 - 0.5 / 0.14 - 0.75		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.34		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 0.5		
Conductor cross section AWG/kcmil		28 - 16		
Stripping length	[mm]	7		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		30-14	-	30-14
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		28-16	-	28-16
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 5.08 mm

MC 1,5/...-ST



Dimensions	[mm]
Length l	15.5
Height h	11.1



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MC 1,5/ 2-ST-5,08	1836079	50	10.16
3	MC 1,5/ 3-ST-5,08	1836082	50	15.24
4	MC 1,5/ 4-ST-5,08	1836095	50	20.32
5	MC 1,5/ 5-ST-5,08	1836105	50	25.4
6	MC 1,5/ 6-ST-5,08	1836118	50	30.48
7	MC 1,5/ 7-ST-5,08	1836121	50	35.56
8	MC 1,5/ 8-ST-5,08	1836134	50	40.64
9	MC 1,5/ 9-ST-5,08	1836147	50	45.72
10	MC 1,5/10-ST-5,08	1836150	50	50.8
11	MC 1,5/11-ST-5,08	1836163	50	55.88
12	MC 1,5/12-ST-5,08	1836176	50	60.96



Technical data

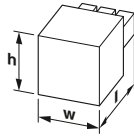
Connection system / type of contact		MINI COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.08 - 0.5 / 0.08 - 0.75		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.34		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 0.5		
Conductor cross section AWG/kcmil		28 - 16		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.22 - 0.25		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	400
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		30-14	-	30-14
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		28-16	-	28-16
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 1.5 mm² (AWG 16)

PCB plug, Screw connection with tension sleeve, Pitch: 5.08 mm

MC 1,5/...-STF



Dimensions	[mm]
Length l	15.5
Height h	11.1



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MC 1,5/ 2-STF-5,08	1847356	50	19.32
3	MC 1,5/ 3-STF-5,08	1847369	50	24.4
4	MC 1,5/ 4-STF-5,08	1847372	50	29.48
5	MC 1,5/ 5-STF-5,08	1847385	50	34.56
6	MC 1,5/ 6-STF-5,08	1847398	50	39.64
7	MC 1,5/ 7-STF-5,08	1847408	50	44.72
8	MC 1,5/ 8-STF-5,08	1847411	50	49.8
9	MC 1,5/ 9-STF-5,08	1847424	50	54.88
10	MC 1,5/10-STF-5,08	1847437	50	59.96
11	MC 1,5/11-STF-5,08	1847440	50	65.04
12	MC 1,5/12-STF-5,08	1847453	50	70.12

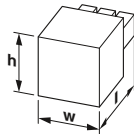


Technical data

Connection system / type of contact		MINI COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.08 - 0.5 / 0.08 - 0.75		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.34		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 0.5		
Conductor cross section AWG/kcmil		28 - 16		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.22 - 0.25		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	400
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		30-14	-	30-14
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		28-16	-	28-16
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 5.08 mm

MC 1,5/...-ST1



Dimensions	[mm]
Length l	15.5
Height h	11.1



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MC 1,5/ 2-ST1-5,08	1900772	50	10.12
3	MC 1,5/ 3-ST1-5,08	1900785	50	15.2
4	MC 1,5/ 4-ST1-5,08	1900798	50	20.28
5	MC 1,5/ 5-ST1-5,08	1900808	50	25.36
6	MC 1,5/ 6-ST1-5,08	1900811	50	30.44
7	MC 1,5/ 7-ST1-5,08	1900824	50	35.52
8	MC 1,5/ 8-ST1-5,08	1900837	50	40.6
9	MC 1,5/ 9-ST1-5,08	1900840	50	45.68
10	MC 1,5/10-ST1-5,08	1900853	50	50.76
11	MC 1,5/11-ST1-5,08	1900866	50	55.84
12	MC 1,5/12-ST1-5,08	1900879	50	60.92

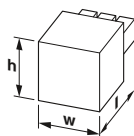


Technical data

Connection system / type of contact		MINI COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.08 - 0.5 / 0.08 - 0.75		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.34		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 0.5		
Conductor cross section AWG/kcmil		28 - 16		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.22 - 0.25		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		30-14	-	30-14
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 5.08 mm

MC 1,5/...-ST1F



Dimensions	[mm]
Length l	15.5
Height h	11.1



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MC 1,5/ 2-ST1F-5,08	1900882	50	19.28
3	MC 1,5/ 3-ST1F-5,08	1900895	50	24.36
4	MC 1,5/ 4-ST1F-5,08	1900905	50	29.44
5	MC 1,5/ 5-ST1F-5,08	1900918	50	34.52
6	MC 1,5/ 6-ST1F-5,08	1900921	50	39.6
7	MC 1,5/ 7-ST1F-5,08	1900934	50	44.68
8	MC 1,5/ 8-ST1F-5,08	1900947	50	49.76
9	MC 1,5/ 9-ST1F-5,08	1900950	50	54.84
10	MC 1,5/10-ST1F-5,08	1900963	50	59.92
11	MC 1,5/11-ST1F-5,08	1900976	50	65
12	MC 1,5/12-ST1F-5,08	1900989	50	70.08

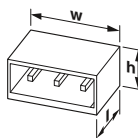


Technical data

Connection system / type of contact		MINI COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.08 - 0.5 / 0.08 - 0.75		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.34		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 0.5		
Conductor cross section AWG/kcmil		28 - 16		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.22 - 0.25		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		30-14	-	30-14
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB headers, Pitch: 5.08 mm

MC 1,5/...-G, Linear pinning



Dimensions	[mm]
Solder pin length	3.4
Length l	9.2
Height h	7.25



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MC 1,5/ 2-G-5,08	1836189	50	10.16
3	MC 1,5/ 3-G-5,08	1836192	50	15.24
4	MC 1,5/ 4-G-5,08	1836202	50	20.32
5	MC 1,5/ 5-G-5,08	1836215	50	25.4
6	MC 1,5/ 6-G-5,08	1836228	50	30.48
7	MC 1,5/ 7-G-5,08	1836231	50	35.56
8	MC 1,5/ 8-G-5,08	1836244	50	40.64
9	MC 1,5/ 9-G-5,08	1836257	50	45.72
10	MC 1,5/10-G-5,08	1836260	50	50.8
11	MC 1,5/11-G-5,08	1836273	50	55.88
12	MC 1,5/12-G-5,08	1836286	50	60.96



Technical data

Connection system / type of contact		MINI COMBICON / Male connector		
Locking		without		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	8 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	400
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		-	-	-
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		-	-	-
General data				
Type of insulation material / insulation material group		PBT / IIIa		
Inflammability class in acc. with UL 94		V0		

PCB connectors
Conductor cross section up to 1.5 mm² (AWG 16)

PCB headers, Pitch: 5.08 mm

MC 1,5/...-GF, Linear pinning

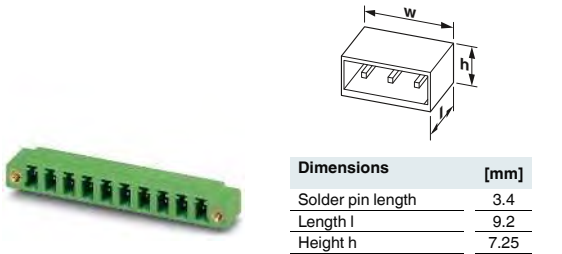


Table with 2 columns: Dimensions, [mm]. Rows: Solder pin length (3.4), Length l (9.2), Height h (7.25).



Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-12 for MC 1,5/2-GF-5,08 to MC 1,5/12-GF-5,08.



Technical data table for MC connector. Includes connection system, electrical parameters (rated current, voltage, surge), approval data (UL, CSA), and general data (insulation material, flammability).

PCB headers, Pitch: 5.08 mm

MCV 1,5/...-G, Linear pinning

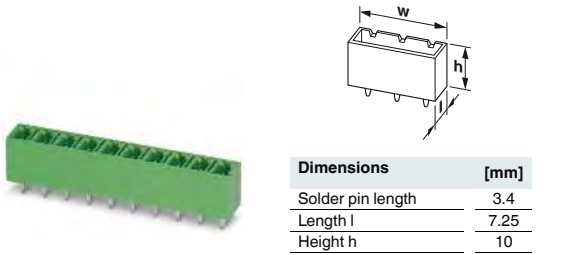


Table with 2 columns: Dimensions, [mm]. Rows: Solder pin length (3.4), Length l (7.25), Height h (10).



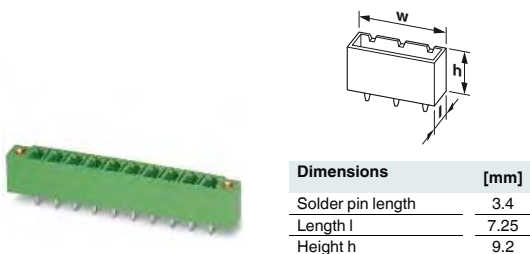
Ordering data table for MCV connector. Columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-12 for MCV 1,5/2-G-5,08 to MCV 1,5/12-G-5,08.



Technical data table for MCV connector. Includes connection system, electrical parameters, approval data, and general data.

PCB headers, Pitch: 5.08 mm

MCV 1,5/-GF, Linear pinning



Dimensions	[mm]
Solder pin length	3.4
Length l	7.25
Height h	9.2



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MCV 1,5/ 2-GF-5,08	1847615	50	19.28
3	MCV 1,5/ 3-GF-5,08	1847628	50	24.36
4	MCV 1,5/ 4-GF-5,08	1847631	50	29.44
5	MCV 1,5/ 5-GF-5,08	1847644	50	34.52
6	MCV 1,5/ 6-GF-5,08	1847657	50	39.6
7	MCV 1,5/ 7-GF-5,08	1847660	50	44.68
8	MCV 1,5/ 8-GF-5,08	1847673	50	49.76
9	MCV 1,5/ 9-GF-5,08	1847686	50	54.84
10	MCV 1,5/10-GF-5,08	1847699	50	59.92
11	MCV 1,5/11-GF-5,08	1847709	50	65
12	MCV 1,5/12-GF-5,08	1847712	50	70.08

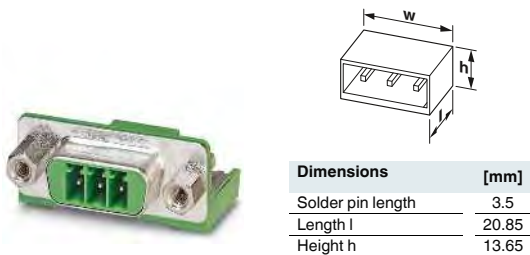


Technical data

Connection system / type of contact	MINI COMBICON / Male connector		
Locking	Threaded flange		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	8 / -	
Surge voltage category/degree of pollution		III / 3	III / 2
Rated insulation voltage	[V]	250	320
Rated surge voltage	[kV]	4	4
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 8	300 / 8
AWG		-	-
Approval data (CSA)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 8	300 / 8
AWG		-	-
General data			
Type of insulation material / insulation material group		PBT / IIIa	
Inflammability class in acc. with UL 94		V0	

PCB headers, Pitch: 3.5 mm

PSC 1,5/-M, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	20.85
Height h	13.65



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
3	PSC 1,5/ 3-M	1841857	50	32.1
5	PSC 1,5/ 5-M	1841899	50	39.1



Technical data

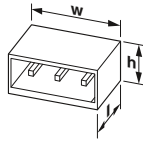
Connection system / type of contact	PSC / Male connector		
Locking	without		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	8 / -	
Surge voltage category/degree of pollution		III / 3	III / 2
Rated insulation voltage	[V]	250	320
Rated surge voltage	[kV]	4	4
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 8	300 / 8
AWG		-	-
Approval data (CSA)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 8	300 / 8
AWG		-	-
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

PCB connectors

Conductor cross section up to 1.5 mm² (AWG 16)

Feed-through header, Solder/Slip-on connection, Pitch: 3.81 mm

DFK-MC 1,5/-GF, Linear pinning



Dimensions	[mm]
Solder pin length	9.4
Length l	16.2
Height h	11



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DFK-MC 1,5/ 2-GF-3,81	1829345	50	22.01
3	DFK-MC 1,5/ 3-GF-3,81	1829358	50	25.82
4	DFK-MC 1,5/ 4-GF-3,81	1829361	50	29.63
5	DFK-MC 1,5/ 5-GF-3,81	1829374	50	33.44
6	DFK-MC 1,5/ 6-GF-3,81	1829387	50	37.25
7	DFK-MC 1,5/ 7-GF-3,81	1829390	50	41.06
8	DFK-MC 1,5/ 8-GF-3,81	1827596	50	44.87
9	DFK-MC 1,5/ 9-GF-3,81	1829400	50	48.68
10	DFK-MC 1,5/10-GF-3,81	1829413	50	52.49
11	DFK-MC 1,5/11-GF-3,81	1829426	50	56.3
12	DFK-MC 1,5/12-GF-3,81	1829439	50	60.11
13	DFK-MC 1,5/13-GF-3,81	1829442	50	63.92
14	DFK-MC 1,5/14-GF-3,81	1829455	50	67.73
15	DFK-MC 1,5/15-GF-3,81	1829468	50	71.54
16	DFK-MC 1,5/16-GF-3,81	1829471	50	75.35

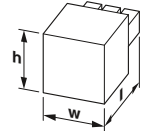


Technical data

Connection system / type of contact		MINI COMBICON / Male connector			
Locking		Threaded flange			
Electrical parameters					
Rated current / conductor cross section		[A] / [mm²]	8 / 1.5		
Surge voltage category/degree of pollution			III/3	III / 2	II / 2
Rated insulation voltage		[V]	160	160	320
Rated surge voltage		[kV]	2.5	2.5	2.5
Approval data (UL/CUL)					
Use Group			B	C	D
Nominal voltage/current		[V] / [A]	300 / 8	-	300 / 8
AWG			-	-	-
Approval data (CSA)					
Use Group			B	C	D
Nominal voltage/current		[V] / [A]	-	-	-
AWG			-	-	-
General data					
Type of insulation material / insulation material group			PA / I		
Inflammability class in acc. with UL 94			V0		

PCB plug, Screw connection with tension sleeve, Pitch: 3.5 mm

PSC 1,5/-F



Dimensions	[mm]
Length l	16
Height h	12.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
3	PSC 1,5/ 3-F	1841909	50	30.6
5	PSC 1,5/ 5-F	1841912	50	39.2

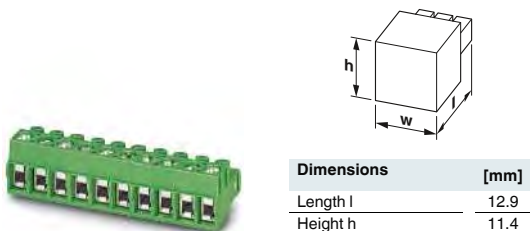


Technical data

Connection system / type of contact		PSC / Female connector	
Locking		without	
Connection capacity			
Solid / stranded	[mm²]	0.14 - 1.5 / 0.14 - 1.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 1.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 1.5	
2 conductors with same cross section solid / stranded	[mm²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-	
Conductor cross section AWG/kcmil		28 - 16	
Stripping length		-	
Tightening torque		0.22 - 0.25	
Electrical parameters			
Rated current / conductor cross section		8 / 1.5	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage		250	320 630
Rated surge voltage		4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current		300 / 8	- 300 / 8
AWG		30-14	- 30-14
Approval data (CSA)			
Use Group		B	C D
Nominal voltage/current		300 / 8	- 300 / 8
AWG		28-16	- 28-16
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

PCB plug, Screw connection with wire protector, Pitch: 5 mm

PT 1,5/...-PVH



Dimensions	[mm]
Length l	12.9
Height h	11.4



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PT 1,5/ 2-PVH-5,0	1934861	250	10
3	PT 1,5/ 3-PVH-5,0	1934874	250	15
4	PT 1,5/ 4-PVH-5,0	1934887	250	20
5	PT 1,5/ 5-PVH-5,0	1934890	100	25
6	PT 1,5/ 6-PVH-5,0	1934900	100	30
7	PT 1,5/ 7-PVH-5,0	1934913	100	35
8	PT 1,5/ 8-PVH-5,0	1934926	100	40
9	PT 1,5/ 9-PVH-5,0	1934939	100	45
10	PT 1,5/10-PVH-5,0	1934942	100	50
11	PT 1,5/11-PVH-5,0	1934955	50	55
12	PT 1,5/12-PVH-5,0	1934968	50	60
13	PT 1,5/13-PVH-5,0	1934971	50	65
14	PT 1,5/14-PVH-5,0	1934984	50	70
15	PT 1,5/15-PVH-5,0	1934997	50	75
16	PT 1,5/16-PVH-5,0	1935006	50	80

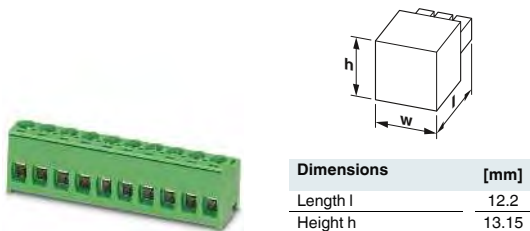


Technical data

Connection system / type of contact		COMBICON COMPACT PST 1,3 / Female connector without		
Locking				
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 0.75 / 0.2 - 0.75		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 0.34		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 0.75		
Conductor cross section AWG/kcmil		26 - 14		
Stripping length	[mm]	5		
Tightening torque	[Nm]	0.35 - 0.4		
Electrical parameters		12 / 2.5		
Rated current / conductor cross section	[A] / [mm ²]			
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	400	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		26-12	-	26-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 5 mm

PT 1,5/...-PH



Dimensions	[mm]
Length l	12.2
Height h	13.15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PT 1,5/ 2-PH-5,0	1755583	250	10
3	PT 1,5/ 3-PH-5,0	1755596	250	15
4	PT 1,5/ 4-PH-5,0	1755606	250	20
5	PT 1,5/ 5-PH-5,0	1755619	100	25
6	PT 1,5/ 6-PH-5,0	1755622	100	30
7	PT 1,5/ 7-PH-5,0	1755635	100	35
8	PT 1,5/ 8-PH-5,0	1755648	100	40
9	PT 1,5/ 9-PH-5,0	1755651	100	45
10	PT 1,5/10-PH-5,0	1755664	100	50
11	PT 1,5/11-PH-5,0	1755677	50	55
12	PT 1,5/12-PH-5,0	1755680	50	60
13	PT 1,5/13-PH-5,0	1755693	50	65
14	PT 1,5/14-PH-5,0	1755703	50	70
15	PT 1,5/15-PH-5,0	1755716	50	75
16	PT 1,5/16-PH-5,0	1755729	50	80



Technical data

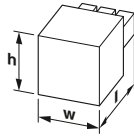
Connection system / type of contact		COMBICON COMPACT PST 1,3 / Female connector without		
Locking				
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		26 - 12		
Stripping length	[mm]	6		
Tightening torque	[Nm]	0.35 - 0.4		
Electrical parameters		10 / 2.5		
Rated current / conductor cross section	[A] / [mm ²]			
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	400	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		28-14	-	28-14
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 5	-	300 / 5
AWG		26-14	-	26-14
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 2.5 mm² (AWG 14)

PCB plug, Push-in spring connection, Pitch: 5 mm

PTS 1,5/...-PH



Dimensions	[mm]
Length l	12.8
Height h	11.7



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PTS 1,5/ 2-PH-5,0	1805517	250	10
3	PTS 1,5/ 3-PH-5,0	1805520	250	15
4	PTS 1,5/ 4-PH-5,0	1805533	250	20
5	PTS 1,5/ 5-PH-5,0	1805546	100	25
6	PTS 1,5/ 6-PH-5,0	1805559	100	30
7	PTS 1,5/ 7-PH-5,0	1805562	100	35
8	PTS 1,5/ 8-PH-5,0	1805575	100	40
9	PTS 1,5/ 9-PH-5,0	1805588	100	45
10	PTS 1,5/10-PH-5,0	1805591	100	50
11	PTS 1,5/11-PH-5,0	1805601	50	55
12	PTS 1,5/12-PH-5,0	1805614	50	60

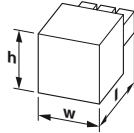


Technical data

Connection system / type of contact		COMBICON COMPACT PST 1,3 / Female connector		
		without		
Locking				
Connection capacity				
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 1.5		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-		
Conductor cross section AWG/kcmil		26 - 14		
Stripping length	[mm]	8		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	10 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	400	600
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 7	-	300 / 7
AWG		26-14	-	26-14
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 5 mm

PTS 1,5/...-PH CLIP



Dimensions	[mm]
Length l	15.21
Height h	14.25



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PTS 1,5/ 2-PH-5,0 CLIP	1848532	250	10
3	PTS 1,5/ 3-PH-5,0 CLIP	1848545	250	15
4	PTS 1,5/ 4-PH-5,0 CLIP	1848558	250	20
5	PTS 1,5/ 5-PH-5,0 CLIP	1848561	100	25
6	PTS 1,5/ 6-PH-5,0 CLIP	1848574	100	30
7	PTS 1,5/ 7-PH-5,0 CLIP	1848587	100	35
8	PTS 1,5/ 8-PH-5,0 CLIP	1848590	100	40
9	PTS 1,5/ 9-PH-5,0 CLIP	1848600	100	45
10	PTS 1,5/10-PH-5,0 CLIP	1848613	100	50
11	PTS 1,5/11-PH-5,0 CLIP	1848626	50	55
12	PTS 1,5/12-PH-5,0 CLIP	1848639	50	60

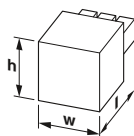


Technical data

Connection system / type of contact		COMBICON COMPACT PST 1,3 / Female connector		
Locking		-		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		26 - 14		
Stripping length	[mm]	8		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	10 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	400	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 7	-	300 / 7
AWG		26-14	-	26-14
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		-		

PCB plug, Push-in spring connection, Pitch: 5 mm

PTDA 2,5/...-PH



Dimensions	[mm]
Length l	20
Height h	16



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PTDA 2,5/ 2-PH-5,0	1725497	250	11.4
3	PTDA 2,5/ 3-PH-5,0	1725510	250	16.4
4	PTDA 2,5/ 4-PH-5,0	1725523	250	21.4
5	PTDA 2,5/ 5-PH-5,0	1725536	100	26.4
6	PTDA 2,5/ 6-PH-5,0	1725549	100	31.4
7	PTDA 2,5/ 7-PH-5,0	1725623	100	36.4
8	PTDA 2,5/ 8-PH-5,0	1725636	100	41.4
9	PTDA 2,5/ 9-PH-5,0	1725649	100	46.4
10	PTDA 2,5/10-PH-5,0	1725652	100	51.4
11	PTDA 2,5/11-PH-5,0	1725665	50	56.4
12	PTDA 2,5/12-PH-5,0	1725678	50	61.4
13	PTDA 2,5/13-PH-5,0	1725640	50	66.4
14	PTDA 2,5/14-PH-5,0	1725653	50	71.4
15	PTDA 2,5/15-PH-5,0	1725666	50	76.4
16	PTDA 2,5/16-PH-5,0	1725679	50	81.4

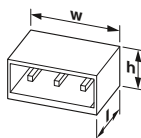


Technical data

Connection system / type of contact		COMBICON COMPACT PST 1,3 / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.5 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.5 - 1		
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.5 - 2.5		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1		
Conductor cross section AWG/kcmil		24 - 14		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	13.5 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	320	400	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 13.5	150 / 13.5	300 / 10
AWG		24-14	24-14	24-14
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Pin strip, Pitch: 5 mm

PST 1,3/...-H, Linear pinning



Dimensions	[mm]
Solder pin length	6.7
Length l	12.5
Height h	2.8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PST 1,3/ 2-H-5,0	1995635	250	10
3	PST 1,3/ 3-H-5,0	1705478	250	15
5	PST 1,3/ 5-H-5,0	1705494	100	25
4	PST 1,3/ 4-H-5,0	1705481	100	20
6	PST 1,3/ 6-H-5,0	1705504	100	30
7	PST 1,3/ 7-H-5,0	1717301	100	35
8	PST 1,3/ 8-H-5,0	1717314	100	40
9	PST 1,3/ 9-H-5,0	1717327	100	45
10	PST 1,3/10-H-5,0	1717330	100	50
11	PST 1,3/11-H-5,0	1717343	50	55
12	PST 1,3/12-H-5,0	1717356	50	60
13	PST 1,3/13-H-5,0	1717369	50	65
14	PST 1,3/14-H-5,0	1717372	50	70
15	PST 1,3/15-H-5,0	1717385	50	75
16	PST 1,3/16-H-5,0	1717398	50	80



Technical data

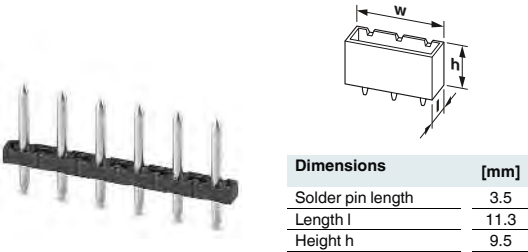
Connection system / type of contact	COMBICON COMPACT PST 1,3 / Male connector without		
Locking			
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	12 / -	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	250	320 400
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 16	- 300 / 10
AWG		-	- -
General data			
Type of insulation material / insulation material group		PA / IIIa	
Inflammability class in acc. with UL 94		V0	

PCB connectors

Conductor cross section up to 2.5 mm² (AWG 14)

Pin strip, Pitch: 5 mm

PST 1,3/...-V, Linear pinning



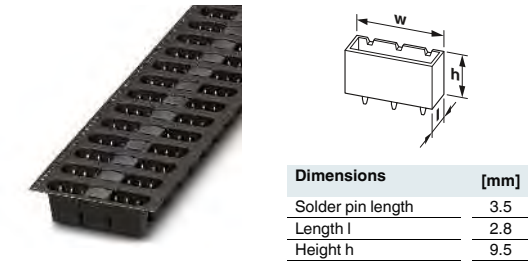
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PST 1,3/ 2-5,0	1933189	250	10
3	PST 1,3/ 3-5,0	1933192	250	15
4	PST 1,3/ 4-5,0	1933202	250	20
5	PST 1,3/ 5-5,0	1933215	250	25
6	PST 1,3/ 6-5,0	1933228	100	30
7	PST 1,3/ 7-5,0	1933231	100	35
8	PST 1,3/ 8-5,0	1933244	100	40
9	PST 1,3/ 9-5,0	1933257	100	45
10	PST 1,3/10-5,0	1933260	100	50
11	PST 1,3/11-5,0	1933273	100	55
12	PST 1,3/12-5,0	1933286	100	60
13	PST 1,3/13-5,0	1933299	50	65
14	PST 1,3/14-5,0	1933309	50	70
15	PST 1,3/15-5,0	1933312	50	75
16	PST 1,3/16-5,0	1933325	50	80



Technical data			
Connection system / type of contact		COMBICON COMPACT PST 1,3 / Male connector	
Locking		without	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	12 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	250	320
Rated surge voltage	[kV]	4	4
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 16	300 / 10
AWG		-	-
Approval data (CSA)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 5	300 / 5
AWG		-	-
General data			
Type of insulation material / insulation material group		PA / IIIa	
Inflammability class in acc. with UL 94		V0	

Pin strip, Pitch: 5 mm

PST 1,3/...-V, Linear pinning



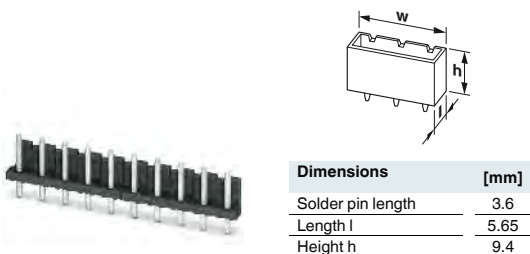
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PST 1,3/ 2-5,0 R24	1720301	330	9.6
3	PST 1,3/ 3-5,0 R24	1713169	330	14.6
4	PST 1,3/ 4-5,0 R56	1720314	250	19.6
5	PST 1,3/ 5-5,0 R56	1720327	250	24.6
6	PST 1,3/ 6-5,0 R56	1720330	250	29.6
7	PST 1,3/ 7-5,0 R56	1720343	250	34.6
8	PST 1,3/ 8-5,0 R56	1720356	250	39.6
9	PST 1,3/ 9-5,0 R72	1845564	250	44.6



Technical data			
Connection system / type of contact		COMBICON COMPACT PST 1,3 / Male connector	
Locking		without	
Electrical parameters			
Rated current / conductor cross section		12 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage		250	320
Rated surge voltage		4	4
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current		300 / 16	300 / 10
AWG		-	-
Approval data (CSA)			
Use Group		B	C
Nominal voltage/current		300 / 5	300 / 5
AWG		-	-
General data			
Type of insulation material / insulation material group		PA / IIIa	
Inflammability class in acc. with UL 94		V0	

Pin strip, Pitch: 5 mm

PST 1,3/...-SF, Linear pinning



Dimensions	[mm]
Solder pin length	3.6
Length l	5.65
Height h	9.4

ERC VDE CB

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PST 1,3/ 2-5,0-SF	1805627	250	9.8
3	PST 1,3/ 3-5,0-SF	1805630	250	14.8
4	PST 1,3/ 4-5,0-SF	1805643	250	19.8
5	PST 1,3/ 5-5,0-SF	1805656	100	24.8
6	PST 1,3/ 6-5,0-SF	1805669	100	29.8
7	PST 1,3/ 7-5,0-SF	1805672	100	34.8
8	PST 1,3/ 8-5,0-SF	1805685	100	39.8

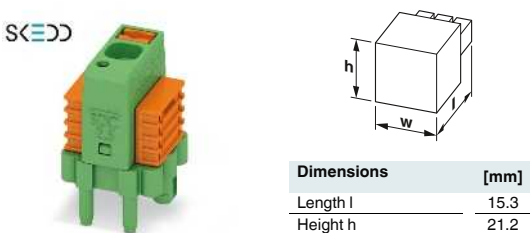


Technical data

Connection system / type of contact	COMBICON COMPACT PST 1,3 / Male connector without		
Locking			
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	12 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	250	320
Rated surge voltage	[kV]	4	4
General data			
Type of insulation material / insulation material group	PA / IIIa		
Inflammability class in acc. with UL 94	V0		

PCB direct plug, Push-in spring connection, Pitch: 5 mm

SDC 2,5/...-PV, Zigzag pinning W



Dimensions	[mm]
Length l	15.3
Height h	21.2

UL VDE CB

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	SDC 2,5/ 1-PV-5,0-ZB	1864024	50	13.18
2	SDC 2,5/ 2-PV-5,0-ZB	1864037	50	18.18
3	SDC 2,5/ 3-PV-5,0-ZB	1864040	50	23.18
4	SDC 2,5/ 4-PV-5,0-ZB	1864053	50	28.18
5	SDC 2,5/ 5-PV-5,0-ZB	1864066	50	33.18
6	SDC 2,5/ 6-PV-5,0-ZB	1864079	50	38.18
7	SDC 2,5/ 7-PV-5,0-ZB	1864082	50	43.18
8	SDC 2,5/ 8-PV-5,0-ZB	1864095	50	48.18
9	SDC 2,5/ 9-PV-5,0-ZB	1864105	50	53.18
10	SDC 2,5/10-PV-5,0-ZB	1864118	50	58.18
11	SDC 2,5/11-PV-5,0-ZB	1864121	50	63.18
12	SDC 2,5/12-PV-5,0-ZB	1864134	50	68.18
13	SDC 2,5/13-PV-5,0-ZB	1864147	50	73.18
14	SDC 2,5/14-PV-5,0-ZB	1864150	50	78.18
15	SDC 2,5/15-PV-5,0-ZB	1864163	50	83.18
16	SDC 2,5/16-PV-5,0-ZB	1864176	50	88.18



Technical data

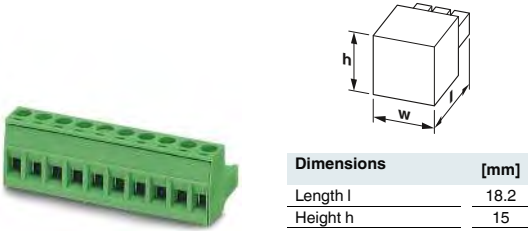
Connection system / type of contact		- / -		
Locking		-		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	10		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	200	320	320
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 12	600 / 12	300 / 10
AWG		24-12	24-12	24-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		-		

PCB connectors

Conductor cross section up to 2.5 mm² (AWG 14)

PCB plug, Screw connection with tension sleeve, Pitch: 5 mm

MSTB 2,5/...-ST



Dimensions	[mm]
Length l	18.2
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MSTB 2,5/ 2-ST	1754449	100	10
3	MSTB 2,5/ 3-ST	1754465	100	15
4	MSTB 2,5/ 4-ST	1754481	100	20
5	MSTB 2,5/ 5-ST	1754504	100	25
6	MSTB 2,5/ 6-ST	1754520	50	30
7	MSTB 2,5/ 7-ST	1754546	50	35
8	MSTB 2,5/ 8-ST	1754562	50	40
9	MSTB 2,5/ 9-ST	1754588	50	45
10	MSTB 2,5/10-ST	1754601	50	50
11	MSTB 2,5/11-ST	1754627	50	55
12	MSTB 2,5/12-ST	1754643	50	60
13	MSTB 2,5/13-ST	1754669	50	65
14	MSTB 2,5/14-ST	1754685	50	70
15	MSTB 2,5/15-ST	1754708	50	75
16	MSTB 2,5/16-ST	1754724	50	80
17	MSTB 2,5/17-ST	1754740	50	85
18	MSTB 2,5/18-ST	1754766	50	90
19	MSTB 2,5/19-ST	1754782	50	95
20	MSTB 2,5/20-ST	1754805	50	100
21	MSTB 2,5/21-ST	1754821	50	105
22	MSTB 2,5/22-ST	1754847	50	110
23	MSTB 2,5/23-ST	1754863	50	115
24	MSTB 2,5/24-ST	1754889	50	120

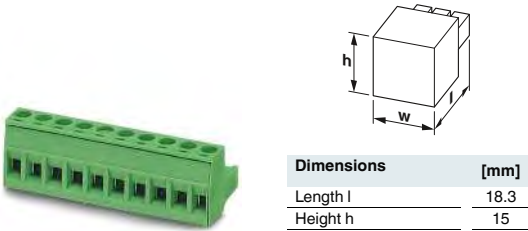


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque		[Nm] 0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	II / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	150 / 15
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		28-12	-	28-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 5.08 mm

MSTB 2,5/...-ST



Dimensions	[mm]
Length l	18.3
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MSTB 2,5/ 2-ST-5,08	1757019	100	10.16
3	MSTB 2,5/ 3-ST-5,08	1757022	100	15.24
4	MSTB 2,5/ 4-ST-5,08	1757035	100	20.32
5	MSTB 2,5/ 5-ST-5,08	1757048	100	25.4
6	MSTB 2,5/ 6-ST-5,08	1757051	50	30.48
7	MSTB 2,5/ 7-ST-5,08	1757064	50	35.56
8	MSTB 2,5/ 8-ST-5,08	1757077	50	40.64
9	MSTB 2,5/ 9-ST-5,08	1757080	50	45.72
10	MSTB 2,5/10-ST-5,08	1757093	50	50.8
11	MSTB 2,5/11-ST-5,08	1757103	50	55.88
12	MSTB 2,5/12-ST-5,08	1757116	50	60.96
13	MSTB 2,5/13-ST-5,08	1757129	50	66.04
14	MSTB 2,5/14-ST-5,08	1757132	50	71.12
15	MSTB 2,5/15-ST-5,08	1757145	50	76.2
16	MSTB 2,5/16-ST-5,08	1757158	50	81.28
17	MSTB 2,5/17-ST-5,08	1757161	50	86.36
18	MSTB 2,5/18-ST-5,08	1757174	50	91.44
19	MSTB 2,5/19-ST-5,08	1757187	50	96.52
20	MSTB 2,5/20-ST-5,08	1757190	50	101.6
21	MSTB 2,5/21-ST-5,08	1757200	50	106.68
22	MSTB 2,5/22-ST-5,08	1757213	50	111.76
23	MSTB 2,5/23-ST-5,08	1757226	50	116.84
24	MSTB 2,5/24-ST-5,08	1757239	50	121.92

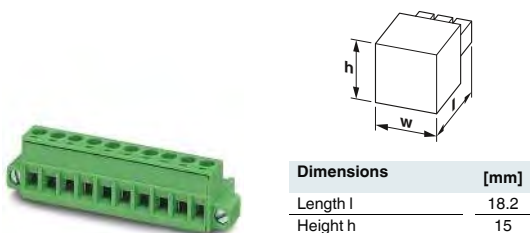


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	150 / 15
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		28-12	-	28-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 5 mm

MSTB 2,5/...-STF



Dimensions	[mm]
Length l	18.2
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MSTB 2,5/ 2-STF	1786831	100	20.01
3	MSTB 2,5/ 3-STF	1786844	100	25.01
4	MSTB 2,5/ 4-STF	1786857	100	30.01
5	MSTB 2,5/ 5-STF	1786860	100	35.01
6	MSTB 2,5/ 6-STF	1786873	50	40.01
7	MSTB 2,5/ 7-STF	1786886	50	45.01
8	MSTB 2,5/ 8-STF	1786899	50	50.01
9	MSTB 2,5/ 9-STF	1786909	50	55.01
10	MSTB 2,5/10-STF	1786912	50	60.01
11	MSTB 2,5/11-STF	1786925	50	65.01
12	MSTB 2,5/12-STF	1786938	50	70.01
13	MSTB 2,5/13-STF	1786941	50	75.01
14	MSTB 2,5/14-STF	1786954	50	80.01
15	MSTB 2,5/15-STF	1786967	50	85.01
16	MSTB 2,5/16-STF	1786970	50	90.01
17	MSTB 2,5/17-STF	1786983	50	95.01
18	MSTB 2,5/18-STF	1786996	50	100.01
19	MSTB 2,5/19-STF	1787005	50	105.01
20	MSTB 2,5/20-STF	1787018	50	110.01

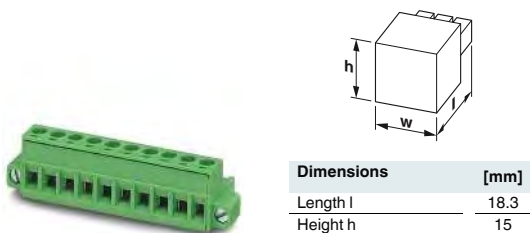


Technical data

Connection system / type of contact	CLASSIC COMBICON / Female connector		
Locking	Screw flange		
Connection capacity			
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5	
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5	
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5	
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1 / 0.2 - 1.5	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5	
Conductor cross section AWG/kcmil		24 - 12	
Stripping length	[mm]	7	
Tightening torque	[Nm]	0.5 - 0.6	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5	
Surge voltage category/degree of pollution		III/3	II / 2
Rated insulation voltage	[V]	250	630
Rated surge voltage	[kV]	4	4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 15	150 / 15
AWG		30-12	30-12
Approval data (CSA)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 15	300 / 10
AWG		28-12	28-12
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

PCB plug, Screw connection with tension sleeve, Pitch: 5.08 mm

MSTB 2,5/...-STF



Dimensions	[mm]
Length l	18.3
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MSTB 2,5/ 2-STF-5,08	1777989	100	20.17
3	MSTB 2,5/ 3-STF-5,08	1777992	100	25.25
4	MSTB 2,5/ 4-STF-5,08	1778001	100	30.33
5	MSTB 2,5/ 5-STF-5,08	1778014	100	35.41
6	MSTB 2,5/ 6-STF-5,08	1778027	50	40.49
7	MSTB 2,5/ 7-STF-5,08	1778030	50	45.57
8	MSTB 2,5/ 8-STF-5,08	1778043	50	50.65
9	MSTB 2,5/ 9-STF-5,08	1778056	50	55.73
10	MSTB 2,5/10-STF-5,08	1778069	50	60.81
11	MSTB 2,5/11-STF-5,08	1778072	50	65.89
12	MSTB 2,5/12-STF-5,08	1778085	50	70.97
13	MSTB 2,5/13-STF-5,08	1778098	50	76.05
14	MSTB 2,5/14-STF-5,08	1778108	50	81.13
15	MSTB 2,5/15-STF-5,08	1778111	50	86.21
16	MSTB 2,5/16-STF-5,08	1778124	50	91.29
17	MSTB 2,5/17-STF-5,08	1778137	50	96.37
18	MSTB 2,5/18-STF-5,08	1778140	50	101.45
19	MSTB 2,5/19-STF-5,08	1778153	50	106.53
20	MSTB 2,5/20-STF-5,08	1778166	50	111.61



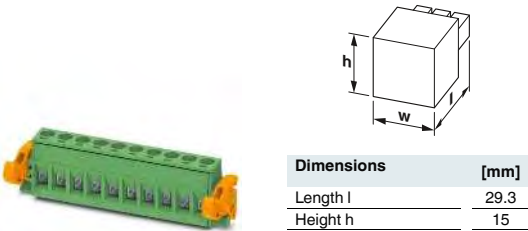
Technical data

Connection system / type of contact	CLASSIC COMBICON / Female connector		
Locking	Screw flange		
Connection capacity			
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5	
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5	
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5	
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1 / 0.2 - 1.5	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5	
Conductor cross section AWG/kcmil		24 - 12	
Stripping length	[mm]	7	
Tightening torque	[Nm]	0.5 - 0.6	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5	
Surge voltage category/degree of pollution		III/3	II / 2
Rated insulation voltage	[V]	250	630
Rated surge voltage	[kV]	4	4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 15	150 / 15
AWG		30-12	30-12
Approval data (CSA)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 15	300 / 10
AWG		28-12	28-12
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

PCB connectors
Conductor cross section up to 2.5 mm² (AWG 14)

PCB plug, Screw connection with tension sleeve, Pitch: 5.08 mm

MSTB 2,5/...-ST-LR



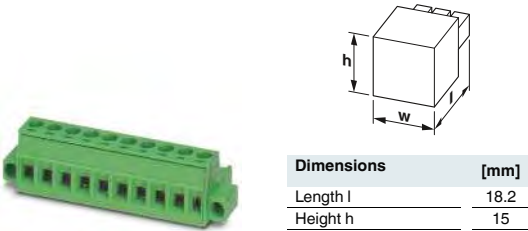
Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2 to 20.



Technical data table for MSTB 2,5/...-ST-LR. Includes connection system, locking, connection capacity, electrical parameters, and approval data.

PCB plug, Screw connection with tension sleeve, Pitch: 5.08 mm

MSTB 2,5/...-STF-EX



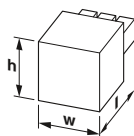
Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2 to 12.



Technical data table for MSTB 2,5/...-STF-EX. Includes connection system, locking, connection capacity, electrical parameters, and approval data.

PCB plug, Screw connection with tension sleeve, Pitch: 5.08 mm

MSTB 2,5/...-STZ



Dimensions	[mm]
Length l	54.3
Height h	15.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MSTB 2,5/ 2-STZ-5,08	1709791	50	10.16
3	MSTB 2,5/ 3-STZ-5,08	1776168	50	15.24
4	MSTB 2,5/ 4-STZ-5,08	1776155	50	20.32
5	MSTB 2,5/ 5-STZ-5,08	1776142	50	25.4
6	MSTB 2,5/ 6-STZ-5,08	1776126	50	30.48
7	MSTB 2,5/ 7-STZ-5,08	1776113	50	35.56
8	MSTB 2,5/ 8-STZ-5,08	1764235	50	40.64
9	MSTB 2,5/ 9-STZ-5,08	1764316	50	45.72
10	MSTB 2,5/10-STZ-5,08	1764303	50	50.8
11	MSTB 2,5/11-STZ-5,08	1764293	50	55.88
12	MSTB 2,5/12-STZ-5,08	1764280	50	60.96
13	MSTB 2,5/13-STZ-5,08	1764277	50	66.04
14	MSTB 2,5/14-STZ-5,08	1764264	50	71.12
15	MSTB 2,5/15-STZ-5,08	1764251	50	76.2
16	MSTB 2,5/16-STZ-5,08	1764248	50	81.28

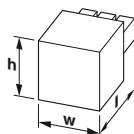


Technical data

Connection system / type of contact	CLASSIC COMBICON / Female connector		
Locking	without		
Connection capacity			
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5	
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5	
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5	
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1 / 0.2 - 1.5	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5	
Conductor cross section AWG/kcmil		24 - 12	
Stripping length	[mm]	7	
Tightening torque	[Nm]	0.5 - 0.6	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	250	320
Rated surge voltage	[kV]	4	4
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	250 / 12	300 / 10
AWG		30-12	30-12
Approval data (CSA)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 15	300 / 10
AWG		28-12	28-12
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

PCB plug, Screw connection with tension sleeve, Pitch: 5 mm

MSTBP 2,5/...-ST



Dimensions	[mm]
Length l	21.3
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MSTBP 2,5/ 2-ST	1765771	50	10
3	MSTBP 2,5/ 3-ST	1765784	50	15
4	MSTBP 2,5/ 4-ST	1765797	50	20
5	MSTBP 2,5/ 5-ST	1765807	50	25
6	MSTBP 2,5/ 6-ST	1765810	50	30
7	MSTBP 2,5/ 7-ST	1765823	50	35
8	MSTBP 2,5/ 8-ST	1765836	50	40
9	MSTBP 2,5/ 9-ST	1765849	50	45
10	MSTBP 2,5/10-ST	1765852	50	50
11	MSTBP 2,5/11-ST	1765865	50	55
12	MSTBP 2,5/12-ST	1765878	50	60
13	MSTBP 2,5/13-ST	1765881	50	65
14	MSTBP 2,5/14-ST	1765894	50	70
15	MSTBP 2,5/15-ST	1765904	50	75
16	MSTBP 2,5/16-ST	1765917	50	80
17	MSTBP 2,5/17-ST	1765920	50	85
18	MSTBP 2,5/18-ST	1765933	50	90
19	MSTBP 2,5/19-ST	1765946	50	95
20	MSTBP 2,5/20-ST	1765959	50	100
21	MSTBP 2,5/21-ST	1765962	50	105
22	MSTBP 2,5/22-ST	1765975	50	110
23	MSTBP 2,5/23-ST	1765988	50	115
24	MSTBP 2,5/24-ST	1765991	50	120



Technical data

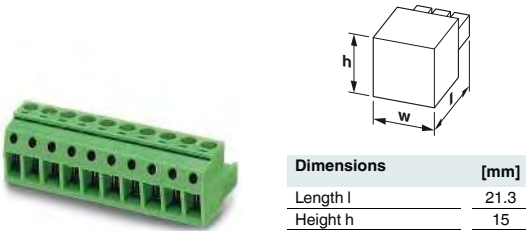
Connection system / type of contact	CLASSIC COMBICON / Female connector		
Locking	without		
Connection capacity			
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5	
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5	
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5	
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1 / 0.2 - 1.5	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5	
Conductor cross section AWG/kcmil		24 - 12	
Stripping length	[mm]	7	
Tightening torque	[Nm]	0.5 - 0.6	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	250	320
Rated surge voltage	[kV]	4	4
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 15	300 / 10
AWG		30-12	30-12
Approval data (CSA)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 10	300 / 10
AWG		28-12	28-12
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

PCB connectors

Conductor cross section up to 2.5 mm² (AWG 14)

PCB plug, Screw connection with tension sleeve, Pitch: 5.08 mm

MSTBP 2,5/...ST



Dimensions	[mm]
Length l	21.3
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MSTBP 2,5/ 2-ST-5,08	1769010	50	10.16
3	MSTBP 2,5/ 3-ST-5,08	1769023	50	15.24
4	MSTBP 2,5/ 4-ST-5,08	1769036	50	20.32
5	MSTBP 2,5/ 5-ST-5,08	1769049	50	25.4
6	MSTBP 2,5/ 6-ST-5,08	1769052	50	30.48
7	MSTBP 2,5/ 7-ST-5,08	1769065	50	35.56
8	MSTBP 2,5/ 8-ST-5,08	1769078	50	40.64
9	MSTBP 2,5/ 9-ST-5,08	1769081	50	45.72
10	MSTBP 2,5/10-ST-5,08	1769094	50	50.8
11	MSTBP 2,5/11-ST-5,08	1769104	50	55.88
12	MSTBP 2,5/12-ST-5,08	1769117	50	60.96
13	MSTBP 2,5/13-ST-5,08	1769120	50	66.04
14	MSTBP 2,5/14-ST-5,08	1769133	50	71.12
15	MSTBP 2,5/15-ST-5,08	1769146	50	76.2
16	MSTBP 2,5/16-ST-5,08	1769159	50	81.28
17	MSTBP 2,5/17-ST-5,08	1769162	50	86.36
18	MSTBP 2,5/18-ST-5,08	1769175	50	91.44
19	MSTBP 2,5/19-ST-5,08	1769188	50	96.52
20	MSTBP 2,5/20-ST-5,08	1769191	50	101.6
21	MSTBP 2,5/21-ST-5,08	1769201	20	106.68
22	MSTBP 2,5/22-ST-5,08	1769214	50	111.76
23	MSTBP 2,5/23-ST-5,08	1769227	50	116.84
24	MSTBP 2,5/24-ST-5,08	1769696	50	121.92

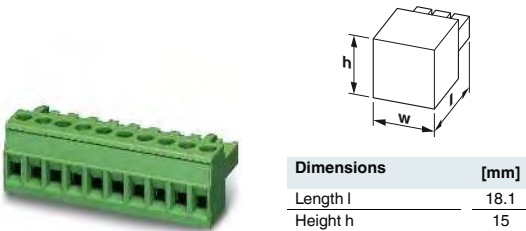


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque [Nm]		0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		28-12	-	28-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 5 mm

MSTBT 2,5/...ST



Dimensions	[mm]
Length l	18.1
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MSTBT 2,5/ 2-ST	1779835	100	10
3	MSTBT 2,5/ 3-ST	1779848	100	15
4	MSTBT 2,5/ 4-ST	1779851	100	20
5	MSTBT 2,5/ 5-ST	1779864	100	25
6	MSTBT 2,5/ 6-ST	1779877	50	30
7	MSTBT 2,5/ 7-ST	1779880	50	35
8	MSTBT 2,5/ 8-ST	1779893	50	40
9	MSTBT 2,5/ 9-ST	1779903	50	45
10	MSTBT 2,5/10-ST	1779916	50	50
11	MSTBT 2,5/11-ST	1779929	50	55
12	MSTBT 2,5/12-ST	1779932	50	60
13	MSTBT 2,5/13-ST	1779945	50	65
14	MSTBT 2,5/14-ST	1779958	50	70
15	MSTBT 2,5/15-ST	1779961	50	75
16	MSTBT 2,5/16-ST	1779974	50	80
17	MSTBT 2,5/17-ST	1919695	50	85
18	MSTBT 2,5/18-ST	1919705	50	90

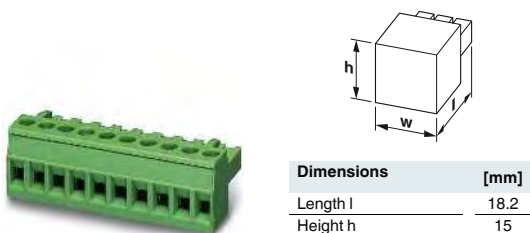


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		28-12	-	28-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 5.08 mm

MSTBT 2,5/...-ST



Dimensions	[mm]
Length l	18.2
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MSTBT 2,5/ 2-ST-5,08	1779987	100	10.16
3	MSTBT 2,5/ 3-ST-5,08	1779990	100	15.24
4	MSTBT 2,5/ 4-ST-5,08	1780002	100	20.32
5	MSTBT 2,5/ 5-ST-5,08	1781014	100	25.4
6	MSTBT 2,5/ 6-ST-5,08	1781027	50	30.48
7	MSTBT 2,5/ 7-ST-5,08	1781030	50	35.56
8	MSTBT 2,5/ 8-ST-5,08	1781043	50	40.64
9	MSTBT 2,5/ 9-ST-5,08	1734207	50	45.72
10	MSTBT 2,5/10-ST-5,08	1781069	50	50.8
11	MSTBT 2,5/11-ST-5,08	1781072	50	55.88
12	MSTBT 2,5/12-ST-5,08	1781085	50	60.96
13	MSTBT 2,5/13-ST-5,08	1781098	50	66.04
14	MSTBT 2,5/14-ST-5,08	1781108	50	71.12
15	MSTBT 2,5/15-ST-5,08	1781111	50	76.2
16	MSTBT 2,5/16-ST-5,08	1781124	50	81.28
17	MSTBT 2,5/17-ST-5,08	1919886	50	86.36
18	MSTBT 2,5/18-ST-5,08	1919899	50	91.44

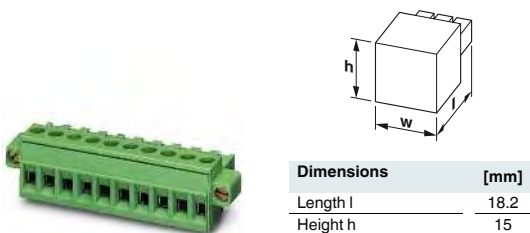


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		28-12	-	28-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 5 mm

MSTBT 2,5/...-STF



Dimensions	[mm]
Length l	18.2
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MSTBT 2,5/ 2-STF	1919718	50	19.8
3	MSTBT 2,5/ 3-STF	1919721	50	24.8
4	MSTBT 2,5/ 4-STF	1919734	50	29.8
5	MSTBT 2,5/ 5-STF	1919747	50	34.8
6	MSTBT 2,5/ 6-STF	1919750	50	39.8
7	MSTBT 2,5/ 7-STF	1919763	50	44.8
8	MSTBT 2,5/ 8-STF	1919776	50	49.8
9	MSTBT 2,5/ 9-STF	1919789	50	54.8
10	MSTBT 2,5/10-STF	1919792	50	59.8
11	MSTBT 2,5/11-STF	1919802	50	64.8
12	MSTBT 2,5/12-STF	1919815	50	69.8
13	MSTBT 2,5/13-STF	1919828	50	74.8
14	MSTBT 2,5/14-STF	1919831	50	79.8
15	MSTBT 2,5/15-STF	1919844	50	84.8
16	MSTBT 2,5/16-STF	1919857	50	89.8
17	MSTBT 2,5/17-STF	1919860	50	94.8
18	MSTBT 2,5/18-STF	1919873	50	99.8



Technical data

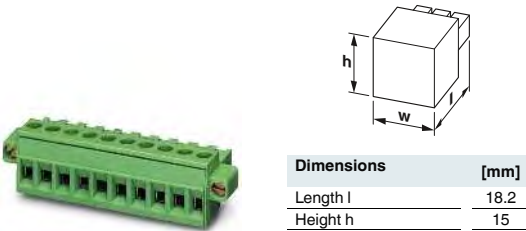
Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		28-12	-	28-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V2		

PCB connectors

Conductor cross section up to 2.5 mm² (AWG 14)

PCB plug, Screw connection with tension sleeve, Pitch: 5.08 mm

MSTBT 2,5/...STF



Dimensions	[mm]
Length l	18.2
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MSTBT 2,5/ 2-STF-5,08	1805301	50	19.96
3	MSTBT 2,5/ 3-STF-5,08	1805314	50	25.04
4	MSTBT 2,5/ 4-STF-5,08	1805327	50	30.12
5	MSTBT 2,5/ 5-STF-5,08	1805330	50	35.2
6	MSTBT 2,5/ 6-STF-5,08	1805343	50	40.28
7	MSTBT 2,5/ 7-STF-5,08	1805356	50	45.36
8	MSTBT 2,5/ 8-STF-5,08	1804661	50	50.44
9	MSTBT 2,5/ 9-STF-5,08	1805369	50	55.52
10	MSTBT 2,5/10-STF-5,08	1805372	50	60.6
11	MSTBT 2,5/11-STF-5,08	1805385	50	65.68
12	MSTBT 2,5/12-STF-5,08	1805398	50	70.76
13	MSTBT 2,5/13-STF-5,08	1805408	50	75.84
14	MSTBT 2,5/14-STF-5,08	1805411	50	80.92
15	MSTBT 2,5/15-STF-5,08	1805424	50	86
16	MSTBT 2,5/16-STF-5,08	1805437	50	91.08
17	MSTBT 2,5/17-STF-5,08	1919909	50	96.16
18	MSTBT 2,5/18-STF-5,08	1919912	50	101.24

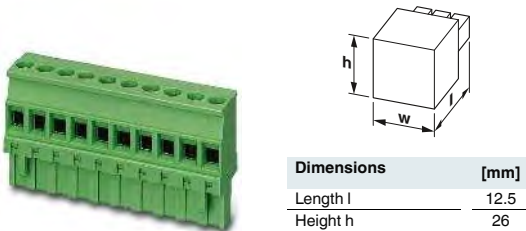


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		28-12	-	28-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 5 mm

MVSTBR 2,5/...ST



Dimensions	[mm]
Length l	12.5
Height h	26



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MVSTBR 2,5/ 2-ST	1792016	100	10
3	MVSTBR 2,5/ 3-ST	1792029	100	15
4	MVSTBR 2,5/ 4-ST	1792032	100	20
5	MVSTBR 2,5/ 5-ST	1792045	100	25
6	MVSTBR 2,5/ 6-ST	1792058	50	30
7	MVSTBR 2,5/ 7-ST	1792061	50	35
8	MVSTBR 2,5/ 8-ST	1792074	50	40
9	MVSTBR 2,5/ 9-ST	1792087	50	45
10	MVSTBR 2,5/10-ST	1792090	50	50
11	MVSTBR 2,5/11-ST	1792100	50	55
12	MVSTBR 2,5/12-ST	1792113	50	60
13	MVSTBR 2,5/13-ST	1792126	50	65
14	MVSTBR 2,5/14-ST	1792139	50	70
15	MVSTBR 2,5/15-ST	1792142	50	75
16	MVSTBR 2,5/16-ST	1792155	50	80
17	MVSTBR 2,5/17-ST	1792168	50	85
18	MVSTBR 2,5/18-ST	1792171	50	90
19	MVSTBR 2,5/19-ST	1792184	50	95
20	MVSTBR 2,5/20-ST	1792197	50	100
21	MVSTBR 2,5/21-ST	1792207	50	105
22	MVSTBR 2,5/22-ST	1792210	50	110
23	MVSTBR 2,5/23-ST	1792223	50	115
24	MVSTBR 2,5/24-ST	1792236	50	120

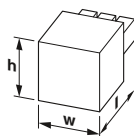


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		28-12	-	28-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 5.08 mm

MVSTBR 2,5/...-ST



Dimensions	[mm]
Length l	17.7
Height h	26



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MVSTBR 2,5/ 2-ST-5,08	1792249	100	10.16
3	MVSTBR 2,5/ 3-ST-5,08	1792252	100	15.24
4	MVSTBR 2,5/ 4-ST-5,08	1792265	100	20.32
5	MVSTBR 2,5/ 5-ST-5,08	1792278	100	25.4
6	MVSTBR 2,5/ 6-ST-5,08	1792281	50	30.48
7	MVSTBR 2,5/ 7-ST-5,08	1792294	50	35.56
8	MVSTBR 2,5/ 8-ST-5,08	1792304	50	40.64
9	MVSTBR 2,5/ 9-ST-5,08	1792317	50	45.72
10	MVSTBR 2,5/10-ST-5,08	1792320	50	50.8
11	MVSTBR 2,5/11-ST-5,08	1792333	50	55.88
12	MVSTBR 2,5/12-ST-5,08	1792346	50	60.96
13	MVSTBR 2,5/13-ST-5,08	1792359	50	66.04
14	MVSTBR 2,5/14-ST-5,08	1792362	50	71.12
15	MVSTBR 2,5/15-ST-5,08	1792375	50	76.2
16	MVSTBR 2,5/16-ST-5,08	1792388	50	81.28
17	MVSTBR 2,5/17-ST-5,08	1792391	50	86.36
18	MVSTBR 2,5/18-ST-5,08	1792401	50	91.44
19	MVSTBR 2,5/19-ST-5,08	1792414	50	96.52
20	MVSTBR 2,5/20-ST-5,08	1792427	50	101.6
21	MVSTBR 2,5/21-ST-5,08	1792430	50	106.68
22	MVSTBR 2,5/22-ST-5,08	1792443	50	111.76
23	MVSTBR 2,5/23-ST-5,08	1792456	50	116.84
24	MVSTBR 2,5/24-ST-5,08	1792469	50	121.92

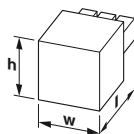


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III/2	II/2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		28-12	-	28-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 5 mm

MVSTBR 2,5/...-STF



Dimensions	[mm]
Length l	12.6
Height h	26



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MVSTBR 2,5/ 2-STF	1835478	50	20
3	MVSTBR 2,5/ 3-STF	1835481	50	25
4	MVSTBR 2,5/ 4-STF	1835494	50	30
5	MVSTBR 2,5/ 5-STF	1835504	50	35
6	MVSTBR 2,5/ 6-STF	1835517	50	40
7	MVSTBR 2,5/ 7-STF	1835520	50	45
8	MVSTBR 2,5/ 8-STF	1835533	50	50
9	MVSTBR 2,5/ 9-STF	1835546	50	55
10	MVSTBR 2,5/10-STF	1835559	50	60
11	MVSTBR 2,5/11-STF	1835562	50	65
12	MVSTBR 2,5/12-STF	1835575	50	70
13	MVSTBR 2,5/13-STF	1835588	50	75
14	MVSTBR 2,5/14-STF	1835591	50	80
15	MVSTBR 2,5/15-STF	1835601	50	85
16	MVSTBR 2,5/16-STF	1835614	50	90
17	MVSTBR 2,5/17-STF	1835627	50	95
18	MVSTBR 2,5/18-STF	1835630	50	100
19	MVSTBR 2,5/19-STF	1835643	50	105
20	MVSTBR 2,5/20-STF	1835656	50	110



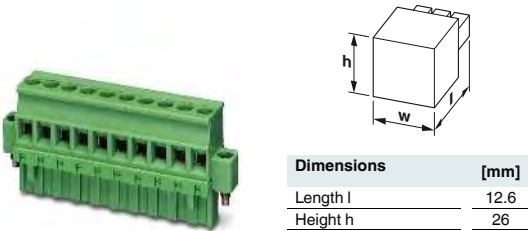
Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III/2	II/2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		28-12	-	28-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors
Conductor cross section up to 2.5 mm² (AWG 14)

PCB plug, Screw connection with tension sleeve, Pitch: 5.08 mm

MVSTBR 2,5/...-STF



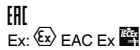
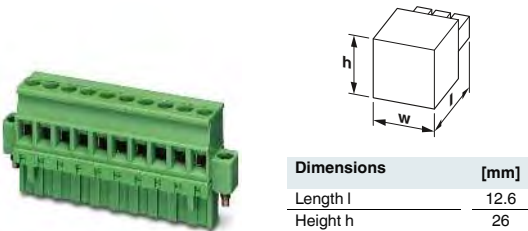
Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2 to 20.



Technical data table for MVSTBR 2,5/...-STF. Includes connection system, locking, connection capacity, electrical parameters, and approval data.

PCB plug, Screw connection with tension sleeve, Pitch: 5.08 mm

MVSTBR 2,5/...-STF-EX



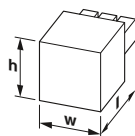
Ordering data table for MVSTBR 2,5/...-STF-EX. Includes columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2 to 12.



Technical data table for MVSTBR 2,5/...-STF-EX. Includes connection system, locking, connection capacity, electrical parameters, and approval data.

PCB plug, Screw connection with tension sleeve, Pitch: 5 mm

MVSTBW 2,5/...-ST



Dimensions	[mm]
Length l	12.5
Height h	26



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MVSTBW 2,5/ 2-ST	1792524	100	10
3	MVSTBW 2,5/ 3-ST	1792537	100	15
4	MVSTBW 2,5/ 4-ST	1792540	100	20
5	MVSTBW 2,5/ 5-ST	1792553	100	25
6	MVSTBW 2,5/ 6-ST	1792566	50	30
7	MVSTBW 2,5/ 7-ST	1792579	50	35
8	MVSTBW 2,5/ 8-ST	1792582	50	40
9	MVSTBW 2,5/ 9-ST	1792595	50	45
10	MVSTBW 2,5/10-ST	1792605	50	50
11	MVSTBW 2,5/11-ST	1792618	50	55
12	MVSTBW 2,5/12-ST	1792621	50	60
13	MVSTBW 2,5/13-ST	1792634	50	65
14	MVSTBW 2,5/14-ST	1792647	50	70
15	MVSTBW 2,5/15-ST	1792650	50	75
16	MVSTBW 2,5/16-ST	1792663	50	80
17	MVSTBW 2,5/17-ST	1792676	50	85
18	MVSTBW 2,5/18-ST	1792689	50	90
19	MVSTBW 2,5/19-ST	1792692	50	95
20	MVSTBW 2,5/20-ST	1792702	50	100
21	MVSTBW 2,5/21-ST	1792715	50	105
22	MVSTBW 2,5/22-ST	1792728	50	110
23	MVSTBW 2,5/23-ST	1792731	50	115
24	MVSTBW 2,5/24-ST	1792744	50	120

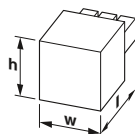


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III/2	II/2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		28-12	-	28-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 5.08 mm

MVSTBW 2,5/...-ST



Dimensions	[mm]
Length l	12.5
Height h	26



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MVSTBW 2,5/ 2-ST-5,08	1792757	100	10.16
3	MVSTBW 2,5/ 3-ST-5,08	1792760	100	15.24
4	MVSTBW 2,5/ 4-ST-5,08	1792773	100	20.32
5	MVSTBW 2,5/ 5-ST-5,08	1792786	100	25.4
6	MVSTBW 2,5/ 6-ST-5,08	1792799	50	30.48
7	MVSTBW 2,5/ 7-ST-5,08	1792809	50	35.56
8	MVSTBW 2,5/ 8-ST-5,08	1792812	50	40.64
9	MVSTBW 2,5/ 9-ST-5,08	1792825	50	45.72
10	MVSTBW 2,5/10-ST-5,08	1792838	50	50.8
11	MVSTBW 2,5/11-ST-5,08	1792841	50	55.88
12	MVSTBW 2,5/12-ST-5,08	1792854	50	60.96
13	MVSTBW 2,5/13-ST-5,08	1792867	50	66.04
14	MVSTBW 2,5/14-ST-5,08	1792870	50	71.12
15	MVSTBW 2,5/15-ST-5,08	1792883	50	76.2
16	MVSTBW 2,5/16-ST-5,08	1792896	50	81.28
17	MVSTBW 2,5/17-ST-5,08	1792906	50	86.36
18	MVSTBW 2,5/18-ST-5,08	1792919	50	91.44
19	MVSTBW 2,5/19-ST-5,08	1792922	50	96.52
20	MVSTBW 2,5/20-ST-5,08	1792935	50	101.6
21	MVSTBW 2,5/21-ST-5,08	1792948	50	106.68
22	MVSTBW 2,5/22-ST-5,08	1792951	50	111.76
23	MVSTBW 2,5/23-ST-5,08	1792964	50	116.84
24	MVSTBW 2,5/24-ST-5,08	1792977	50	121.92



Technical data

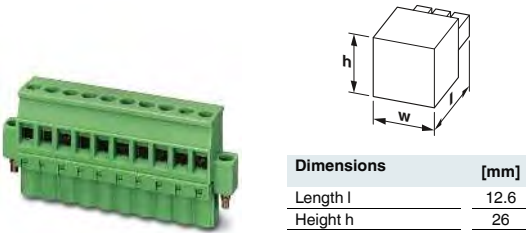
Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III/2	II/2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		28-12	-	28-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 2.5 mm² (AWG 14)

PCB plug, Screw connection with tension sleeve, Pitch: 5 mm

MVSTBW 2,5/...STF



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MVSTBW 2,5/ 2-STF	1835287	50	20
3	MVSTBW 2,5/ 3-STF	1835290	50	25
4	MVSTBW 2,5/ 4-STF	1835300	50	30
5	MVSTBW 2,5/ 5-STF	1835313	50	35
6	MVSTBW 2,5/ 6-STF	1835326	50	40
7	MVSTBW 2,5/ 7-STF	1835339	50	45
8	MVSTBW 2,5/ 8-STF	1835342	50	50
9	MVSTBW 2,5/ 9-STF	1835355	50	55
10	MVSTBW 2,5/10-STF	1835368	50	60
11	MVSTBW 2,5/11-STF	1835371	50	65
12	MVSTBW 2,5/12-STF	1835384	50	70
13	MVSTBW 2,5/13-STF	1835397	50	75
14	MVSTBW 2,5/14-STF	1835407	50	80
15	MVSTBW 2,5/15-STF	1835410	50	85
16	MVSTBW 2,5/16-STF	1835423	50	90
17	MVSTBW 2,5/17-STF	1835436	50	95
18	MVSTBW 2,5/18-STF	1835449	50	100
19	MVSTBW 2,5/19-STF	1835452	50	105
20	MVSTBW 2,5/20-STF	1835465	50	110

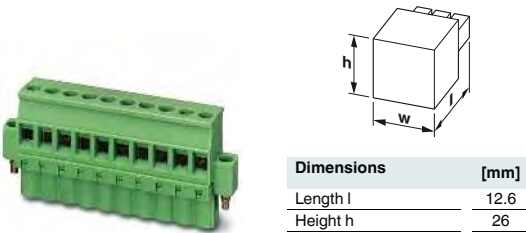


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		28-12	-	28-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 5.08 mm

MVSTBW 2,5/...STF



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MVSTBW 2,5/ 2-STF-5,08	1834903	50	20.32
3	MVSTBW 2,5/ 3-STF-5,08	1834916	50	25.4
4	MVSTBW 2,5/ 4-STF-5,08	1834929	50	30.48
5	MVSTBW 2,5/ 5-STF-5,08	1834932	50	35.56
6	MVSTBW 2,5/ 6-STF-5,08	1834945	50	40.64
7	MVSTBW 2,5/ 7-STF-5,08	1834958	50	45.72
8	MVSTBW 2,5/ 8-STF-5,08	1834961	50	50.8
9	MVSTBW 2,5/ 9-STF-5,08	1834974	50	55.88
10	MVSTBW 2,5/10-STF-5,08	1834987	50	60.96
11	MVSTBW 2,5/11-STF-5,08	1834990	50	66.04
12	MVSTBW 2,5/12-STF-5,08	1835009	50	71.12
13	MVSTBW 2,5/13-STF-5,08	1835012	50	76.2
14	MVSTBW 2,5/14-STF-5,08	1835025	50	81.28
15	MVSTBW 2,5/15-STF-5,08	1835038	50	86.36
16	MVSTBW 2,5/16-STF-5,08	1835041	50	91.44
17	MVSTBW 2,5/17-STF-5,08	1835054	50	96.52
18	MVSTBW 2,5/18-STF-5,08	1835067	50	101.6
19	MVSTBW 2,5/19-STF-5,08	1835070	50	106.68
20	MVSTBW 2,5/20-STF-5,08	1835083	50	111.76

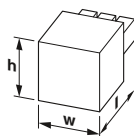


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		28-12	-	28-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 5.08 mm

MVSTBW 2,5/...-STF-EX



Dimensions	[mm]
Length l	12.6
Height h	26

ERC
Ex: EAC Ex

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MVSTBW 2,5/ 2-STF-5,08 EX	1809788	50	20.32
3	MVSTBW 2,5/ 3-STF-5,08 EX	1809791	50	25.4
4	MVSTBW 2,5/ 4-STF-5,08 EX	1809801	50	30.48
5	MVSTBW 2,5/ 5-STF-5,08 EX	1809814	50	35.56
6	MVSTBW 2,5/ 6-STF-5,08 EX	1809827	50	40.64
7	MVSTBW 2,5/ 7-STF-5,08 EX	1809830	50	45.72
8	MVSTBW 2,5/ 8-STF-5,08 EX	1809843	50	50.8
9	MVSTBW 2,5/ 9-STF-5,08 EX	1809856	50	55.88
10	MVSTBW 2,5/10-STF-5,08 EX	1809869	50	60.96
11	MVSTBW 2,5/11-STF-5,08 EX	1809872	50	66.04
12	MVSTBW 2,5/12-STF-5,08 EX	1809885	50	71.12

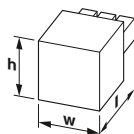


Technical data

Connection system / type of contact		CLASSIC COMBICON (EX) / Female connector	
Locking		Screw flange	
Ex marking		0344 Ex II 2GD Ex e IIC Gb	
Examination certificate		KEMA 10ATEX0196 U	
IECEX certificate		IECEX KEM 10.0093U	
Connection capacity			
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5	
Solid / stranded	AWG	- / 24 - 12	
Stripping length	[mm]	- 7	
Tightening torque clamping space		0.5 - 0.6	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5	
Rated voltage	[V]	176	
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

PCB plug, Screw connection with tension sleeve, Pitch: 5 mm

SMSTB 2,5/...-ST



Dimensions	[mm]
Length l	25.6
Height h	15.5

ERC

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SMSTB 2,5/ 2-ST	1768765	100	10
3	SMSTB 2,5/ 3-ST	1768778	100	15
4	SMSTB 2,5/ 4-ST	1768781	100	20
5	SMSTB 2,5/ 5-ST	1768794	100	25
6	SMSTB 2,5/ 6-ST	1768804	50	30
7	SMSTB 2,5/ 7-ST	1768817	50	35
8	SMSTB 2,5/ 8-ST	1768448	50	40
9	SMSTB 2,5/ 9-ST	1768820	50	45
10	SMSTB 2,5/10-ST	1768833	50	50
11	SMSTB 2,5/11-ST	1768846	50	55
12	SMSTB 2,5/12-ST	1768859	50	60
13	SMSTB 2,5/13-ST	1768862	50	65
14	SMSTB 2,5/14-ST	1768875	50	70
15	SMSTB 2,5/15-ST	1768888	50	75
16	SMSTB 2,5/16-ST	1768891	50	80
17	SMSTB 2,5/17-ST	1768901	50	85
18	SMSTB 2,5/18-ST	1768914	50	90
19	SMSTB 2,5/19-ST	1768927	50	95
20	SMSTB 2,5/20-ST	1768930	50	100
21	SMSTB 2,5/21-ST	1768943	50	105
22	SMSTB 2,5/22-ST	1768956	50	110
23	SMSTB 2,5/23-ST	1768969	50	115
24	SMSTB 2,5/24-ST	1768972	50	120



Technical data

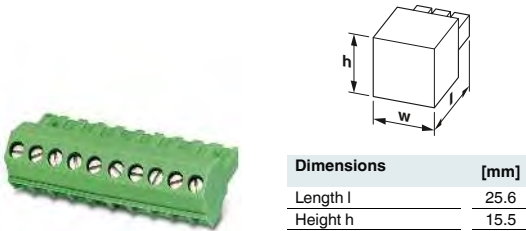
Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		28-12	-	28-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 2.5 mm² (AWG 14)

PCB plug, Screw connection with tension sleeve, Pitch: 5.08 mm

SMSTB 2,5/...-ST



Dimensions	[mm]
Length l	25.6
Height h	15.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SMSTB 2,5/ 2-ST-5,08	1826283	100	10.16
3	SMSTB 2,5/ 3-ST-5,08	1826296	100	15.24
4	SMSTB 2,5/ 4-ST-5,08	1826306	100	20.32
5	SMSTB 2,5/ 5-ST-5,08	1826319	100	25.4
6	SMSTB 2,5/ 6-ST-5,08	1826322	50	30.48
7	SMSTB 2,5/ 7-ST-5,08	1826335	50	35.56
8	SMSTB 2,5/ 8-ST-5,08	1826348	50	40.64
9	SMSTB 2,5/ 9-ST-5,08	1826351	50	45.72
10	SMSTB 2,5/10-ST-5,08	1826364	50	50.8
11	SMSTB 2,5/11-ST-5,08	1826377	50	55.88
12	SMSTB 2,5/12-ST-5,08	1826380	50	60.96
13	SMSTB 2,5/13-ST-5,08	1826393	50	66.04
14	SMSTB 2,5/14-ST-5,08	1826403	50	71.12
15	SMSTB 2,5/15-ST-5,08	1826416	50	76.2
16	SMSTB 2,5/16-ST-5,08	1826429	50	81.28
17	SMSTB 2,5/17-ST-5,08	1850563	50	86.36
18	SMSTB 2,5/18-ST-5,08	1850576	50	91.44
19	SMSTB 2,5/19-ST-5,08	1850589	50	96.52
20	SMSTB 2,5/20-ST-5,08	1850592	50	101.6
21	SMSTB 2,5/21-ST-5,08	1850602	50	106.68
22	SMSTB 2,5/22-ST-5,08	1850615	50	111.76
23	SMSTB 2,5/23-ST-5,08	1850628	50	116.84
24	SMSTB 2,5/24-ST-5,08	1850631	50	121.92

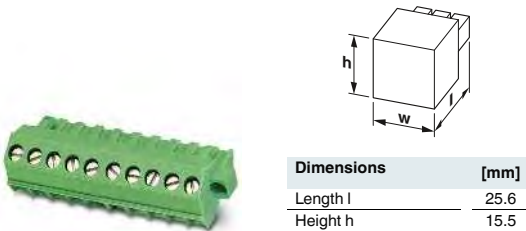


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		28-12	-	28-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 5 mm

SMSTB 2,5/...-STF



Dimensions	[mm]
Length l	25.6
Height h	15.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SMSTB 2,5/ 2-STF	1970870	50	20
3	SMSTB 2,5/ 3-STF	1970883	50	25
4	SMSTB 2,5/ 4-STF	1970896	50	30
5	SMSTB 2,5/ 5-STF	1970906	50	35
6	SMSTB 2,5/ 6-STF	1970919	50	40
7	SMSTB 2,5/ 7-STF	1970922	50	45
8	SMSTB 2,5/ 8-STF	1970935	50	50
9	SMSTB 2,5/ 9-STF	1970948	50	55
10	SMSTB 2,5/10-STF	1970951	50	60
11	SMSTB 2,5/11-STF	1970964	50	65
12	SMSTB 2,5/12-STF	1970977	50	70
13	SMSTB 2,5/13-STF	1970980	50	75
14	SMSTB 2,5/14-STF	1970993	50	80
15	SMSTB 2,5/15-STF	1971002	50	85
16	SMSTB 2,5/16-STF	1971015	50	90
17	SMSTB 2,5/17-STF	1971028	50	95
18	SMSTB 2,5/18-STF	1971031	50	100
19	SMSTB 2,5/19-STF	1971044	50	105
20	SMSTB 2,5/20-STF	1971057	50	110

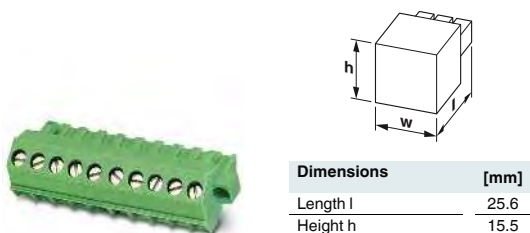


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		28-12	-	28-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 5.08 mm

SMSTB 2,5/...STF



Dimensions	[mm]
Length l	25.6
Height h	15.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SMSTB 2,5/ 2-STF-5,08	1971060	50	20.32
3	SMSTB 2,5/ 3-STF-5,08	1971073	50	25.4
4	SMSTB 2,5/ 4-STF-5,08	1971086	50	30.48
5	SMSTB 2,5/ 5-STF-5,08	1971099	50	35.56
6	SMSTB 2,5/ 6-STF-5,08	1971109	50	40.64
7	SMSTB 2,5/ 7-STF-5,08	1971112	50	45.72
8	SMSTB 2,5/ 8-STF-5,08	1971125	50	50.8
9	SMSTB 2,5/ 9-STF-5,08	1971138	50	55.88
10	SMSTB 2,5/10-STF-5,08	1971141	50	60.96
11	SMSTB 2,5/11-STF-5,08	1971154	50	66.04
12	SMSTB 2,5/12-STF-5,08	1971167	50	71.12
13	SMSTB 2,5/13-STF-5,08	1971170	50	76.2
14	SMSTB 2,5/14-STF-5,08	1971183	50	81.28
15	SMSTB 2,5/15-STF-5,08	1971196	50	86.36
16	SMSTB 2,5/16-STF-5,08	1971206	50	91.44
17	SMSTB 2,5/17-STF-5,08	1971219	50	96.52
18	SMSTB 2,5/18-STF-5,08	1971222	50	101.6
19	SMSTB 2,5/19-STF-5,08	1971235	50	106.68
20	SMSTB 2,5/20-STF-5,08	1971248	50	111.76
21	SMSTB 2,5/21-STF-5,08	1707845	50	116.84
22	SMSTB 2,5/22-STF-5,08	1705300	50	121.92
23	SMSTB 2,5/23-STF-5,08	1707858	50	127
24	SMSTB 2,5/24-STF-5,08	1705313	50	132.08

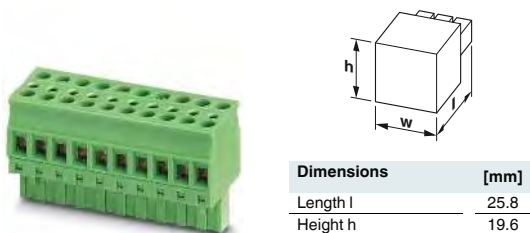


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III/2	II/2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		28-12	-	28-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V2		

PCB plug, Screw connection with tension sleeve, Pitch: 5.08 mm

TVMSTB 2,5/...ST



Dimensions	[mm]
Length l	25.8
Height h	19.6



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	TVMSTB 2,5/ 2-ST-5,08	1719008	50	10.16
3	TVMSTB 2,5/ 3-ST-5,08	1719011	50	15.24
4	TVMSTB 2,5/ 4-ST-5,08	1719024	50	20.32
5	TVMSTB 2,5/ 5-ST-5,08	1719037	50	25.4
6	TVMSTB 2,5/ 6-ST-5,08	1719040	50	30.48
7	TVMSTB 2,5/ 7-ST-5,08	1719053	50	35.56
8	TVMSTB 2,5/ 8-ST-5,08	1719066	50	40.64
9	TVMSTB 2,5/ 9-ST-5,08	1719079	50	45.72
10	TVMSTB 2,5/10-ST-5,08	1719082	50	50.8



Technical data

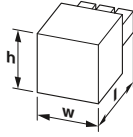
Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III/2	II/2
Rated insulation voltage	[V]	250	400	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		30-12	-	30-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 2.5 mm² (AWG 14)

PCB plug, Screw connection with tension sleeve, Pitch: 5.08 mm

TVMSTB 2,5/...-STF



Dimensions	[mm]
Length l	19.6
Height h	25.8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	TVMSTB 2,5/ 2-STF-5,08	1719095	50	20.16
3	TVMSTB 2,5/ 3-STF-5,08	1719105	50	25.24
4	TVMSTB 2,5/ 4-STF-5,08	1719118	50	30.32
5	TVMSTB 2,5/ 5-STF-5,08	1719121	50	35.4
6	TVMSTB 2,5/ 6-STF-5,08	1719134	50	40.48
7	TVMSTB 2,5/ 7-STF-5,08	1719147	50	45.56
8	TVMSTB 2,5/ 8-STF-5,08	1719150	50	50.64
9	TVMSTB 2,5/ 9-STF-5,08	1719163	50	55.72
10	TVMSTB 2,5/10-STF-5,08	1719176	50	60.8

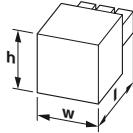


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	400	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		30-12	-	30-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 5.08 mm

TMSTBP 2,5/...-ST



Dimensions	[mm]
Length l	21.5
Height h	28.9



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	TMSTBP 2,5/ 2-ST-5,08	1853010	50	12.16
3	TMSTBP 2,5/ 3-ST-5,08	1853023	50	17.24
4	TMSTBP 2,5/ 4-ST-5,08	1853036	50	22.32
5	TMSTBP 2,5/ 5-ST-5,08	1853049	50	27.4
6	TMSTBP 2,5/ 6-ST-5,08	1853052	50	32.48
7	TMSTBP 2,5/ 7-ST-5,08	1853065	50	37.56
8	TMSTBP 2,5/ 8-ST-5,08	1853078	50	42.64
9	TMSTBP 2,5/ 9-ST-5,08	1853081	50	47.72
10	TMSTBP 2,5/10-ST-5,08	1853094	50	52.8

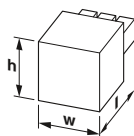


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		30-12	-	30-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 5.08 mm

TMSTBP 2,5/...-STF



Dimensions	[mm]
Length l	21.5
Height h	28.9



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	TMSTBP 2,5/ 2-STF-5,08	1853104	50	20.08
3	TMSTBP 2,5/ 3-STF-5,08	1853117	50	25.16
4	TMSTBP 2,5/ 4-STF-5,08	1853120	50	30.24
5	TMSTBP 2,5/ 5-STF-5,08	1853133	50	35.32
6	TMSTBP 2,5/ 6-STF-5,08	1853146	50	40.4
7	TMSTBP 2,5/ 7-STF-5,08	1853159	50	45.48
8	TMSTBP 2,5/ 8-STF-5,08	1853162	50	50.56
9	TMSTBP 2,5/ 9-STF-5,08	1853175	50	55.64
10	TMSTBP 2,5/10-STF-5,08	1853188	50	60.72

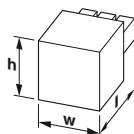


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III/2	II/2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		30-12	-	30-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 7.5 mm

GMSTB 2,5/...-ST



Dimensions	[mm]
Length l	18.2
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GMSTB 2,5/ 2-ST	1766880	50	13
3	GMSTB 2,5/ 3-ST	1766893	50	20.5
4	GMSTB 2,5/ 4-ST	1766903	50	28
5	GMSTB 2,5/ 5-ST	1766916	50	35.5
6	GMSTB 2,5/ 6-ST	1766929	50	43
7	GMSTB 2,5/ 7-ST	1766932	50	50.5
8	GMSTB 2,5/ 8-ST	1766945	50	58
9	GMSTB 2,5/ 9-ST	1766958	50	65.5
10	GMSTB 2,5/10-ST	1766961	50	73
11	GMSTB 2,5/11-ST	1766974	50	80.5
12	GMSTB 2,5/12-ST	1766987	50	88



Technical data

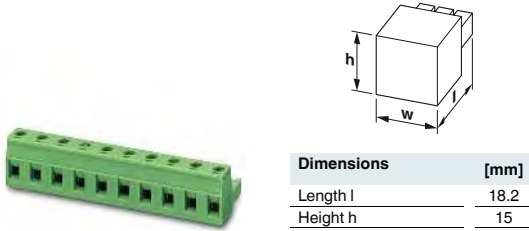
Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III/2	II/2
Rated insulation voltage	[V]	400	630	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		28-12	-	28-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 2.5 mm² (AWG 14)

PCB plug, Screw connection with tension sleeve, Pitch: 7.62 mm

GMSTB 2,5/...-ST



Dimensions	[mm]
Length l	18.2
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GMSTB 2,5/ 2-ST-7,62	1766990	50	13.24
3	GMSTB 2,5/ 3-ST-7,62	1767012	50	20.86
4	GMSTB 2,5/ 4-ST-7,62	1767025	50	28.48
5	GMSTB 2,5/ 5-ST-7,62	1767038	50	36.1
6	GMSTB 2,5/ 6-ST-7,62	1767041	50	43.72
7	GMSTB 2,5/ 7-ST-7,62	1767054	50	51.34
8	GMSTB 2,5/ 8-ST-7,62	1767067	50	58.96
9	GMSTB 2,5/ 9-ST-7,62	1767070	50	66.58
10	GMSTB 2,5/10-ST-7,62	1767083	50	74.2
11	GMSTB 2,5/11-ST-7,62	1767096	50	81.82
12	GMSTB 2,5/12-ST-7,62	1767106	50	89.44

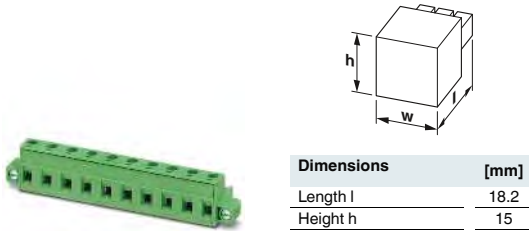


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	400	630	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		28-12	-	28-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 7.62 mm

GMSTB 2,5/...-STF



Dimensions	[mm]
Length l	18.2
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GMSTB 2,5/ 2-STF-7,62	1858769	50	25.63
3	GMSTB 2,5/ 3-STF-7,62	1858772	50	33.25
4	GMSTB 2,5/ 4-STF-7,62	1858785	50	40.87
5	GMSTB 2,5/ 5-STF-7,62	1858798	50	48.49
6	GMSTB 2,5/ 6-STF-7,62	1858808	50	56.11
7	GMSTB 2,5/ 7-STF-7,62	1858811	50	63.73
8	GMSTB 2,5/ 8-STF-7,62	1858824	50	71.35
9	GMSTB 2,5/ 9-STF-7,62	1858837	50	78.97
10	GMSTB 2,5/10-STF-7,62	1858840	50	86.59
11	GMSTB 2,5/11-STF-7,62	1858853	50	94.21
12	GMSTB 2,5/12-STF-7,62	1858866	50	101.83

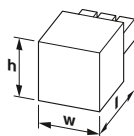


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	400	630	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		30-12	-	30-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 7.62 mm

GMSTB 2,5/...-STF-EX



Dimensions	[mm]
Length l	18.2
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GMSTB 2,5/ 2-STF-7,62 EX	1795776	50	25.63
3	GMSTB 2,5/ 3-STF-7,62 EX	1795789	50	33.25
4	GMSTB 2,5/ 4-STF-7,62 EX	1795792	50	40.87
5	GMSTB 2,5/ 5-STF-7,62 EX	1795802	50	48.49
6	GMSTB 2,5/ 6-STF-7,62 EX	1795815	50	56.11
7	GMSTB 2,5/ 7-STF-7,62 EX	1795828	50	63.73
8	GMSTB 2,5/ 8-STF-7,62 EX	1795831	50	71.35
9	GMSTB 2,5/ 9-STF-7,62 EX	1795844	50	78.97
10	GMSTB 2,5/10-STF-7,62 EX	1795857	50	86.59
11	GMSTB 2,5/11-STF-7,62 EX	1795860	50	94.21
12	GMSTB 2,5/12-STF-7,62 EX	1795873	50	101.83

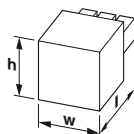


Technical data

Connection system / type of contact		CLASSIC COMBICON (EX) / Female connector
Locking		Screw flange
Ex marking		0344 Ex II 2GD Ex e IIC Gb
Examination certificate		KEMA 10ATEX0196 U
IECEX certificate		IECEX KEM 10.0093U
Connection capacity		
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5
Solid / stranded	AWG	- / 24 - 12
Stripping length	[mm]	- 7
Tightening torque clamping space	[Nm]	0.5 - 0.6
Electrical parameters		
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5
Rated voltage	[V]	352
General data		
Type of insulation material / insulation material group		PA / I
Inflammability class in acc. with UL 94		V0

PCB plug, Screw connection with tension sleeve, Pitch: 7.5 mm

GMVSTBR 2,5/...-ST



Dimensions	[mm]
Length l	12.6
Height h	26



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GMVSTBR 2,5/ 2-ST	1737709	50	13
3	GMVSTBR 2,5/ 3-ST	1737712	50	20.5
4	GMVSTBR 2,5/ 4-ST	1737725	50	28
5	GMVSTBR 2,5/ 5-ST	1737738	50	35.5
6	GMVSTBR 2,5/ 6-ST	1737741	50	43
7	GMVSTBR 2,5/ 7-ST	1737754	50	50.5
8	GMVSTBR 2,5/ 8-ST	1737767	50	58
9	GMVSTBR 2,5/ 9-ST	1737770	50	65.5
10	GMVSTBR 2,5/10-ST	1737783	50	73
11	GMVSTBR 2,5/11-ST	1737796	50	80.5
12	GMVSTBR 2,5/12-ST	1737806	50	88



Technical data

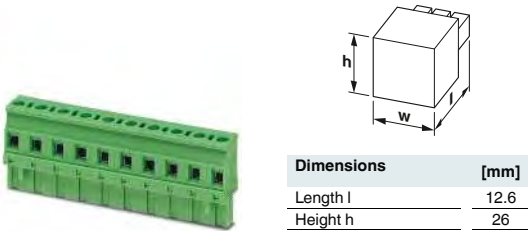
Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	500	630	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		28-12	-	28-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 2.5 mm² (AWG 14)

PCB plug, Screw connection with tension sleeve, Pitch: 7.62 mm

GMVSTBR 2,5/...-ST



Dimensions	[mm]
Length l	12.6
Height h	26



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GMVSTBR 2,5/ 2-ST-7,62	1832523	50	13.2
3	GMVSTBR 2,5/ 3-ST-7,62	1832536	50	20.82
4	GMVSTBR 2,5/ 4-ST-7,62	1832549	50	28.44
5	GMVSTBR 2,5/ 5-ST-7,62	1832552	50	36.06
6	GMVSTBR 2,5/ 6-ST-7,62	1832565	50	43.68
7	GMVSTBR 2,5/ 7-ST-7,62	1832578	50	51.3
8	GMVSTBR 2,5/ 8-ST-7,62	1832581	50	58.92
9	GMVSTBR 2,5/ 9-ST-7,62	1832594	50	66.54
10	GMVSTBR 2,5/10-ST-7,62	1832604	50	74.16
11	GMVSTBR 2,5/11-ST-7,62	1832617	50	81.78
12	GMVSTBR 2,5/12-ST-7,62	1832620	50	89.4

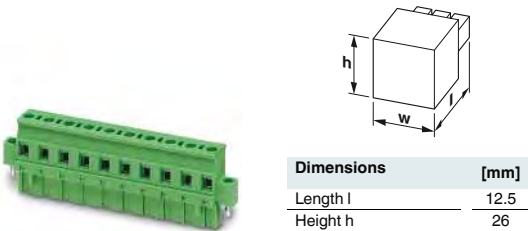


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	500	630	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		28-12	-	28-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 7.62 mm

GMVSTBR 2,5/...-STF



Dimensions	[mm]
Length l	12.5
Height h	26



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GMVSTBR 2,5/ 2-STF-7,62	1847880	50	25.68
3	GMVSTBR 2,5/ 3-STF-7,62	1847893	50	33.3
4	GMVSTBR 2,5/ 4-STF-7,62	1847903	50	40.92
5	GMVSTBR 2,5/ 5-STF-7,62	1847916	50	48.54
6	GMVSTBR 2,5/ 6-STF-7,62	1847929	50	56.16
7	GMVSTBR 2,5/ 7-STF-7,62	1847932	50	63.78
8	GMVSTBR 2,5/ 8-STF-7,62	1847945	50	71.4
9	GMVSTBR 2,5/ 9-STF-7,62	1847958	50	79.02
10	GMVSTBR 2,5/10-STF-7,62	1847961	50	86.64
11	GMVSTBR 2,5/11-STF-7,62	1847974	50	94.26
12	GMVSTBR 2,5/12-STF-7,62	1847987	50	101.88

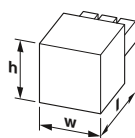
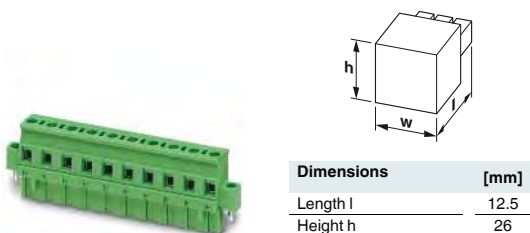


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	500	630	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		28-12	-	28-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 7.62 mm

GMVSTBR 2,5/...-STF-EX



Dimensions	[mm]
Length l	12.5
Height h	26

ERC
Ex: EAC Ex

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GMVSTBR 2,5/ 2-STF-7,62 EX	1809898	50	13.2
3	GMVSTBR 2,5/ 3-STF-7,62 EX	1809908	50	20.82
4	GMVSTBR 2,5/ 4-STF-7,62 EX	1809911	50	28.44
5	GMVSTBR 2,5/ 5-STF-7,62 EX	1809924	50	36.06
6	GMVSTBR 2,5/ 6-STF-7,62 EX	1809937	50	43.68
7	GMVSTBR 2,5/ 7-STF-7,62 EX	1809940	50	51.3
8	GMVSTBR 2,5/ 8-STF-7,62 EX	1809953	50	58.92
9	GMVSTBR 2,5/ 9-STF-7,62 EX	1809966	50	66.54
10	GMVSTBR 2,5/10-STF-7,62 EX	1809979	50	74.16
11	GMVSTBR 2,5/11-STF-7,62 EX	1809982	50	81.78
12	GMVSTBR 2,5/12-STF-7,62 EX	1809995	50	89.4

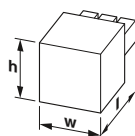
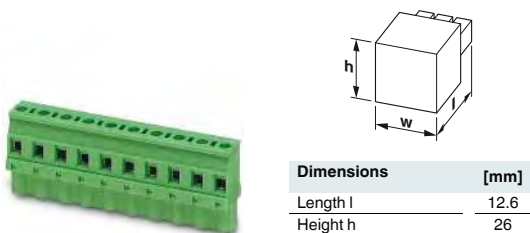


Technical data

Connection system / type of contact		CLASSIC COMBICON (EX) / Female connector
Locking		Screw flange
Ex marking		0344 Ex II 2GD Ex e IIC Gb
Examination certificate		KEMA 10ATEX0196 U
IECEX certificate		IECEX KEM 10.0093U
Connection capacity		
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5
Solid / stranded	AWG	- / 24 - 12
Stripping length	[mm]	- 7
Tightening torque clamping space		0.5 - 0.6
Electrical parameters		
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5
Rated voltage	[V]	352
General data		
Type of insulation material / insulation material group		PA / I
Inflammability class in acc. with UL 94		V0

PCB plug, Screw connection with tension sleeve, Pitch: 7.5 mm

GMVSTBW 2,5/...-ST



Dimensions	[mm]
Length l	12.6
Height h	26

UL US EAC CB

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GMVSTBW 2,5/ 2-ST	1737819	50	13
3	GMVSTBW 2,5/ 3-ST	1737822	50	20.5
4	GMVSTBW 2,5/ 4-ST	1737835	50	28
5	GMVSTBW 2,5/ 5-ST	1737848	50	35.5
6	GMVSTBW 2,5/ 6-ST	1737851	50	43
7	GMVSTBW 2,5/ 7-ST	1737864	50	50.5
8	GMVSTBW 2,5/ 8-ST	1737877	50	58
9	GMVSTBW 2,5/ 9-ST	1737880	50	65.5
10	GMVSTBW 2,5/10-ST	1737893	50	73
11	GMVSTBW 2,5/11-ST	1737903	50	80.5
12	GMVSTBW 2,5/12-ST	1737916	50	88



Technical data

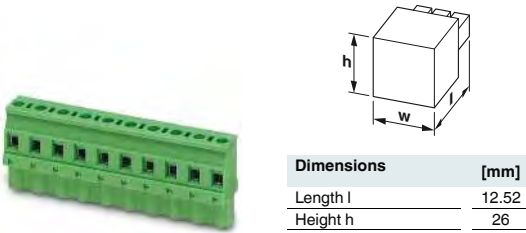
Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	500	630	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		28-12	-	28-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 2.5 mm² (AWG 14)

PCB plug, Screw connection with tension sleeve, Pitch: 7.62 mm

GMVSTBW 2,5/...-ST



Dimensions	[mm]
Length l	12.52
Height h	26



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GMVSTBW 2,5/ 2-ST-7,62	1832413	50	13.2
3	GMVSTBW 2,5/ 3-ST-7,62	1832426	50	20.82
4	GMVSTBW 2,5/ 4-ST-7,62	1832439	50	28.44
5	GMVSTBW 2,5/ 5-ST-7,62	1832442	50	36.06
6	GMVSTBW 2,5/ 6-ST-7,62	1832455	50	43.68
7	GMVSTBW 2,5/ 7-ST-7,62	1832468	50	51.3
8	GMVSTBW 2,5/ 8-ST-7,62	1832471	50	58.92
9	GMVSTBW 2,5/ 9-ST-7,62	1832484	50	66.54
10	GMVSTBW 2,5/10-ST-7,62	1832497	50	74.16
11	GMVSTBW 2,5/11-ST-7,62	1832507	50	81.78
12	GMVSTBW 2,5/12-ST-7,62	1832510	50	89.4

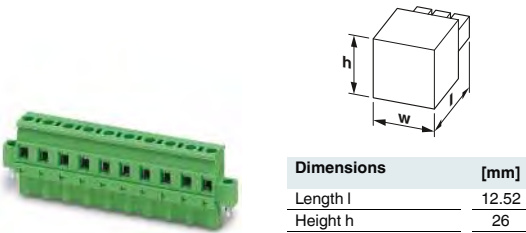


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	500	630	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		28-12	-	28-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 7.62 mm

GMVSTBW 2,5/...-STF



Dimensions	[mm]
Length l	12.52
Height h	26



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GMVSTBW 2,5/ 2-STF-7,62	1847990	50	13.2
3	GMVSTBW 2,5/ 3-STF-7,62	1848009	50	20.82
4	GMVSTBW 2,5/ 4-STF-7,62	1848012	50	28.44
6	GMVSTBW 2,5/ 6-STF-7,62	1848038	50	43.68
7	GMVSTBW 2,5/ 7-STF-7,62	1848041	50	51.3
8	GMVSTBW 2,5/ 8-STF-7,62	1848054	50	58.92
9	GMVSTBW 2,5/ 9-STF-7,62	1848067	50	66.54
10	GMVSTBW 2,5/10-STF-7,62	1848070	50	74.16
11	GMVSTBW 2,5/11-STF-7,62	1848083	50	81.78
12	GMVSTBW 2,5/12-STF-7,62	1848096	50	89.4

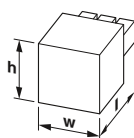
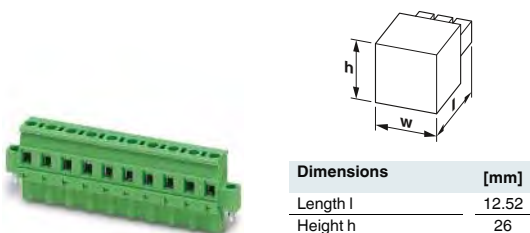


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	500	630	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		28-12	-	28-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 7.62 mm

GMVSTBW 2,5/...-STF-EX



Dimensions	[mm]
Length l	12.52
Height h	26

ERC
Ex: EAC Ex

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GMVSTBW 2,5/ 2-STF-7,62 EX	1810007	50	13.2
3	GMVSTBW 2,5/ 3-STF-7,62 EX	1810010	50	20.82
4	GMVSTBW 2,5/ 4-STF-7,62 EX	1810023	50	28.44
5	GMVSTBW 2,5/ 5-STF-7,62 EX	1810036	50	36.06
6	GMVSTBW 2,5/ 6-STF-7,62 EX	1810049	50	43.68
7	GMVSTBW 2,5/ 7-STF-7,62 EX	1810052	50	51.3
8	GMVSTBW 2,5/ 8-STF-7,62 EX	1810065	50	58.92
9	GMVSTBW 2,5/ 9-STF-7,62 EX	1810078	50	66.54
10	GMVSTBW 2,5/10-STF-7,62 EX	1810081	50	74.16
11	GMVSTBW 2,5/11-STF-7,62 EX	1810094	50	81.78
12	GMVSTBW 2,5/12-STF-7,62 EX	1810104	50	89.4

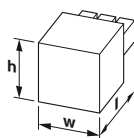
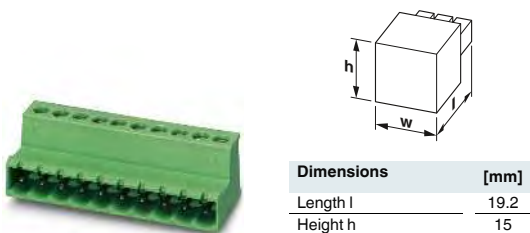


Technical data

Connection system / type of contact		CLASSIC COMBICON (EX) / Female connector
Locking		Screw flange
Ex marking		0344 Ex II 2GD Ex e IIC Gb
Examination certificate		KEMA 10ATEX0196 U
IECEX certificate		IECEX KEM 10.0093U
Connection capacity		
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5
Solid / stranded	AWG	- / 24 - 12
Stripping length	[mm]	- 7
Tightening torque clamping space		0.5 - 0.6
Electrical parameters		
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5
Rated voltage	[V]	352
General data		
Type of insulation material / insulation material group		PA / I
Inflammability class in acc. with UL 94		V0

PCB plug, Screw connection with tension sleeve, Pitch: 5.08 mm

IC 2,5/...-ST



Dimensions	[mm]
Length l	19.2
Height h	15

UL US EAC VDE CB

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	IC 2,5/ 2-ST-5,08	1786174	50	11.66
3	IC 2,5/ 3-ST-5,08	1786187	50	16.74
4	IC 2,5/ 4-ST-5,08	1786190	50	21.82
5	IC 2,5/ 5-ST-5,08	1786200	50	26.9
6	IC 2,5/ 6-ST-5,08	1786213	50	31.98
7	IC 2,5/ 7-ST-5,08	1786226	50	37.06
8	IC 2,5/ 8-ST-5,08	1786239	50	42.14
9	IC 2,5/ 9-ST-5,08	1786242	50	47.22
10	IC 2,5/10-ST-5,08	1786255	50	52.3
11	IC 2,5/11-ST-5,08	1786268	50	57.38
12	IC 2,5/12-ST-5,08	1786271	50	62.46
13	IC 2,5/13-ST-5,08	1786284	50	67.54
14	IC 2,5/14-ST-5,08	1786297	50	72.62
15	IC 2,5/15-ST-5,08	1786307	50	77.7
16	IC 2,5/16-ST-5,08	1786310	50	82.78
17	IC 2,5/17-ST-5,08	1786323	50	87.86
18	IC 2,5/18-ST-5,08	1786336	50	92.94
19	IC 2,5/19-ST-5,08	1786349	50	98.02
20	IC 2,5/20-ST-5,08	1786352	50	103.1
21	IC 2,5/21-ST-5,08	1786365	50	108.18
22	IC 2,5/22-ST-5,08	1786378	50	113.26
23	IC 2,5/23-ST-5,08	1786381	50	118.34
24	IC 2,5/24-ST-5,08	1786394	50	123.42



Technical data

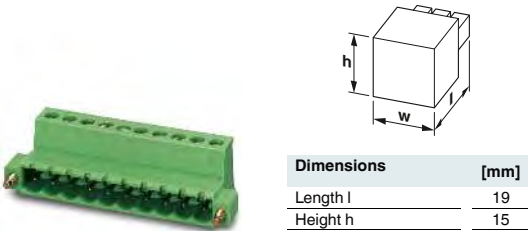
Connection system / type of contact		CLASSIC COMBICON / Male connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	250 / 12	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		28-12	-	28-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 2.5 mm² (AWG 14)

PCB plug, Screw connection with tension sleeve, Pitch: 5.08 mm

IC 2,5/...-STF



Dimensions	[mm]
Length l	19
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	IC 2,5/ 2-STF-5,08	1825310	50	20.28
3	IC 2,5/ 3-STF-5,08	1825323	50	25.36
4	IC 2,5/ 4-STF-5,08	1825336	50	30.44
5	IC 2,5/ 5-STF-5,08	1825349	50	35.52
6	IC 2,5/ 6-STF-5,08	1825352	50	40.6
7	IC 2,5/ 7-STF-5,08	1825365	50	45.68
8	IC 2,5/ 8-STF-5,08	1825378	50	50.76
9	IC 2,5/ 9-STF-5,08	1825381	50	55.84
10	IC 2,5/10-STF-5,08	1825394	50	60.92
11	IC 2,5/11-STF-5,08	1825404	50	66
12	IC 2,5/12-STF-5,08	1825417	50	71.08
13	IC 2,5/13-STF-5,08	1825420	50	76.16
14	IC 2,5/14-STF-5,08	1825433	50	81.24
15	IC 2,5/15-STF-5,08	1825446	50	86.32
16	IC 2,5/16-STF-5,08	1825459	50	91.4
17	IC 2,5/17-STF-5,08	1825462	50	96.48
18	IC 2,5/18-STF-5,08	1825475	50	101.56
19	IC 2,5/19-STF-5,08	1825488	50	106.64
20	IC 2,5/20-STF-5,08	1825491	50	111.72

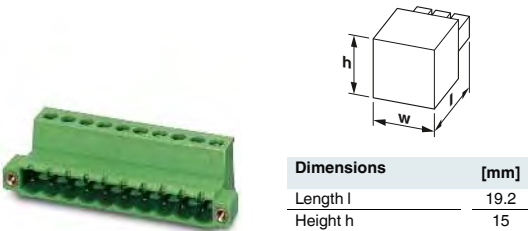


Technical data

Connection system / type of contact		CLASSIC COMBICON / Male connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	250 / 12	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		28-12	-	28-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 5.08 mm

IC 2,5/...-STGF



Dimensions	[mm]
Length l	19.2
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	IC 2,5/ 2-STGF-5,08	1825501	50	20.28
3	IC 2,5/ 3-STGF-5,08	1825514	50	25.36
4	IC 2,5/ 4-STGF-5,08	1825527	50	30.44
5	IC 2,5/ 5-STGF-5,08	1825530	50	35.52
6	IC 2,5/ 6-STGF-5,08	1825543	50	40.6
7	IC 2,5/ 7-STGF-5,08	1825556	50	45.68
8	IC 2,5/ 8-STGF-5,08	1825569	50	50.76
9	IC 2,5/ 9-STGF-5,08	1825572	50	55.84
10	IC 2,5/10-STGF-5,08	1825585	50	60.92
11	IC 2,5/11-STGF-5,08	1825598	50	66
12	IC 2,5/12-STGF-5,08	1825608	50	71.08
13	IC 2,5/13-STGF-5,08	1825611	50	76.16
14	IC 2,5/14-STGF-5,08	1825624	50	81.24
15	IC 2,5/15-STGF-5,08	1825637	50	86.32
16	IC 2,5/16-STGF-5,08	1825640	50	91.4
17	IC 2,5/17-STGF-5,08	1825653	50	96.48
18	IC 2,5/18-STGF-5,08	1825666	50	101.56
19	IC 2,5/19-STGF-5,08	1825679	50	106.64
20	IC 2,5/20-STGF-5,08	1825682	50	111.72

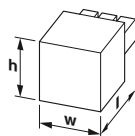


Technical data

Connection system / type of contact		CLASSIC COMBICON / Male connector		
Locking		Threaded flange		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	250 / 12	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		28-12	-	28-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 5.08 mm

IC 2,5/...-STF-EX



Dimensions	[mm]
Length l	19
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	IC 2,5/ 2-STF-5,08 EX	1810117	50	11.66
3	IC 2,5/ 3-STF-5,08 EX	1810120	50	16.74
4	IC 2,5/ 4-STF-5,08 EX	1810133	50	21.82
5	IC 2,5/ 5-STF-5,08 EX	1810146	50	26.9
6	IC 2,5/ 6-STF-5,08 EX	1810159	50	3.98
7	IC 2,5/ 7-STF-5,08 EX	1810162	50	37.06
8	IC 2,5/ 8-STF-5,08 EX	1810175	50	42.14
9	IC 2,5/ 9-STF-5,08 EX	1810188	50	47.22
10	IC 2,5/10-STF-5,08 EX	1810191	50	52.3
11	IC 2,5/11-STF-5,08 EX	1810201	50	57.38
12	IC 2,5/12-STF-5,08 EX	1810214	50	62.46

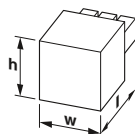


Technical data

Connection system / type of contact		CLASSIC COMBICON (EX) / Male connector	
Locking		Screw flange	
Ex marking		0344 Ex II 2GD Ex e IIC Gb	
Examination certificate		KEMA 10ATEX0196 U	
IECEX certificate		IECEX KEM 10.0093U	
Connection capacity			
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5	
Solid / stranded	AWG	- / 24 - 12	
Stripping length	[mm]	- 7	
Tightening torque clamping space	[Nm]	0.5 - 0.6	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5	
Rated voltage	[V]	176	
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

PCB plug, Screw connection with tension sleeve, Pitch: 7.62 mm

GIC 2,5/...-ST



Dimensions	[mm]
Length l	19.1
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GIC 2,5/ 2-ST-7,62	1828809	50	15.14
3	GIC 2,5/ 3-ST-7,62	1828812	50	22.76
4	GIC 2,5/ 4-ST-7,62	1828825	50	30.38
5	GIC 2,5/ 5-ST-7,62	1828838	50	38
6	GIC 2,5/ 6-ST-7,62	1828841	50	45.62
7	GIC 2,5/ 7-ST-7,62	1828854	50	53.24
8	GIC 2,5/ 8-ST-7,62	1828867	50	60.86
9	GIC 2,5/ 9-ST-7,62	1828870	50	68.48
10	GIC 2,5/10-ST-7,62	1828883	50	76.1
11	GIC 2,5/11-ST-7,62	1828896	50	83.72
12	GIC 2,5/12-ST-7,62	1828906	50	91.34



Technical data

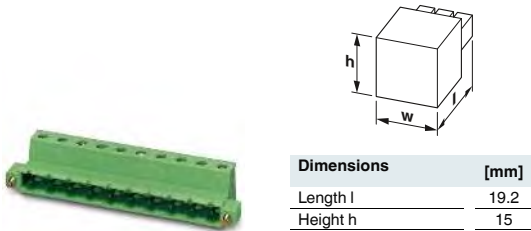
Connection system / type of contact		CLASSIC COMBICON / Male connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	400	630	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	250 / 12	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		28-12	-	28-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 2.5 mm² (AWG 14)

PCB plug, Screw connection with tension sleeve, Pitch: 7.62 mm

GIC 2,5/...-STF



Dimensions	[mm]
Length l	19.2
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GIC 2,5/ 2-STF-7,62	1858879	50	33.14
3	GIC 2,5/ 3-STF-7,62	1858882	50	40.76
4	GIC 2,5/ 4-STF-7,62	1858895	50	48.38
5	GIC 2,5/ 5-STF-7,62	1858905	50	56
6	GIC 2,5/ 6-STF-7,62	1858918	50	63.62
7	GIC 2,5/ 7-STF-7,62	1858921	50	71.24
8	GIC 2,5/ 8-STF-7,62	1858934	50	78.86
9	GIC 2,5/ 9-STF-7,62	1858947	50	86.48
10	GIC 2,5/10-STF-7,62	1858950	50	94.1
11	GIC 2,5/11-STF-7,62	1858963	50	101.72
12	GIC 2,5/12-STF-7,62	1858976	50	109.34

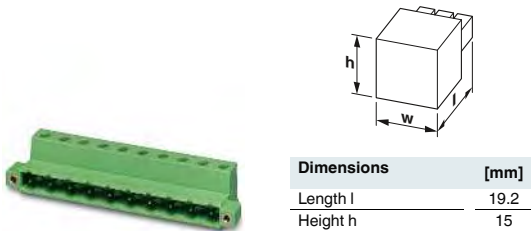


Technical data

Connection system / type of contact		CLASSIC COMBICON / Male connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	400	630	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	250 / 12	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		28-12	-	28-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 7.62 mm

GIC 2,5/...-STGF



Dimensions	[mm]
Length l	19.2
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GIC 2,5/ 2-STGF-7,62	1849888	50	25.62
3	GIC 2,5/ 3-STGF-7,62	1849891	50	33.24
4	GIC 2,5/ 4-STGF-7,62	1849901	50	40.86
5	GIC 2,5/ 5-STGF-7,62	1849914	50	48.48
6	GIC 2,5/ 6-STGF-7,62	1849927	50	56.1
7	GIC 2,5/ 7-STGF-7,62	1849930	50	63.72
8	GIC 2,5/ 8-STGF-7,62	1849943	50	71.34
9	GIC 2,5/ 9-STGF-7,62	1849956	50	78.96
10	GIC 2,5/10-STGF-7,62	1849969	50	86.58
11	GIC 2,5/11-STGF-7,62	1849972	50	94.2
12	GIC 2,5/12-STGF-7,62	1849985	50	101.82

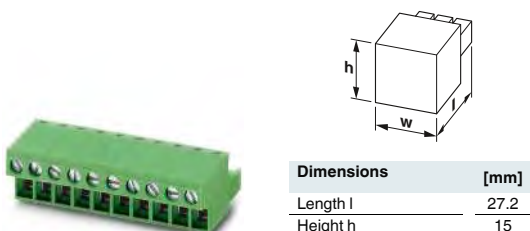


Technical data

Connection system / type of contact		CLASSIC COMBICON / Male connector		
Locking		Threaded flange		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	400	630	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	250 / 12	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		28-12	-	28-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Front screw connection, Pitch: 5 mm

FRONT-MSTB 2,5/...-ST



Dimensions	[mm]
Length l	27.2
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FRONT-MSTB 2,5/ 2-ST	1779411	100	10
3	FRONT-MSTB 2,5/ 3-ST	1779424	100	15
4	FRONT-MSTB 2,5/ 4-ST	1779437	50	20
5	FRONT-MSTB 2,5/ 5-ST	1779440	50	25
6	FRONT-MSTB 2,5/ 6-ST	1779453	50	30
7	FRONT-MSTB 2,5/ 7-ST	1779466	50	35
8	FRONT-MSTB 2,5/ 8-ST	1779479	50	40
9	FRONT-MSTB 2,5/ 9-ST	1779482	50	45
10	FRONT-MSTB 2,5/10-ST	1779495	50	50
11	FRONT-MSTB 2,5/11-ST	1779505	50	55
12	FRONT-MSTB 2,5/12-ST	1779518	50	60
13	FRONT-MSTB 2,5/13-ST	1779521	50	65
14	FRONT-MSTB 2,5/14-ST	1779534	50	70
15	FRONT-MSTB 2,5/15-ST	1779547	50	75
16	FRONT-MSTB 2,5/16-ST	1779550	50	80
17	FRONT-MSTB 2,5/17-ST	1779563	50	85
18	FRONT-MSTB 2,5/18-ST	1779576	50	90
19	FRONT-MSTB 2,5/19-ST	1779589	50	95
20	FRONT-MSTB 2,5/20-ST	1779592	50	100
21	FRONT-MSTB 2,5/21-ST	1779602	50	105
22	FRONT-MSTB 2,5/22-ST	1779615	50	110
23	FRONT-MSTB 2,5/23-ST	1779628	50	115
24	FRONT-MSTB 2,5/24-ST	1779631	50	120

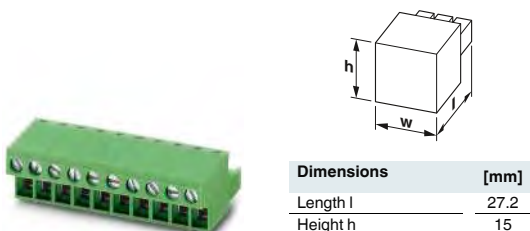


Technical data

Connection system / type of contact	CLASSIC COMBICON / Female connector		
Locking	without		
Connection capacity			
Solid / stranded	[mm ²]	0.34 - 2.5 / 0.2 - 2.5	
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5	
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5	
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1	
Conductor cross section AWG/kcmil		24 - 12	
Stripping length	[mm]	10	
Tightening torque	[Nm]	0.5 - 0.6	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5	
Surge voltage category/degree of pollution		III/3	II / 2
Rated insulation voltage	[V]	250	630
Rated surge voltage	[kV]	4	4
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 15	300 / 10
AWG		30-12	30-12
Approval data (CSA)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 15	300 / 10
AWG		22-12	22-12
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

PCB plug, Front screw connection, Pitch: 5.08 mm

FRONT-MSTB 2,5/...-ST



Dimensions	[mm]
Length l	27.2
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FRONT-MSTB 2,5/ 2-ST-5,08	1777280	100	10.16
3	FRONT-MSTB 2,5/ 3-ST-5,08	1777293	100	15.24
4	FRONT-MSTB 2,5/ 4-ST-5,08	1777303	50	20.32
5	FRONT-MSTB 2,5/ 5-ST-5,08	1777316	50	25.4
6	FRONT-MSTB 2,5/ 6-ST-5,08	1777329	50	30.48
7	FRONT-MSTB 2,5/ 7-ST-5,08	1777332	50	35.56
8	FRONT-MSTB 2,5/ 8-ST-5,08	1777345	50	40.64
9	FRONT-MSTB 2,5/ 9-ST-5,08	1777358	50	45.72
10	FRONT-MSTB 2,5/10-ST-5,08	1777361	50	50.8
11	FRONT-MSTB 2,5/11-ST-5,08	1777374	50	55.88
12	FRONT-MSTB 2,5/12-ST-5,08	1777387	50	60.96
13	FRONT-MSTB 2,5/13-ST-5,08	1777390	50	66.04
14	FRONT-MSTB 2,5/14-ST-5,08	1777400	50	71.12
15	FRONT-MSTB 2,5/15-ST-5,08	1777413	50	76.2
16	FRONT-MSTB 2,5/16-ST-5,08	1777426	50	81.28
17	FRONT-MSTB 2,5/17-ST-5,08	1777439	50	86.36
18	FRONT-MSTB 2,5/18-ST-5,08	1777442	50	91.44
19	FRONT-MSTB 2,5/19-ST-5,08	1777455	50	96.52
20	FRONT-MSTB 2,5/20-ST-5,08	1777468	50	101.6
21	FRONT-MSTB 2,5/21-ST-5,08	1777471	50	106.68
22	FRONT-MSTB 2,5/22-ST-5,08	1777484	50	111.76
24	FRONT-MSTB 2,5/24-ST-5,08	1777507	50	121.92



Technical data

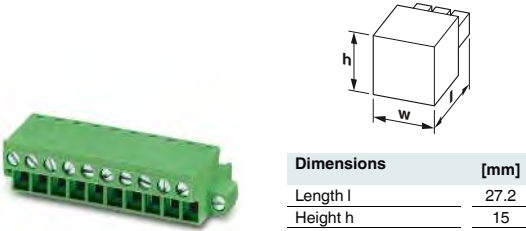
Connection system / type of contact	CLASSIC COMBICON / Female connector		
Locking	without		
Connection capacity			
Solid / stranded	[mm ²]	0.34 - 2.5 / 0.2 - 2.5	
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5	
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5	
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1 / 0.2 - 1.5	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5	
Conductor cross section AWG/kcmil		24 - 12	
Stripping length	[mm]	10	
Tightening torque	[Nm]	0.5 - 0.6	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5	
Surge voltage category/degree of pollution		III/3	II / 2
Rated insulation voltage	[V]	250	630
Rated surge voltage	[kV]	4	4
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 15	300 / 10
AWG		30-12	30-12
Approval data (CSA)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 15	300 / 10
AWG		22-12	22-12
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

PCB connectors

Conductor cross section up to 2.5 mm² (AWG 14)

PCB plug, Front screw connection, Pitch: 5 mm

FRONT-MSTB 2,5/...-STF



Dimensions	[mm]
Length l	27.2
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FRONT-MSTB 2,5/ 2-STF	1779644	100	19.8
3	FRONT-MSTB 2,5/ 3-STF	1779657	100	24.8
4	FRONT-MSTB 2,5/ 4-STF	1779660	50	29.8
5	FRONT-MSTB 2,5/ 5-STF	1779673	50	34.8
6	FRONT-MSTB 2,5/ 6-STF	1779686	50	39.8
7	FRONT-MSTB 2,5/ 7-STF	1779699	50	44.8
8	FRONT-MSTB 2,5/ 8-STF	1779709	50	49.8
9	FRONT-MSTB 2,5/ 9-STF	1779712	50	54.8
10	FRONT-MSTB 2,5/10-STF	1779725	50	59.8
11	FRONT-MSTB 2,5/11-STF	1779738	50	64.8
12	FRONT-MSTB 2,5/12-STF	1779741	50	69.8
13	FRONT-MSTB 2,5/13-STF	1779754	50	74.8
14	FRONT-MSTB 2,5/14-STF	1779767	50	79.8
15	FRONT-MSTB 2,5/15-STF	1779770	50	84.8
16	FRONT-MSTB 2,5/16-STF	1779783	50	89.8
17	FRONT-MSTB 2,5/17-STF	1779796	50	94.8
18	FRONT-MSTB 2,5/18-STF	1779806	50	99.8
19	FRONT-MSTB 2,5/19-STF	1779819	50	104.8
20	FRONT-MSTB 2,5/20-STF	1779822	50	109.8

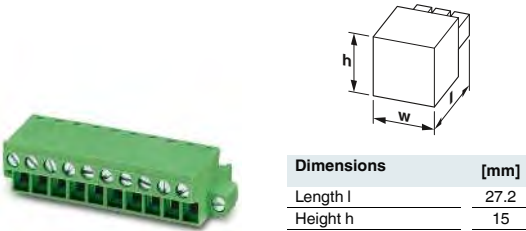


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.34 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	10		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		22-12	-	22-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Front screw connection, Pitch: 5.08 mm

FRONT-MSTB 2,5/...-STF



Dimensions	[mm]
Length l	27.2
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FRONT-MSTB 2,5/ 2-STF-5,08	1777808	100	19.96
3	FRONT-MSTB 2,5/ 3-STF-5,08	1777811	100	25.04
4	FRONT-MSTB 2,5/ 4-STF-5,08	1777824	50	30.12
5	FRONT-MSTB 2,5/ 5-STF-5,08	1777837	50	35.2
6	FRONT-MSTB 2,5/ 6-STF-5,08	1777840	50	40.28
7	FRONT-MSTB 2,5/ 7-STF-5,08	1777853	50	45.36
8	FRONT-MSTB 2,5/ 8-STF-5,08	1777798	50	50.44
9	FRONT-MSTB 2,5/ 9-STF-5,08	1777866	50	55.52
10	FRONT-MSTB 2,5/10-STF-5,08	1777879	50	60.6
11	FRONT-MSTB 2,5/11-STF-5,08	1777882	50	65.68
12	FRONT-MSTB 2,5/12-STF-5,08	1777895	50	70.76
13	FRONT-MSTB 2,5/13-STF-5,08	1777905	50	75.84
14	FRONT-MSTB 2,5/14-STF-5,08	1777918	50	80.92
15	FRONT-MSTB 2,5/15-STF-5,08	1777921	50	86
16	FRONT-MSTB 2,5/16-STF-5,08	1777934	50	91.08
17	FRONT-MSTB 2,5/17-STF-5,08	1777947	50	96.16
18	FRONT-MSTB 2,5/18-STF-5,08	1777950	50	101.24
19	FRONT-MSTB 2,5/19-STF-5,08	1777963	50	106.32
20	FRONT-MSTB 2,5/20-STF-5,08	1777976	50	111.4
22	FRONT-MSTB 2,5/22-STF-5,08	1898790	50	121.56
24	FRONT-MSTB 2,5/24-STF-5,08	1898800	50	131.72

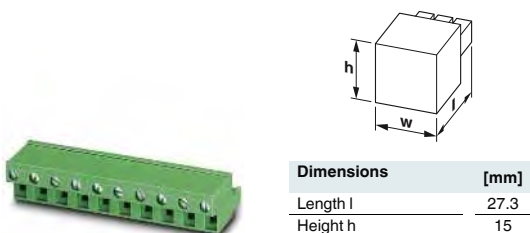


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.34 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	10		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		22-12	-	22-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Front screw connection, Pitch: 7.62 mm

FRONT-GMSTB 2,5/...-ST



Dimensions	[mm]
Length l	27.3
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FRONT-GMSTB 2,5/ 2-ST-7,62	1806119	50	13.24
3	FRONT-GMSTB 2,5/ 3-ST-7,62	1806122	50	20.86
4	FRONT-GMSTB 2,5/ 4-ST-7,62	1806135	50	28.48
5	FRONT-GMSTB 2,5/ 5-ST-7,62	1806148	50	36.1
6	FRONT-GMSTB 2,5/ 6-ST-7,62	1806151	50	43.72
7	FRONT-GMSTB 2,5/ 7-ST-7,62	1806164	50	51.34
8	FRONT-GMSTB 2,5/ 8-ST-7,62	1806177	50	58.96
9	FRONT-GMSTB 2,5/ 9-ST-7,62	1806180	50	66.58
10	FRONT-GMSTB 2,5/10-ST-7,62	1806193	50	74.2
11	FRONT-GMSTB 2,5/11-ST-7,62	1806203	50	81.82
12	FRONT-GMSTB 2,5/12-ST-7,62	1806216	50	89.44

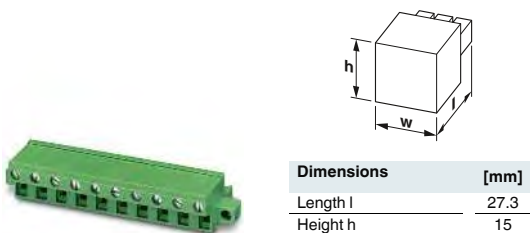


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	10		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III/2	II/2
Rated insulation voltage	[V]	400	630	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		22-12	-	22-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Front screw connection, Pitch: 7.62 mm

FRONT-GMSTB 2,5/...-STF



Dimensions	[mm]
Length l	27.3
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FRONT-GMSTB 2,5/ 2-STF-7,62	1805987	50	25.86
3	FRONT-GMSTB 2,5/ 3-STF-7,62	1805990	50	33.48
4	FRONT-GMSTB 2,5/ 4-STF-7,62	1806009	50	41.1
5	FRONT-GMSTB 2,5/ 5-STF-7,62	1806038	50	48.72
6	FRONT-GMSTB 2,5/ 6-STF-7,62	1806041	50	56.34
7	FRONT-GMSTB 2,5/ 7-STF-7,62	1806054	50	63.96
8	FRONT-GMSTB 2,5/ 8-STF-7,62	1806067	50	71.58
9	FRONT-GMSTB 2,5/ 9-STF-7,62	1806070	50	79.2
10	FRONT-GMSTB 2,5/10-STF-7,62	1806083	50	86.82
11	FRONT-GMSTB 2,5/11-STF-7,62	1806096	50	94.44
12	FRONT-GMSTB 2,5/12-STF-7,62	1806106	50	102.06



Technical data

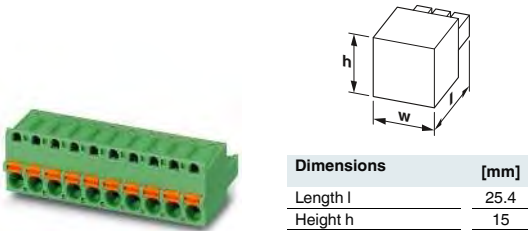
Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	10		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III/2	II/2
Rated insulation voltage	[V]	400	630	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		22-12	-	22-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 2.5 mm² (AWG 14)

PCB plug, Push-in spring connection, Pitch: 5 mm

FKC 2,5/...-ST



Dimensions	[mm]
Length l	25.4
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FKC 2,5/ 2-ST	1910351	100	10.1
3	FKC 2,5/ 3-ST	1910364	100	14.9
4	FKC 2,5/ 4-ST	1910377	100	19.9
5	FKC 2,5/ 5-ST	1910380	100	24.9
6	FKC 2,5/ 6-ST	1910393	50	29.9
7	FKC 2,5/ 7-ST	1910403	50	34.9
8	FKC 2,5/ 8-ST	1910416	50	39.9
9	FKC 2,5/ 9-ST	1910429	50	44.9
10	FKC 2,5/10-ST	1910432	50	49.9
11	FKC 2,5/11-ST	1910445	50	54.9
12	FKC 2,5/12-ST	1910458	50	60.1
13	FKC 2,5/13-ST	1910461	50	64.9
14	FKC 2,5/14-ST	1910474	50	69.9
15	FKC 2,5/15-ST	1910487	50	74.9
16	FKC 2,5/16-ST	1910490	50	79.9
17	FKC 2,5/17-ST	1910500	50	84.9
18	FKC 2,5/18-ST	1910513	50	89.9

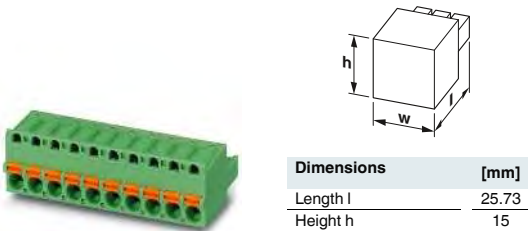


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		26-12	-	26-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 12	-	300 / 10
AWG		24-12	-	24-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 5.08 mm

FKC 2,5/...-ST



Dimensions	[mm]
Length l	25.73
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FKC 2,5/ 2-ST-5,08	1873058	100	10.78
3	FKC 2,5/ 3-ST-5,08	1873061	100	15.86
4	FKC 2,5/ 4-ST-5,08	1873074	100	20.94
5	FKC 2,5/ 5-ST-5,08	1873087	100	26.02
6	FKC 2,5/ 6-ST-5,08	1873090	50	31.1
7	FKC 2,5/ 7-ST-5,08	1873100	50	36.18
8	FKC 2,5/ 8-ST-5,08	1873113	50	41.26
9	FKC 2,5/ 9-ST-5,08	1873126	50	46.34
10	FKC 2,5/10-ST-5,08	1873139	50	51.42
11	FKC 2,5/11-ST-5,08	1873142	50	56.5
12	FKC 2,5/12-ST-5,08	1873155	50	61.58
13	FKC 2,5/13-ST-5,08	1873168	50	66.66
14	FKC 2,5/14-ST-5,08	1873171	50	71.74
15	FKC 2,5/15-ST-5,08	1873184	50	76.82
16	FKC 2,5/16-ST-5,08	1873197	50	81.9
17	FKC 2,5/17-ST-5,08	1875904	50	86.98
18	FKC 2,5/18-ST-5,08	1875917	50	92.06
19	FKC 2,5/19-ST-5,08	1945038	50	97.14
20	FKC 2,5/20-ST-5,08	1945041	50	102.22

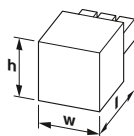


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	320	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		26-12	-	26-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 5 mm

FKC 2,5/...-STF



Dimensions	[mm]
Length l	25.73
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FKC 2,5/ 2-STF	1910526	100	20.02
3	FKC 2,5/ 3-STF	1910539	100	25.02
4	FKC 2,5/ 4-STF	1910542	100	30.02
5	FKC 2,5/ 5-STF	1910555	100	35.02
6	FKC 2,5/ 6-STF	1910568	50	40.02
7	FKC 2,5/ 7-STF	1910571	50	45.02
8	FKC 2,5/ 8-STF	1910584	50	50.02
9	FKC 2,5/ 9-STF	1910597	50	55.02
10	FKC 2,5/10-STF	1910607	50	60.02
11	FKC 2,5/11-STF	1910610	50	65.02
12	FKC 2,5/12-STF	1910623	50	70.02
13	FKC 2,5/13-STF	1910636	50	75.02
14	FKC 2,5/14-STF	1910649	50	80.02
15	FKC 2,5/15-STF	1910652	50	85.02
16	FKC 2,5/16-STF	1910665	50	90.02

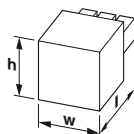


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		26-12	-	26-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 12	-	300 / 10
AWG		24-12	-	24-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 5.08 mm

FKC 2,5/...-STF



Dimensions	[mm]
Length l	25.73
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FKC 2,5/ 2-STF-5.08	1873207	100	20.26
3	FKC 2,5/ 3-STF-5.08	1873210	100	25.34
4	FKC 2,5/ 4-STF-5.08	1873223	100	30.42
5	FKC 2,5/ 5-STF-5.08	1873236	100	35.5
6	FKC 2,5/ 6-STF-5.08	1873249	50	40.58
7	FKC 2,5/ 7-STF-5.08	1873252	50	45.66
8	FKC 2,5/ 8-STF-5.08	1873265	50	50.74
9	FKC 2,5/ 9-STF-5.08	1873278	50	55.82
10	FKC 2,5/10-STF-5.08	1873281	50	60.9
11	FKC 2,5/11-STF-5.08	1873294	50	65.98
12	FKC 2,5/12-STF-5.08	1873304	50	71.06
13	FKC 2,5/13-STF-5.08	1873317	50	76.14
14	FKC 2,5/14-STF-5.08	1873320	50	81.22
15	FKC 2,5/15-STF-5.08	1873333	50	86.3
16	FKC 2,5/16-STF-5.08	1873346	50	91.38
17	FKC 2,5/17-STF-5.08	1707939	50	96.46
18	FKC 2,5/18-STF-5.08	1707942	50	101.54
19	FKC 2,5/19-STF-5.08	1707955	50	106.62
20	FKC 2,5/20-STF-5.08	1707913	50	111.7
21	FKC 2,5/21-STF-5.08	1714472	50	116.78
22	FKC 2,5/22-STF-5.08	1707926	50	121.86
23	FKC 2,5/23-STF-5.08	1714485	50	126.94
24	FKC 2,5/24-STF-5.08	1714498	50	132.02



Technical data

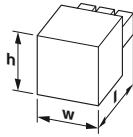
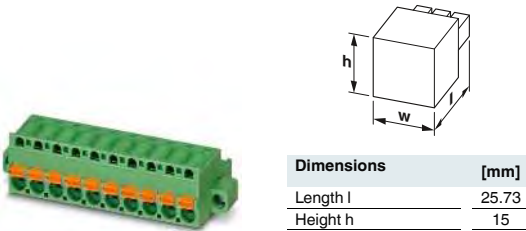
Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	320	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		26-12	-	26-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 2.5 mm² (AWG 14)

PCB plug, Push-in spring connection, Pitch: 5.08 mm

FKC 2,5/...-STF-EX



Dimensions	[mm]
Length l	25.73
Height h	15

Ex: EAC Ex

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FKC 2,5/ 2-STF-5,08 EX	1795996	50	20.26
3	FKC 2,5/ 3-STF-5,08 EX	1796005	50	25.34
4	FKC 2,5/ 4-STF-5,08 EX	1796018	50	30.42
5	FKC 2,5/ 5-STF-5,08 EX	1796021	50	35.5
6	FKC 2,5/ 6-STF-5,08 EX	1796034	50	40.58
7	FKC 2,5/ 7-STF-5,08 EX	1796047	50	45.66
8	FKC 2,5/ 8-STF-5,08 EX	1796050	50	50.74
9	FKC 2,5/ 9-STF-5,08 EX	1796063	50	55.82
10	FKC 2,5/10-STF-5,08 EX	1796076	50	60.9
11	FKC 2,5/11-STF-5,08 EX	1796089	50	65.98
12	FKC 2,5/12-STF-5,08 EX	1796092	50	71.06

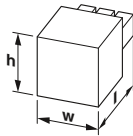
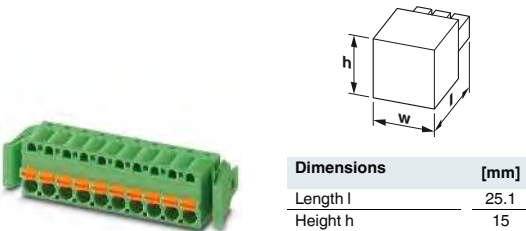


Technical data

Connection system / type of contact		CLASSIC COMBICON (EX) / Female connector	
Locking		Screw flange	
Ex marking		0344 Ex II 2GD Ex e IIC Gb	
Examination certificate		KEMA 10ATEX0196 U	
IECEx certificate		IECEx KEM 10.0093U	
Connection capacity			
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5	
Solid / stranded	AWG	- / 24 - 12	
Stripping length	[mm]	- 10	
Tightening torque clamping space		[Nm]	
Electrical parameters		-	
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5	
Rated voltage	[V]	176	
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

PCB plug, Push-in spring connection, Pitch: 5 mm

FKC 2,5/...-ST-RF



Dimensions	[mm]
Length l	25.1
Height h	15

Ex:

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FKC 2,5/ 2-ST-RF	1947052	100	22.9
3	FKC 2,5/ 3-ST-RF	1947065	100	27.9
4	FKC 2,5/ 4-ST-RF	1947078	100	32.9
5	FKC 2,5/ 5-ST-RF	1947081	100	37.9
6	FKC 2,5/ 6-ST-RF	1947094	50	42.9
7	FKC 2,5/ 7-ST-RF	1947104	50	47.9
8	FKC 2,5/ 8-ST-RF	1947117	50	52.9
9	FKC 2,5/ 9-ST-RF	1947120	50	57.9
10	FKC 2,5/10-ST-RF	1947133	50	62.9
11	FKC 2,5/11-ST-RF	1947146	50	67.9
12	FKC 2,5/12-ST-RF	1947159	50	72.9
13	FKC 2,5/13-ST-RF	1947162	50	77.9
14	FKC 2,5/14-ST-RF	1947175	50	82.9
15	FKC 2,5/15-ST-RF	1947188	50	87.9
16	FKC 2,5/16-ST-RF	1947191	50	92.9
17	FKC 2,5/17-ST-RF	1947201	50	97.9
18	FKC 2,5/18-ST-RF	1947214	50	102.9

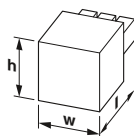


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		Self-locking flange		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		26-12	-	26-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 5.08 mm

FKC 2,5/...-ST-RF



Dimensions	[mm]
Length l	25.73
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FKC 2,5/ 2-ST-5,08-RF	1925692	100	23.58
3	FKC 2,5/ 3-ST-5,08-RF	1925702	100	28.66
4	FKC 2,5/ 4-ST-5,08-RF	1925715	100	33.74
5	FKC 2,5/ 5-ST-5,08-RF	1925728	100	38.82
6	FKC 2,5/ 6-ST-5,08-RF	1925731	50	43.9
7	FKC 2,5/ 7-ST-5,08-RF	1925744	50	48.98
8	FKC 2,5/ 8-ST-5,08-RF	1925757	50	54.06
9	FKC 2,5/ 9-ST-5,08-RF	1925760	50	59.14
10	FKC 2,5/10-ST-5,08-RF	1925773	50	64.22
11	FKC 2,5/11-ST-5,08-RF	1925786	50	69.3
12	FKC 2,5/12-ST-5,08-RF	1925799	50	74.38
13	FKC 2,5/13-ST-5,08-RF	1925809	50	79.46
14	FKC 2,5/14-ST-5,08-RF	1925812	50	84.54
15	FKC 2,5/15-ST-5,08-RF	1925825	50	89.62
16	FKC 2,5/16-ST-5,08-RF	1925838	50	94.7
17	FKC 2,5/17-ST-5,08-RF	1925841	50	99.78
18	FKC 2,5/18-ST-5,08-RF	1925854	50	104.86

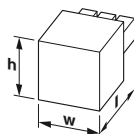


Technical data

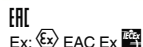
Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		Self-locking flange		
Connection capacity				
Solid / stranded		0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve		0.25 - 2.5		
Stranded with ferrules with plastic sleeve		0.25 - 2.5		
2 conductors with same cross section solid / stranded		- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve		-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve		0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length		10		
Tightening torque		-		
Electrical parameters				
Rated current / conductor cross section		12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage		320	320	630
Rated surge voltage		4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current		300 / 10	-	300 / 10
AWG		26-12	-	26-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 5.08 mm

FKC 2,5/...-ST-RF-EX



Dimensions	[mm]
Length l	25.73
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FKC 2,5/ 2-ST-5,08-RF EX	1796102	50	23.8
3	FKC 2,5/ 3-ST-5,08-RF EX	1796115	50	28.16
4	FKC 2,5/ 4-ST-5,08-RF EX	1796128	50	33.24
5	FKC 2,5/ 5-ST-5,08-RF EX	1796131	50	38.32
6	FKC 2,5/ 6-ST-5,08-RF EX	1796144	50	43.4
7	FKC 2,5/ 7-ST-5,08-RF EX	1796157	50	48.48
8	FKC 2,5/ 8-ST-5,08-RF EX	1796160	50	53.56
9	FKC 2,5/ 9-ST-5,08-RF EX	1796173	50	58.64
10	FKC 2,5/10-ST-5,08-RF EX	1796186	50	63.72
11	FKC 2,5/11-ST-5,08-RF EX	1796199	50	68.8
12	FKC 2,5/12-ST-5,08-RF EX	1796209	50	73.88



Technical data

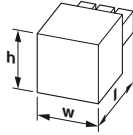
Connection system / type of contact		CLASSIC COMBICON (EX) / Female connector		
Locking		Self-locking flange		
Ex marking		0344 Ex II 2GD Ex e IIC Gb		
Examination certificate		KEMA 10ATEX0196 U		
IECEx certificate		IECEx KEM 10.0093U		
Connection capacity				
Solid / stranded		0.2 - 2.5 / 0.2 - 2.5		
Solid / stranded		- / 24 - 12		
Stripping length		- 10		
Tightening torque clamping space		-		
Electrical parameters				
Rated current / conductor cross section		12 / 2.5		
Rated voltage		176		
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 2.5 mm² (AWG 14)

PCB plug, Push-in spring connection, Pitch: 5 mm

FKCS 2,5/...-ST



Dimensions	[mm]
Length l	25.23
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FKCS 2,5/ 2-ST	1974737	50	10.1
3	FKCS 2,5/ 3-ST	1974740	50	15.1
4	FKCS 2,5/ 4-ST	1974753	50	20.1
5	FKCS 2,5/ 5-ST	1974766	50	25.1
6	FKCS 2,5/ 6-ST	1974779	50	30.1
7	FKCS 2,5/ 7-ST	1974782	50	35.1
8	FKCS 2,5/ 8-ST	1974795	50	40.1
9	FKCS 2,5/ 9-ST	1974805	50	45.1
10	FKCS 2,5/10-ST	1974818	50	50.1
11	FKCS 2,5/11-ST	1974821	50	55.1
12	FKCS 2,5/12-ST	1974834	50	60.1
13	FKCS 2,5/13-ST	1974847	50	65.1
14	FKCS 2,5/14-ST	1974850	50	70.1
15	FKCS 2,5/15-ST	1974863	50	75.1
16	FKCS 2,5/16-ST	1974876	50	80.1
17	FKCS 2,5/17-ST	1974889	50	85.1
18	FKCS 2,5/18-ST	1974892	50	90.1

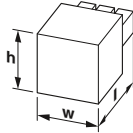


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		26-12	-	26-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 5.08 mm

FKCS 2,5/...-ST



Dimensions	[mm]
Length l	25.23
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FKCS 2,5/ 2-ST-5,08	1975079	50	10.78
3	FKCS 2,5/ 3-ST-5,08	1975082	50	15.86
4	FKCS 2,5/ 4-ST-5,08	1975095	50	20.94
5	FKCS 2,5/ 5-ST-5,08	1975105	50	26.02
6	FKCS 2,5/ 6-ST-5,08	1975118	50	31.1
7	FKCS 2,5/ 7-ST-5,08	1975121	50	36.18
8	FKCS 2,5/ 8-ST-5,08	1975134	50	41.26
9	FKCS 2,5/ 9-ST-5,08	1975147	50	46.34
10	FKCS 2,5/10-ST-5,08	1975150	50	51.42
11	FKCS 2,5/11-ST-5,08	1975163	50	56.5
12	FKCS 2,5/12-ST-5,08	1975176	50	61.58
13	FKCS 2,5/13-ST-5,08	1975189	50	66.66
14	FKCS 2,5/14-ST-5,08	1975192	50	71.74
15	FKCS 2,5/15-ST-5,08	1975202	50	76.82
16	FKCS 2,5/16-ST-5,08	1975215	50	81.9
17	FKCS 2,5/17-ST-5,08	1975228	50	86.98
18	FKCS 2,5/18-ST-5,08	1975231	50	92.06
19	FKCS 2,5/19-ST-5,08	1975244	50	97.14
20	FKCS 2,5/20-ST-5,08	1975257	50	102.22

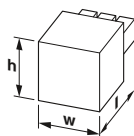


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	320	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		26-12	-	26-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 5.08 mm

FKCS 2,5/...STF



Dimensions	[mm]
Length l	25.2
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FKCS 2,5/ 2-STF-5,08	1975260	50	20.26
3	FKCS 2,5/ 3-STF-5,08	1975273	50	25.34
4	FKCS 2,5/ 4-STF-5,08	1975286	50	30.42
5	FKCS 2,5/ 5-STF-5,08	1975299	50	35.5
6	FKCS 2,5/ 6-STF-5,08	1975309	50	40.58
7	FKCS 2,5/ 7-STF-5,08	1975312	50	45.66
8	FKCS 2,5/ 8-STF-5,08	1975325	50	50.74
9	FKCS 2,5/ 9-STF-5,08	1975338	50	55.82
10	FKCS 2,5/10-STF-5,08	1975341	50	60.9
11	FKCS 2,5/11-STF-5,08	1975354	50	65.98
12	FKCS 2,5/12-STF-5,08	1975367	50	71.06
13	FKCS 2,5/13-STF-5,08	1975370	50	76.14
14	FKCS 2,5/14-STF-5,08	1975383	50	81.22
15	FKCS 2,5/15-STF-5,08	1975396	50	86.3
16	FKCS 2,5/16-STF-5,08	1975406	50	91.38

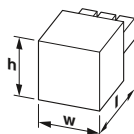


Technical data

Connection system / type of contact	CLASSIC COMBICON / Female connector		
Locking	Screw flange		
Connection capacity			
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5	
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5	
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5	
2 conductors with same cross section solid / stranded	[mm ²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5	
Conductor cross section AWG/kcmil		24 - 12	
Stripping length	[mm]	10	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	320	320
Rated surge voltage	[kV]	4	4
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 10	300 / 10
AWG		26-12	26-12
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

PCB plug, Push-in spring connection, Pitch: 5.08 mm

FKCS 2,5/...ST-RF



Dimensions	[mm]
Length l	25.1
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FKCS 2,5/ 2-ST-5,08-RF	1808569	50	23.58
3	FKCS 2,5/ 3-ST-5,08-RF	1808572	50	28.66
4	FKCS 2,5/ 4-ST-5,08-RF	1808585	50	33.74
5	FKCS 2,5/ 5-ST-5,08-RF	1808598	50	38.82
6	FKCS 2,5/ 6-ST-5,08-RF	1808608	50	43.9
7	FKCS 2,5/ 7-ST-5,08-RF	1808611	50	48.98
8	FKCS 2,5/ 8-ST-5,08-RF	1808624	50	54.06
9	FKCS 2,5/ 9-ST-5,08-RF	1808637	50	59.14
10	FKCS 2,5/10-ST-5,08-RF	1808640	50	64.22
11	FKCS 2,5/11-ST-5,08-RF	1808653	50	69.3
12	FKCS 2,5/12-ST-5,08-RF	1808666	50	74.38
13	FKCS 2,5/13-ST-5,08-RF	1808679	50	79.46
14	FKCS 2,5/14-ST-5,08-RF	1808682	50	84.54
15	FKCS 2,5/15-ST-5,08-RF	1808695	50	89.62
16	FKCS 2,5/16-ST-5,08-RF	1808705	50	94.7



Technical data

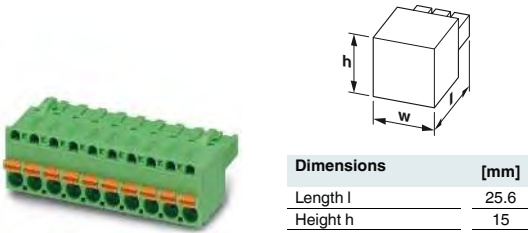
Connection system / type of contact	CLASSIC COMBICON / Female connector		
Locking	Self-locking flange		
Connection capacity			
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5	
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5	
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5	
2 conductors with same cross section solid / stranded	[mm ²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1	
Conductor cross section AWG/kcmil		24 - 12	
Stripping length	[mm]	10	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	320	320
Rated surge voltage	[kV]	4	4
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 10	300 / 10
AWG		26-12	26-12
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

PCB connectors

Conductor cross section up to 2.5 mm² (AWG 14)

PCB plug, Push-in spring connection, Pitch: 5 mm

FKCT 2,5/...ST



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FKCT 2,5/ 2-ST	1909210	100	10.1
3	FKCT 2,5/ 3-ST	1909223	100	15.1
4	FKCT 2,5/ 4-ST	1909236	100	20.1
5	FKCT 2,5/ 5-ST	1909249	100	25.1
6	FKCT 2,5/ 6-ST	1909252	50	30.1
7	FKCT 2,5/ 7-ST	1909265	50	35.1
8	FKCT 2,5/ 8-ST	1909278	50	40.1
9	FKCT 2,5/ 9-ST	1909281	50	45.1
10	FKCT 2,5/10-ST	1909294	50	50.1
11	FKCT 2,5/11-ST	1909304	50	55.1
12	FKCT 2,5/12-ST	1909317	50	60.1
13	FKCT 2,5/13-ST	1909320	50	65.1
14	FKCT 2,5/14-ST	1909333	50	70.1
15	FKCT 2,5/15-ST	1909346	50	75.1
16	FKCT 2,5/16-ST	1909359	50	80.1
17	FKCT 2,5/17-ST	1909362	50	85.1
18	FKCT 2,5/18-ST	1909375	50	90.1
19	FKCT 2,5/19-ST	1909388	50	95.1
20	FKCT 2,5/20-ST	1909391	50	100.1

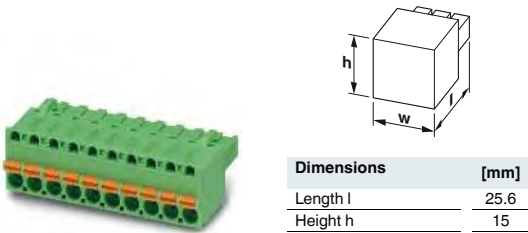


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	320	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		26-12	-	26-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 12	-	300 / 10
AWG		24-12	-	24-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 5.08 mm

FKCT 2,5/...ST



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FKCT 2,5/ 2-ST-5.08	1902110	100	10.26
3	FKCT 2,5/ 3-ST-5.08	1902123	100	15.34
4	FKCT 2,5/ 4-ST-5.08	1902136	100	20.42
5	FKCT 2,5/ 5-ST-5.08	1902149	100	25.5
6	FKCT 2,5/ 6-ST-5.08	1902152	50	30.58
7	FKCT 2,5/ 7-ST-5.08	1902165	50	35.66
8	FKCT 2,5/ 8-ST-5.08	1902178	50	40.74
9	FKCT 2,5/ 9-ST-5.08	1902181	50	45.82
10	FKCT 2,5/10-ST-5.08	1902194	50	50.9
11	FKCT 2,5/11-ST-5.08	1902204	50	55.98
12	FKCT 2,5/12-ST-5.08	1902217	50	61.06
13	FKCT 2,5/13-ST-5.08	1902220	50	66.14
14	FKCT 2,5/14-ST-5.08	1902233	50	71.22
15	FKCT 2,5/15-ST-5.08	1902246	50	76.3
16	FKCT 2,5/16-ST-5.08	1902259	50	81.38
17	FKCT 2,5/17-ST-5.08	1902262	50	86.46
18	FKCT 2,5/18-ST-5.08	1902275	50	91.54
19	FKCT 2,5/19-ST-5.08	1902288	50	96.62
20	FKCT 2,5/20-ST-5.08	1902291	50	101.7

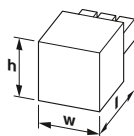


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	320	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		26-12	-	26-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 5 mm

FKCT 2,5/...-STF



Dimensions	[mm]
Length l	25.73
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FKCT 2,5/ 2-STF	1909401	50	19.72
3	FKCT 2,5/ 3-STF	1909414	50	24.71
4	FKCT 2,5/ 4-STF	1909427	50	29.72
5	FKCT 2,5/ 5-STF	1909430	50	34.72
6	FKCT 2,5/ 6-STF	1909443	50	39.72
7	FKCT 2,5/ 7-STF	1909456	50	44.72
8	FKCT 2,5/ 8-STF	1909469	50	49.72
9	FKCT 2,5/ 9-STF	1909472	50	54.72
10	FKCT 2,5/10-STF	1909485	50	59.72
11	FKCT 2,5/11-STF	1909498	50	64.72
12	FKCT 2,5/12-STF	1909508	50	69.72
13	FKCT 2,5/13-STF	1909511	50	74.72
14	FKCT 2,5/14-STF	1909524	50	79.72
15	FKCT 2,5/15-STF	1909537	50	84.72
16	FKCT 2,5/16-STF	1909540	50	89.72
17	FKCT 2,5/17-STF	1909553	50	94.72
18	FKCT 2,5/18-STF	1909566	50	99.72

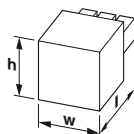


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	320	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		26-12	-	26-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 12	-	300 / 10
AWG		24-12	-	24-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 5.08 mm

FKCT 2,5/...-STF



Dimensions	[mm]
Length l	25.2
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FKCT 2,5/ 2-STF-5,08	1902301	50	20.26
3	FKCT 2,5/ 3-STF-5,08	1902314	50	25.34
4	FKCT 2,5/ 4-STF-5,08	1902327	50	30.42
5	FKCT 2,5/ 5-STF-5,08	1902330	50	35.5
6	FKCT 2,5/ 6-STF-5,08	1902343	50	40.58
7	FKCT 2,5/ 7-STF-5,08	1902356	50	45.66
8	FKCT 2,5/ 8-STF-5,08	1902369	50	50.74
9	FKCT 2,5/ 9-STF-5,08	1902372	50	55.82
10	FKCT 2,5/10-STF-5,08	1902385	50	60.9
11	FKCT 2,5/11-STF-5,08	1902398	50	65.98
12	FKCT 2,5/12-STF-5,08	1902408	50	71.06
13	FKCT 2,5/13-STF-5,08	1902411	50	76.14
14	FKCT 2,5/14-STF-5,08	1902424	50	81.22
15	FKCT 2,5/15-STF-5,08	1902437	50	86.3
16	FKCT 2,5/16-STF-5,08	1902440	50	91.38
17	FKCT 2,5/17-STF-5,08	1902453	50	96.46
18	FKCT 2,5/18-STF-5,08	1902466	50	101.54



Technical data

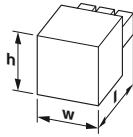
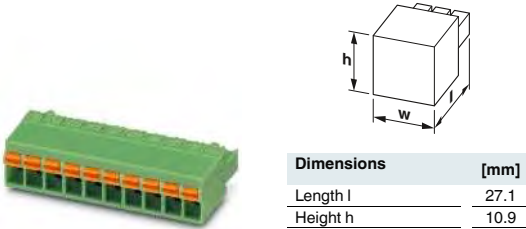
Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	320	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		26-12	-	26-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 2.5 mm² (AWG 14)

PCB plug, Push-in spring connection, Pitch: 5 mm

FKCN 2,5/...-ST



Dimensions	[mm]
Length l	27.1
Height h	10.9



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FKCN 2,5/ 2-ST	1732742	50	10
3	FKCN 2,5/ 3-ST	1732755	50	15
4	FKCN 2,5/ 4-ST	1732768	50	20
5	FKCN 2,5/ 5-ST	1732771	50	25
6	FKCN 2,5/ 6-ST	1732784	50	30
7	FKCN 2,5/ 7-ST	1732797	50	35
8	FKCN 2,5/ 8-ST	1732807	50	40
9	FKCN 2,5/ 9-ST	1732810	50	45
10	FKCN 2,5/10-ST	1732823	50	50
11	FKCN 2,5/11-ST	1732833	50	55
12	FKCN 2,5/12-ST	1732836	50	60
13	FKCN 2,5/13-ST	1732849	50	65
14	FKCN 2,5/14-ST	1732852	50	70
15	FKCN 2,5/15-ST	1732865	50	75
16	FKCN 2,5/16-ST	1732878	50	80
17	FKCN 2,5/17-ST	1732881	50	85
18	FKCN 2,5/18-ST	1732894	50	90

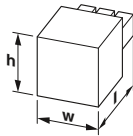
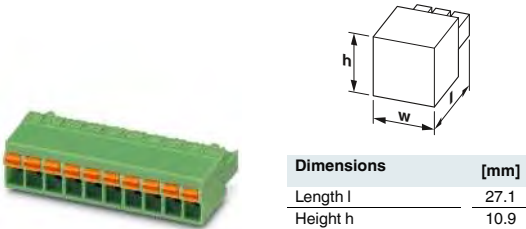


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 1.5		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-		
Conductor cross section AWG/kcmil		24 - 16		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	320	320	630
Rated surge voltage	[kV]	4	4	4
General data				
Type of insulation material / insulation material group		PBT / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 5.08 mm

FKCN 2,5/...-ST



Dimensions	[mm]
Length l	27.1
Height h	10.9



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FKCN 2,5/ 2-ST-5,08	1754568	50	10.16
3	FKCN 2,5/ 3-ST-5,08	1754571	50	15.24
4	FKCN 2,5/ 4-ST-5,08	1754584	50	20.32
5	FKCN 2,5/ 5-ST-5,08	1754597	50	25.4
6	FKCN 2,5/ 6-ST-5,08	1754607	50	30.48
7	FKCN 2,5/ 7-ST-5,08	1754610	50	35.56
8	FKCN 2,5/ 8-ST-5,08	1754623	50	40.64
9	FKCN 2,5/ 9-ST-5,08	1754636	50	45.72
10	FKCN 2,5/10-ST-5,08	1754649	50	50.8
11	FKCN 2,5/11-ST-5,08	1754652	50	55.88
12	FKCN 2,5/12-ST-5,08	1754665	50	60.96
13	FKCN 2,5/13-ST-5,08	1754678	50	66.04
14	FKCN 2,5/14-ST-5,08	1754681	50	71.12
15	FKCN 2,5/15-ST-5,08	1754694	50	76.2
16	FKCN 2,5/16-ST-5,08	1754704	50	81.28
17	FKCN 2,5/17-ST-5,08	1754717	50	86.36
18	FKCN 2,5/18-ST-5,08	1754720	50	91.44

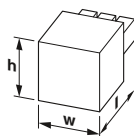


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		24 - 16		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	320	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		24-14	-	24-14
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 5 mm

FKCN 2,5/...-STF



Dimensions	[mm]
Length l	27.1
Height h	10.9

ERC

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FKCN 2,5/ 2-STF	1732962	50	20
3	FKCN 2,5/ 3-STF	1732975	50	25
4	FKCN 2,5/ 4-STF	1732988	50	30
5	FKCN 2,5/ 5-STF	1732991	50	35
6	FKCN 2,5/ 6-STF	1733000	50	40
7	FKCN 2,5/ 7-STF	1733013	50	45
8	FKCN 2,5/ 8-STF	1733026	50	50
9	FKCN 2,5/ 9-STF	1733039	50	55
10	FKCN 2,5/10-STF	1733042	50	60
11	FKCN 2,5/11-STF	1733050	50	65
12	FKCN 2,5/12-STF	1733055	50	70
13	FKCN 2,5/13-STF	1733068	50	75
14	FKCN 2,5/14-STF	1733071	50	80
15	FKCN 2,5/15-STF	1733084	50	85
16	FKCN 2,5/16-STF	1733097	50	90
17	FKCN 2,5/17-STF	1733107	50	95
18	FKCN 2,5/18-STF	1733110	50	100
19	FKCN 2,5/19-STF	1733123	50	105
20	FKCN 2,5/20-STF	1733136	50	110
21	FKCN 2,5/21-STF	1733149	50	115
22	FKCN 2,5/22-STF	1733152	50	120
23	FKCN 2,5/23-STF	1733165	50	125
24	FKCN 2,5/24-STF	1733178	50	130

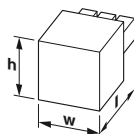


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 1.5		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-		
Conductor cross section AWG/kcmil		24 - 16		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	320	320	630
Rated surge voltage	[kV]	4	4	4
General data				
Type of insulation material / insulation material group		PBT / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 5.08 mm

FKCN 2,5/...-STF



Dimensions	[mm]
Length l	27.1
Height h	10.9

ERC

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FKCN 2,5/ 2-STF-5,08	1754791	50	20.16
3	FKCN 2,5/ 3-STF-5,08	1754801	50	25.24
4	FKCN 2,5/ 4-STF-5,08	1754814	50	30.32
5	FKCN 2,5/ 5-STF-5,08	1754827	50	35.4
6	FKCN 2,5/ 6-STF-5,08	1754830	50	40.48
7	FKCN 2,5/ 7-STF-5,08	1754843	50	45.56
8	FKCN 2,5/ 8-STF-5,08	1754856	50	50.64
9	FKCN 2,5/ 9-STF-5,08	1754869	50	55.72
10	FKCN 2,5/10-STF-5,08	1754872	50	60.8
11	FKCN 2,5/11-STF-5,08	1754885	50	65.88
12	FKCN 2,5/12-STF-5,08	1754898	50	70.96
13	FKCN 2,5/13-STF-5,08	1754908	50	76.04
14	FKCN 2,5/14-STF-5,08	1754911	50	81.12
15	FKCN 2,5/15-STF-5,08	1754924	50	86.2
16	FKCN 2,5/16-STF-5,08	1754937	50	91.28
17	FKCN 2,5/17-STF-5,08	1754940	50	96.36
18	FKCN 2,5/18-STF-5,08	1754953	50	101.44



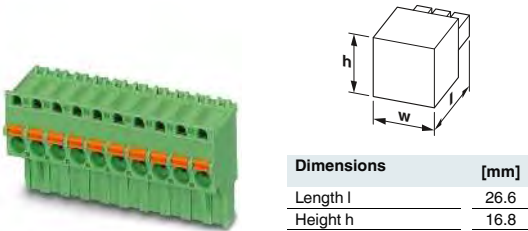
Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		24 - 16		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	320	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		24-14	-	24-14
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors
Conductor cross section up to 2.5 mm² (AWG 14)

PCB plug, Push-in spring connection, Pitch: 5 mm

FKCVR 2,5/...-ST



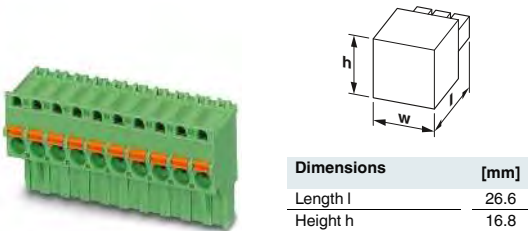
Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2 to 18 showing various configurations like FKCVR 2,5/ 2-ST, 3-ST, 4-ST, etc.



Technical data table for PCB plug. Columns: Connection system / type of contact, Locking, Connection capacity, Solid / stranded, Stranded with ferrules, etc. Includes data for CLASSIC COMBICON / Female connector without.

PCB plug, Push-in spring connection, Pitch: 5.08 mm

FKCVR 2,5/...-ST



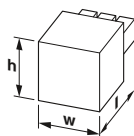
Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2 to 16 showing configurations like FKCVR 2,5/ 2-ST-5,08, 3-ST-5,08, etc.



Technical data table for PCB plug. Columns: Connection system / type of contact, Locking, Connection capacity, Solid / stranded, Stranded with ferrules, etc. Includes data for CLASSIC COMBICON / Female connector without.

PCB plug, Push-in spring connection, Pitch: 5 mm

FKCVR 2,5/...-STF



Dimensions	[mm]
Length l	26.6
Height h	16.8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FKCVR 2,5/ 2-STF	1909883	50	20.02
3	FKCVR 2,5/ 3-STF	1909896	50	25.02
4	FKCVR 2,5/ 4-STF	1909906	50	30.02
5	FKCVR 2,5/ 5-STF	1909919	50	35.02
6	FKCVR 2,5/ 6-STF	1909922	50	40.02
7	FKCVR 2,5/ 7-STF	1909935	50	45.02
8	FKCVR 2,5/ 8-STF	1909948	50	50.02
9	FKCVR 2,5/ 9-STF	1909951	50	55.02
10	FKCVR 2,5/10-STF	1909964	50	60.02
11	FKCVR 2,5/11-STF	1909977	50	65.02
12	FKCVR 2,5/12-STF	1909980	50	70.02
13	FKCVR 2,5/13-STF	1909993	50	75.02
14	FKCVR 2,5/14-STF	1910005	50	80.02
15	FKCVR 2,5/15-STF	1910018	50	85.02
16	FKCVR 2,5/16-STF	1910021	50	90.02

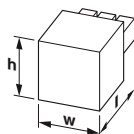


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		26-12	-	26-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 5.08 mm

FKCVR 2,5/...-STF



Dimensions	[mm]
Length l	26.6
Height h	16.8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FKCVR 2,5/ 2-STF-5,08	1874109	50	20.26
3	FKCVR 2,5/ 3-STF-5,08	1874112	50	25.34
4	FKCVR 2,5/ 4-STF-5,08	1874125	50	30.42
5	FKCVR 2,5/ 5-STF-5,08	1874138	50	35.5
6	FKCVR 2,5/ 6-STF-5,08	1874141	50	40.58
7	FKCVR 2,5/ 7-STF-5,08	1874154	50	45.66
8	FKCVR 2,5/ 8-STF-5,08	1874167	50	50.74
9	FKCVR 2,5/ 9-STF-5,08	1874170	50	55.82
10	FKCVR 2,5/10-STF-5,08	1874183	50	60.9
11	FKCVR 2,5/11-STF-5,08	1874196	50	65.98
12	FKCVR 2,5/12-STF-5,08	1874206	50	71.06
13	FKCVR 2,5/13-STF-5,08	1874219	50	76.14
14	FKCVR 2,5/14-STF-5,08	1874222	50	81.22
15	FKCVR 2,5/15-STF-5,08	1874235	50	86.3
16	FKCVR 2,5/16-STF-5,08	1874248	50	91.38



Technical data

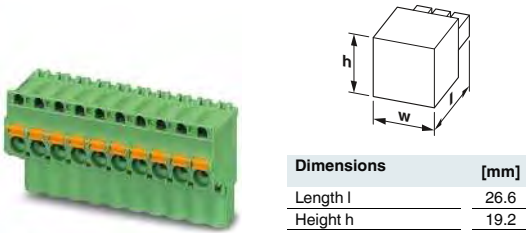
Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		26-12	-	26-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 2.5 mm² (AWG 14)

PCB plug, Push-in spring connection, Pitch: 5 mm

FKCVW 2,5/...-ST



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FKCVW 2,5/ 2-ST	1910034	50	10.1
3	FKCVW 2,5/ 3-ST	1910047	50	15.1
4	FKCVW 2,5/ 4-ST	1910050	50	20.1
5	FKCVW 2,5/ 5-ST	1910063	50	25.1
6	FKCVW 2,5/ 6-ST	1910076	50	30.1
7	FKCVW 2,5/ 7-ST	1910089	50	35.1
8	FKCVW 2,5/ 8-ST	1910092	50	40.1
9	FKCVW 2,5/ 9-ST	1910102	50	45.1
10	FKCVW 2,5/10-ST	1910115	50	50.1
11	FKCVW 2,5/11-ST	1910128	50	55.1
12	FKCVW 2,5/12-ST	1910131	50	60.1
13	FKCVW 2,5/13-ST	1910144	50	65.1
14	FKCVW 2,5/14-ST	1910157	50	70.1
15	FKCVW 2,5/15-ST	1910160	50	75.1
16	FKCVW 2,5/16-ST	1910173	50	80.1
17	FKCVW 2,5/17-ST	1910186	50	85.1
18	FKCVW 2,5/18-ST	1910199	50	90.1

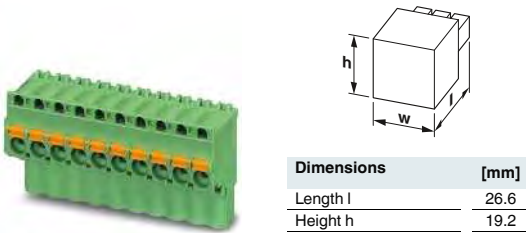


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		26-12	-	26-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 5.08 mm

FKCVW 2,5/...-ST



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FKCVW 2,5/ 2-ST-5,08	1873650	50	10.78
3	FKCVW 2,5/ 3-ST-5,08	1873663	50	15.86
4	FKCVW 2,5/ 4-ST-5,08	1873676	50	20.94
5	FKCVW 2,5/ 5-ST-5,08	1873689	50	26.02
6	FKCVW 2,5/ 6-ST-5,08	1873692	50	31.1
7	FKCVW 2,5/ 7-ST-5,08	1873702	50	36.18
8	FKCVW 2,5/ 8-ST-5,08	1873715	50	41.26
9	FKCVW 2,5/ 9-ST-5,08	1873728	50	46.34
10	FKCVW 2,5/10-ST-5,08	1873731	50	51.42
11	FKCVW 2,5/11-ST-5,08	1873744	50	56.5
12	FKCVW 2,5/12-ST-5,08	1873757	50	61.58
13	FKCVW 2,5/13-ST-5,08	1873760	50	66.66
14	FKCVW 2,5/14-ST-5,08	1873773	50	71.74
15	FKCVW 2,5/15-ST-5,08	1873786	50	76.82
16	FKCVW 2,5/16-ST-5,08	1873799	50	81.9

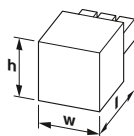


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		26-12	-	26-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 5 mm

FKCVW 2,5/...STF



Dimensions	[mm]
Length l	26.6
Height h	19.1



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FKCVW 2,5/ 2-STF	1910209	50	20.02
3	FKCVW 2,5/ 3-STF	1910212	50	25.02
4	FKCVW 2,5/ 4-STF	1910225	50	30.02
5	FKCVW 2,5/ 5-STF	1910238	50	35.02
6	FKCVW 2,5/ 6-STF	1910241	50	40.02
7	FKCVW 2,5/ 7-STF	1910254	50	45.02
8	FKCVW 2,5/ 8-STF	1910267	50	50.02
9	FKCVW 2,5/ 9-STF	1910270	50	55.02
10	FKCVW 2,5/10-STF	1910283	50	60.02
11	FKCVW 2,5/11-STF	1910296	50	65.02
12	FKCVW 2,5/12-STF	1910306	50	70.02
13	FKCVW 2,5/13-STF	1910319	50	75.02
14	FKCVW 2,5/14-STF	1910322	50	80.02
15	FKCVW 2,5/15-STF	1910335	50	85.02
16	FKCVW 2,5/16-STF	1910348	50	90.02

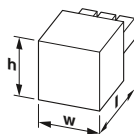


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		26-12	-	26-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 5.08 mm

FKCVW 2,5/...STF



Dimensions	[mm]
Length l	26.6
Height h	19.2



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FKCVW 2,5/ 2-STF-5,08	1873809	50	20.26
3	FKCVW 2,5/ 3-STF-5,08	1873812	50	25.34
4	FKCVW 2,5/ 4-STF-5,08	1873825	50	30.42
5	FKCVW 2,5/ 5-STF-5,08	1873838	50	35.5
6	FKCVW 2,5/ 6-STF-5,08	1873841	50	40.58
7	FKCVW 2,5/ 7-STF-5,08	1873854	50	45.66
8	FKCVW 2,5/ 8-STF-5,08	1873867	50	50.74
9	FKCVW 2,5/ 9-STF-5,08	1873870	50	55.82
10	FKCVW 2,5/10-STF-5,08	1873883	50	60.9
11	FKCVW 2,5/11-STF-5,08	1873896	50	65.98
12	FKCVW 2,5/12-STF-5,08	1873906	50	71.06
13	FKCVW 2,5/13-STF-5,08	1873919	50	76.14
14	FKCVW 2,5/14-STF-5,08	1873922	50	81.22
15	FKCVW 2,5/15-STF-5,08	1873935	50	86.3
16	FKCVW 2,5/16-STF-5,08	1873948	50	91.38



Technical data

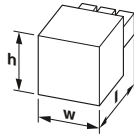
Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		26-12	-	26-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 2.5 mm² (AWG 14)

PCB plug, Push-in spring connection, Pitch: 5.08 mm

FKCOR 2,5/...ST



Dimensions	[mm]
Length l	23.7
Height h	14.3



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FKCOR 2,5/ 2-ST-5,08	1861234	250	10.03
3	FKCOR 2,5/ 3-ST-5,08	1861247	250	15.11
4	FKCOR 2,5/ 4-ST-5,08	1861250	250	20.19
5	FKCOR 2,5/ 5-ST-5,08	1861263	100	25.27
6	FKCOR 2,5/ 6-ST-5,08	1861276	100	30.35
7	FKCOR 2,5/ 7-ST-5,08	1861289	100	35.43
8	FKCOR 2,5/ 8-ST-5,08	1861292	100	40.51
9	FKCOR 2,5/ 9-ST-5,08	1861302	100	45.59
10	FKCOR 2,5/10-ST-5,08	1861315	100	50.67
11	FKCOR 2,5/11-ST-5,08	1861328	50	55.75
12	FKCOR 2,5/12-ST-5,08	1861331	50	60.83
13	FKCOR 2,5/13-ST-5,08	1861344	50	65.91
14	FKCOR 2,5/14-ST-5,08	1861357	50	70.99
15	FKCOR 2,5/15-ST-5,08	1861360	50	76.07
16	FKCOR 2,5/16-ST-5,08	1861373	50	81.15
17	FKCOR 2,5/17-ST-5,08	1861386	50	86.23
18	FKCOR 2,5/18-ST-5,08	1861399	50	91.31
19	FKCOR 2,5/19-ST-5,08	1861409	50	96.39
20	FKCOR 2,5/20-ST-5,08	1861412	50	101.47
21	FKCOR 2,5/21-ST-5,08	1861425	50	106.55
22	FKCOR 2,5/22-ST-5,08	1861438	50	111.63
23	FKCOR 2,5/23-ST-5,08	1861441	50	116.71
24	FKCOR 2,5/24-ST-5,08	1861454	50	121.79

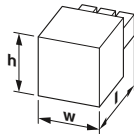


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.14 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 12	-	300 / 10
AWG		26-12	-	26-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 5.08 mm

FKCOR 2,5/...STF



Dimensions	[mm]
Length l	23.7
Height h	14.3



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FKCOR 2,5/ 2-STF-5,08	1861467	250	20.14
3	FKCOR 2,5/ 3-STF-5,08	1861470	250	25.22
4	FKCOR 2,5/ 4-STF-5,08	1861483	250	30.3
5	FKCOR 2,5/ 5-STF-5,08	1861496	100	35.38
6	FKCOR 2,5/ 6-STF-5,08	1861506	100	40.46
7	FKCOR 2,5/ 7-STF-5,08	1861519	100	45.54
8	FKCOR 2,5/ 8-STF-5,08	1861522	100	50.62
9	FKCOR 2,5/ 9-STF-5,08	1861535	100	55.7
10	FKCOR 2,5/10-STF-5,08	1861548	100	60.78
11	FKCOR 2,5/11-STF-5,08	1861551	50	65.86
12	FKCOR 2,5/12-STF-5,08	1861564	50	70.94
13	FKCOR 2,5/13-STF-5,08	1861577	50	76.02
14	FKCOR 2,5/14-STF-5,08	1861580	50	81.1
15	FKCOR 2,5/15-STF-5,08	1861593	50	86.18
16	FKCOR 2,5/16-STF-5,08	1861603	50	91.26
17	FKCOR 2,5/17-STF-5,08	1861616	50	96.34
18	FKCOR 2,5/18-STF-5,08	1861629	50	101.42
19	FKCOR 2,5/19-STF-5,08	1861632	50	106.5
20	FKCOR 2,5/20-STF-5,08	1861645	50	111.58
21	FKCOR 2,5/21-STF-5,08	1861658	50	116.66
22	FKCOR 2,5/22-STF-5,08	1861661	50	121.74
23	FKCOR 2,5/23-STF-5,08	1861674	50	126.82
24	FKCOR 2,5/24-STF-5,08	1861687	50	131.9

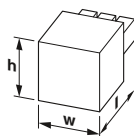


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.14 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 12	-	300 / 10
AWG		26-12	-	26-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 5.08 mm

FKCOR 2,5/...-ST-LR



Dimensions	[mm]
Length l	29.1
Height h	14.7

UL

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FKCOR 2,5/ 2-ST-5,08-LR	1861690	250	19.16
3	FKCOR 2,5/ 3-ST-5,08-LR	1861700	250	24.24
4	FKCOR 2,5/ 4-ST-5,08-LR	1861713	250	29.32
5	FKCOR 2,5/ 5-ST-5,08-LR	1861726	100	34.4
6	FKCOR 2,5/ 6-ST-5,08-LR	1861739	100	39.48
7	FKCOR 2,5/ 7-ST-5,08-LR	1861742	100	44.56
8	FKCOR 2,5/ 8-ST-5,08-LR	1861755	100	49.64
9	FKCOR 2,5/ 9-ST-5,08-LR	1861768	100	54.72
10	FKCOR 2,5/10-ST-5,08-LR	1861771	100	59.8
11	FKCOR 2,5/11-ST-5,08-LR	1861784	50	64.88
12	FKCOR 2,5/12-ST-5,08-LR	1861797	50	69.96
13	FKCOR 2,5/13-ST-5,08-LR	1861807	50	75.04
14	FKCOR 2,5/14-ST-5,08-LR	1861810	50	80.12
15	FKCOR 2,5/15-ST-5,08-LR	1861823	50	85.2
16	FKCOR 2,5/16-ST-5,08-LR	1861836	50	90.28
17	FKCOR 2,5/17-ST-5,08-LR	1861849	50	95.36
18	FKCOR 2,5/18-ST-5,08-LR	1861852	50	100.44
19	FKCOR 2,5/19-ST-5,08-LR	1861865	50	105.52
20	FKCOR 2,5/20-ST-5,08-LR	1861878	50	110.6
21	FKCOR 2,5/21-ST-5,08-LR	1861881	50	115.68
22	FKCOR 2,5/22-ST-5,08-LR	1861894	50	120.76
23	FKCOR 2,5/23-ST-5,08-LR	1861904	50	125.84
24	FKCOR 2,5/24-ST-5,08-LR	1861917	50	130.92

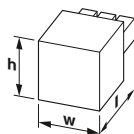


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		Lock & release threaded flange		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.14 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 12	-	300 / 10
AWG		26-12	-	26-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 5.08 mm

FKCOW 2,5/...-ST



Dimensions	[mm]
Length l	23.7
Height h	16.8

UL

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FKCOW 2,5/ 2-ST-5,08	1860549	250	10.03
3	FKCOW 2,5/ 3-ST-5,08	1860552	250	15.11
4	FKCOW 2,5/ 4-ST-5,08	1860565	250	20.19
5	FKCOW 2,5/ 5-ST-5,08	1860578	100	25.27
6	FKCOW 2,5/ 6-ST-5,08	1860581	100	30.35
7	FKCOW 2,5/ 7-ST-5,08	1860594	100	35.43
8	FKCOW 2,5/ 8-ST-5,08	1860604	100	40.51
9	FKCOW 2,5/ 9-ST-5,08	1860617	100	45.59
10	FKCOW 2,5/10-ST-5,08	1860620	100	50.67
11	FKCOW 2,5/11-ST-5,08	1860633	50	55.75
12	FKCOW 2,5/12-ST-5,08	1860646	50	60.83
13	FKCOW 2,5/13-ST-5,08	1860659	50	65.91
14	FKCOW 2,5/14-ST-5,08	1860662	50	70.99
15	FKCOW 2,5/15-ST-5,08	1860675	50	76.07
16	FKCOW 2,5/16-ST-5,08	1860688	50	81.15
17	FKCOW 2,5/17-ST-5,08	1860691	50	86.23
18	FKCOW 2,5/18-ST-5,08	1860701	50	91.31
19	FKCOW 2,5/19-ST-5,08	1860714	50	96.39
20	FKCOW 2,5/20-ST-5,08	1860727	50	101.47
21	FKCOW 2,5/21-ST-5,08	1860730	50	106.55
22	FKCOW 2,5/22-ST-5,08	1860743	50	111.63
23	FKCOW 2,5/23-ST-5,08	1860756	50	116.71
24	FKCOW 2,5/24-ST-5,08	1860769	50	121.79



Technical data

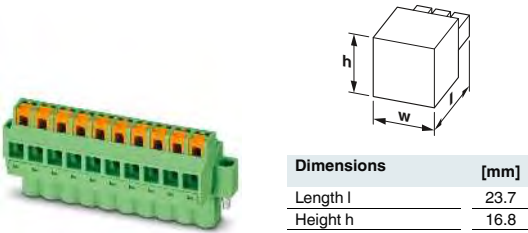
Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.14 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 12	-	300 / 10
AWG		26-12	-	26-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 2.5 mm² (AWG 14)

PCB plug, Push-in spring connection, Pitch: 5.08 mm

FKCOW 2,5/...-STF



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FKCOW 2,5/ 2-STF-5,08	1860772	250	20.14
3	FKCOW 2,5/ 3-STF-5,08	1860785	250	25.22
4	FKCOW 2,5/ 4-STF-5,08	1860798	250	30.3
5	FKCOW 2,5/ 5-STF-5,08	1860808	100	35.38
6	FKCOW 2,5/ 6-STF-5,08	1860811	100	40.46
7	FKCOW 2,5/ 7-STF-5,08	1860824	100	45.54
8	FKCOW 2,5/ 8-STF-5,08	1860837	100	50.62
9	FKCOW 2,5/ 9-STF-5,08	1860840	100	55.7
10	FKCOW 2,5/10-STF-5,08	1860853	100	60.78
11	FKCOW 2,5/11-STF-5,08	1860866	50	65.86
12	FKCOW 2,5/12-STF-5,08	1860879	50	70.94
13	FKCOW 2,5/13-STF-5,08	1860882	50	76.02
14	FKCOW 2,5/14-STF-5,08	1860895	50	81.1
15	FKCOW 2,5/15-STF-5,08	1860905	50	86.18
16	FKCOW 2,5/16-STF-5,08	1860918	50	91.26
17	FKCOW 2,5/17-STF-5,08	1860921	50	96.34
18	FKCOW 2,5/18-STF-5,08	1860934	50	101.42
19	FKCOW 2,5/19-STF-5,08	1860947	50	106.5
20	FKCOW 2,5/20-STF-5,08	1860950	50	111.58
21	FKCOW 2,5/21-STF-5,08	1860963	50	116.66
22	FKCOW 2,5/22-STF-5,08	1860976	50	121.74
23	FKCOW 2,5/23-STF-5,08	1860989	50	126.82
24	FKCOW 2,5/24-STF-5,08	1860992	50	131.9

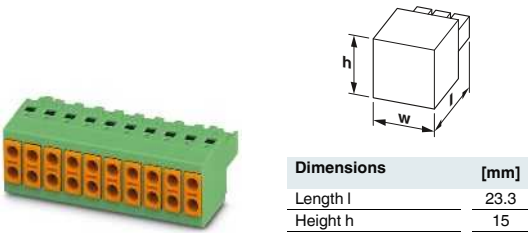


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.14 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 12	-	300 / 10
AWG		26-12	-	26-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 5 mm

TVFKC 1,5/...-ST, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	TVFKC 1,5/ 2-ST	1713839	50	10
3	TVFKC 1,5/ 3-ST	1713842	50	15
4	TVFKC 1,5/ 4-ST	1713855	50	20
5	TVFKC 1,5/ 5-ST	1713868	50	25
6	TVFKC 1,5/ 6-ST	1713871	50	30
7	TVFKC 1,5/ 7-ST	1713884	50	35
8	TVFKC 1,5/ 8-ST	1713897	50	40
9	TVFKC 1,5/ 9-ST	1713907	50	45
10	TVFKC 1,5/10-ST	1713910	50	50

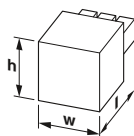


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 1.5		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-		
Conductor cross section AWG/kcmil		24 - 16		
Stripping length	[mm]	8		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	10 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 8	-	300 / 8
AWG		24-16	-	24-16
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 5.08 mm

TFKC 2,5/..-ST



Dimensions	[mm]
Length l	25.7
Height h	22.1



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	TFKC 2,5/ 2-ST-5,08	1962600	50	10.06
3	TFKC 2,5/ 3-ST-5,08	1962613	50	15.14
4	TFKC 2,5/ 4-ST-5,08	1962626	50	20.22
5	TFKC 2,5/ 5-ST-5,08	1962639	50	25.3
6	TFKC 2,5/ 6-ST-5,08	1962642	50	30.38
7	TFKC 2,5/ 7-ST-5,08	1962655	50	35.46
8	TFKC 2,5/ 8-ST-5,08	1962668	50	40.54
9	TFKC 2,5/ 9-ST-5,08	1962671	50	45.62
10	TFKC 2,5/10-ST-5,08	1962684	50	50.7

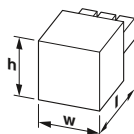


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	320	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		26-12	-	26-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 5.08 mm

TFKC 2,5/..-STF

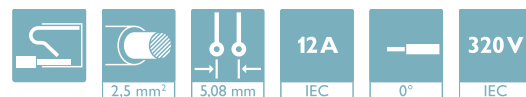


Dimensions	[mm]
Length l	25.7
Height h	22.1



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	TFKC 2,5/ 2-STF-5,08	1962697	50	19.96
3	TFKC 2,5/ 3-STF-5,08	1962707	50	25.04
4	TFKC 2,5/ 4-STF-5,08	1962710	50	30.12
5	TFKC 2,5/ 5-STF-5,08	1962723	50	35.2
6	TFKC 2,5/ 6-STF-5,08	1962736	50	40.28
7	TFKC 2,5/ 7-STF-5,08	1962749	50	45.36
8	TFKC 2,5/ 8-STF-5,08	1962752	50	50.44
9	TFKC 2,5/ 9-STF-5,08	1962765	50	55.52
10	TFKC 2,5/10-STF-5,08	1962778	50	60.6



Technical data

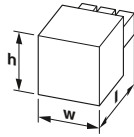
Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	320	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		26-12	-	26-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 2.5 mm² (AWG 14)

PCB plug, Push-in spring connection, Pitch: 7.5 mm

GFKC 2,5/...-ST



Dimensions	[mm]
Length l	25.6
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GFKC 2,5/ 2-ST-7,5	1939413	50	13.2
3	GFKC 2,5/ 3-ST-7,5	1939426	50	20.7
4	GFKC 2,5/ 4-ST-7,5	1939439	50	28.2
5	GFKC 2,5/ 5-ST-7,5	1939442	50	35.7
6	GFKC 2,5/ 6-ST-7,5	1939455	50	43.2
7	GFKC 2,5/ 7-ST-7,5	1939468	50	50.7
8	GFKC 2,5/ 8-ST-7,5	1939471	50	58.2
9	GFKC 2,5/ 9-ST-7,5	1939484	50	65.7
10	GFKC 2,5/10-ST-7,5	1939497	50	73.2
11	GFKC 2,5/11-ST-7,5	1939507	50	80.7
12	GFKC 2,5/12-ST-7,5	1939510	50	88.2

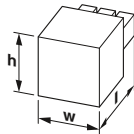


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	400	630	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		26-12	-	26-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 12	-	300 / 10
AWG		24-12	-	24-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 7.62 mm

GFKC 2,5/...-ST



Dimensions	[mm]
Length l	25.56
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GFKC 2,5/ 2-ST-7,62	1939633	50	13.32
3	GFKC 2,5/ 3-ST-7,62	1939646	50	20.94
4	GFKC 2,5/ 4-ST-7,62	1939659	50	28.56
5	GFKC 2,5/ 5-ST-7,62	1939662	50	36.18
6	GFKC 2,5/ 6-ST-7,62	1939675	50	43.8
7	GFKC 2,5/ 7-ST-7,62	1939688	50	51.42
8	GFKC 2,5/ 8-ST-7,62	1939691	50	59.04
9	GFKC 2,5/ 9-ST-7,62	1939701	50	66.66
10	GFKC 2,5/10-ST-7,62	1939714	50	74.28
11	GFKC 2,5/11-ST-7,62	1939727	50	81.9
12	GFKC 2,5/12-ST-7,62	1939730	50	89.52

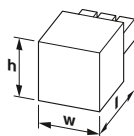


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	400	630	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		26-12	-	26-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 12	-	300 / 10
AWG		24-12	-	24-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 7.62 mm

GFKC 2,5/...-STF



Dimensions [mm]	
Length l	25.6
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GFKC 2,5/ 2-STF-7,62	1939743	50	24.84
3	GFKC 2,5/ 3-STF-7,62	1939756	50	32.46
4	GFKC 2,5/ 4-STF-7,62	1939769	50	40.08
5	GFKC 2,5/ 5-STF-7,62	1939772	50	47.7
6	GFKC 2,5/ 6-STF-7,62	1939785	50	55.32
7	GFKC 2,5/ 7-STF-7,62	1939798	50	62.94
8	GFKC 2,5/ 8-STF-7,62	1939808	50	70.56
9	GFKC 2,5/ 9-STF-7,62	1939811	50	78.18
10	GFKC 2,5/10-STF-7,62	1939824	50	85.8
11	GFKC 2,5/11-STF-7,62	1939837	50	93.42
12	GFKC 2,5/12-STF-7,62	1939840	50	101.04

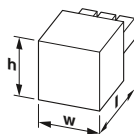


Technical data

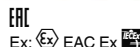
Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	400	630	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		26-12	-	26-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 12	-	300 / 10
AWG		24-12	-	24-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 7.62 mm

GFKC 2,5/...-STF-EX



Dimensions [mm]	
Length l	25.6
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GFKC 2,5/ 2-STF-7,62 EX	1796212	50	24.84
3	GFKC 2,5/ 3-STF-7,62 EX	1796225	50	32.46
4	GFKC 2,5/ 4-STF-7,62 EX	1796238	50	40.08
5	GFKC 2,5/ 5-STF-7,62 EX	1796241	50	47.7
6	GFKC 2,5/ 6-STF-7,62 EX	1796254	50	55.32
7	GFKC 2,5/ 7-STF-7,62 EX	1796267	50	62.94
8	GFKC 2,5/ 8-STF-7,62 EX	1796270	50	70.56
9	GFKC 2,5/ 9-STF-7,62 EX	1796283	50	78.18
9	GFKC 2,5/ 9-STF-7,62 EX	1796283	50	78.18
11	GFKC 2,5/11-STF-7,62 EX	1796306	50	93.42
12	GFKC 2,5/12-STF-7,62 EX	1796319	50	101.04



Technical data

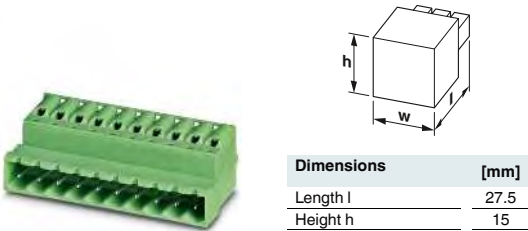
Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		Screw flange		
Ex marking		0344 Ex II 2GD Ex e IIC Gb		
Examination certificate		KEMA 10ATEX0196 U		
IECEx certificate		IECEx KEM 10.0093U		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
Solid / stranded	AWG	- / 24 - 12		
Stripping length	[mm]	- 10		
Tightening torque clamping space	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5		
Rated voltage	[V]	352		
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 2.5 mm² (AWG 14)

PCB plug, Push-in spring connection, Pitch: 5.08 mm

FKIC 2,5/-ST



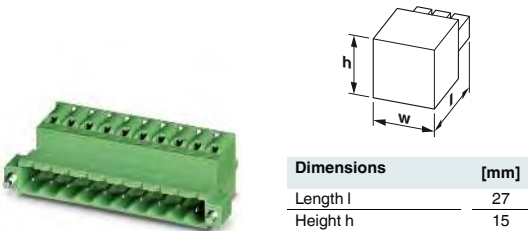
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FKIC 2,5/ 2-ST-5,08	1873359	100	12.16
3	FKIC 2,5/ 3-ST-5,08	1873362	100	17.24
4	FKIC 2,5/ 4-ST-5,08	1873375	100	22.32
5	FKIC 2,5/ 5-ST-5,08	1873388	100	27.4
6	FKIC 2,5/ 6-ST-5,08	1873391	50	32.48
7	FKIC 2,5/ 7-ST-5,08	1873401	50	37.56
8	FKIC 2,5/ 8-ST-5,08	1873414	50	42.64
9	FKIC 2,5/ 9-ST-5,08	1873427	50	47.72
10	FKIC 2,5/10-ST-5,08	1873430	50	52.8
11	FKIC 2,5/11-ST-5,08	1873443	50	57.88
12	FKIC 2,5/12-ST-5,08	1873456	50	62.96
13	FKIC 2,5/13-ST-5,08	1873469	50	68.04
14	FKIC 2,5/14-ST-5,08	1873472	50	73.12
15	FKIC 2,5/15-ST-5,08	1873485	50	78.2
16	FKIC 2,5/16-ST-5,08	1873498	50	83.28
17	FKIC 2,5/17-ST-5,08	1982855	50	88.36



Technical data			
Connection system / type of contact		CLASSIC COMBICON / Male connector	
Locking		without	
Connection capacity			
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5	
2 conductors with same cross section solid / stranded	[mm²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5	
Conductor cross section AWG/kcmil		24 - 12	
Stripping length	[mm]	10	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5	
Surge voltage category/degree of pollution		III / 3	II / 2
Rated insulation voltage	[V]	320	630
Rated surge voltage	[kV]	4	4
Approval data (UL/CUL)			
Use Group		B	D
Nominal voltage/current	[V] / [A]	300 / 10	300 / 10
AWG		26-12	26-12
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

PCB plug, Push-in spring connection, Pitch: 5.08 mm

FKIC 2,5/-STF



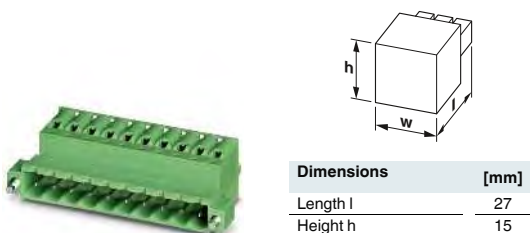
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FKIC 2,5/ 2-STF-5,08	1873508	50	20.24
3	FKIC 2,5/ 3-STF-5,08	1873511	50	25.32
4	FKIC 2,5/ 4-STF-5,08	1873524	50	30.4
5	FKIC 2,5/ 5-STF-5,08	1873537	50	35.48
6	FKIC 2,5/ 6-STF-5,08	1873540	50	40.56
7	FKIC 2,5/ 7-STF-5,08	1873553	50	45.64
8	FKIC 2,5/ 8-STF-5,08	1873566	50	50.72
9	FKIC 2,5/ 9-STF-5,08	1873579	50	55.8
10	FKIC 2,5/10-STF-5,08	1873582	50	60.88
11	FKIC 2,5/11-STF-5,08	1873595	50	65.96
12	FKIC 2,5/12-STF-5,08	1873605	50	71.04
13	FKIC 2,5/13-STF-5,08	1873618	50	76.12
14	FKIC 2,5/14-STF-5,08	1873621	50	81.2
15	FKIC 2,5/15-STF-5,08	1873634	50	86.28
16	FKIC 2,5/16-STF-5,08	1873647	50	91.36



Technical data			
Connection system / type of contact		CLASSIC COMBICON / Male connector	
Locking		Screw flange	
Connection capacity			
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5	
2 conductors with same cross section solid / stranded	[mm²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5	
Conductor cross section AWG/kcmil		24 - 12	
Stripping length	[mm]	10	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5	
Surge voltage category/degree of pollution		III / 3	II / 2
Rated insulation voltage	[V]	320	630
Rated surge voltage	[kV]	4	4
Approval data (UL/CUL)			
Use Group		B	D
Nominal voltage/current	[V] / [A]	300 / 10	300 / 10
AWG		26-12	26-12
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

PCB plug, Push-in spring connection, Pitch: 5.08 mm

FKIC 2,5/...-STF-EX



Dimensions	[mm]
Length l	27
Height h	15

Ex: EAC Ex

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FKIC 2,5/ 2-STF-5,08 EX	1810227	50	20.24
3	FKIC 2,5/ 3-STF-5,08 EX	1810230	50	25.32
4	FKIC 2,5/ 4-STF-5,08 EX	1810243	50	30.4
5	FKIC 2,5/ 5-STF-5,08 EX	1810256	50	35.48
6	FKIC 2,5/ 6-STF-5,08 EX	1810269	50	40.56
7	FKIC 2,5/ 7-STF-5,08 EX	1810272	50	45.64
8	FKIC 2,5/ 8-STF-5,08 EX	1810285	50	50.72
9	FKIC 2,5/ 9-STF-5,08 EX	1810298	50	55.8
10	FKIC 2,5/10-STF-5,08 EX	1810308	50	60.88
11	FKIC 2,5/11-STF-5,08 EX	1810311	50	65.96
12	FKIC 2,5/12-STF-5,08 EX	1810324	50	71.04

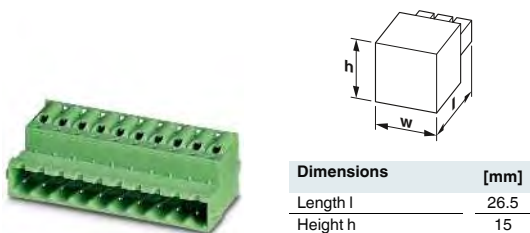


Technical data

Connection system / type of contact		CLASSIC COMBICON (EX) / Male connector
Locking		Screw flange
Ex marking		0344 Ex II 2GD Ex e IIC Gb
Examination certificate		KEMA 10ATEX0196 U
IECEX certificate		IECEX KEM 10.0093U
Connection capacity		
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5
Solid / stranded	AWG	- / 24 - 12
Stripping length	[mm]	- 10
Tightening torque clamping space	[Nm]	-
Electrical parameters		
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5
Rated voltage	[V]	176
General data		
Type of insulation material / insulation material group		PA / I
Inflammability class in acc. with UL 94		V0

PCB plug, Push-in spring connection, Pitch: 5 mm

FKIC 2,5/...-ST-RN



Dimensions	[mm]
Length l	26.5
Height h	15

Ex:

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FKIC 2,5/ 2-ST-RN	1946901	50	12
3	FKIC 2,5/ 3-ST-RN	1946914	50	17
4	FKIC 2,5/ 4-ST-RN	1946927	50	22
5	FKIC 2,5/ 5-ST-RN	1946930	50	27
6	FKIC 2,5/ 6-ST-RN	1946943	50	32
7	FKIC 2,5/ 7-ST-RN	1946956	50	37
8	FKIC 2,5/ 8-ST-RN	1946969	50	42
9	FKIC 2,5/ 9-ST-RN	1946972	50	47
10	FKIC 2,5/10-ST-RN	1946985	50	52
11	FKIC 2,5/11-ST-RN	1946998	50	57
12	FKIC 2,5/12-ST-RN	1947007	50	62
13	FKIC 2,5/13-ST-RN	1947010	50	67
14	FKIC 2,5/14-ST-RN	1947023	50	72
15	FKIC 2,5/15-ST-RN	1947036	50	77
16	FKIC 2,5/16-ST-RN	1947049	50	82



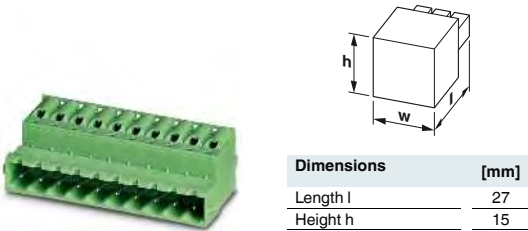
Technical data

Connection system / type of contact		CLASSIC COMBICON / Male connector		
Locking		Engagement nose		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1		
Conductor cross section AWG/kcmil		24 - 16		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		26-12	-	26-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors
Conductor cross section up to 2.5 mm² (AWG 14)

PCB plug, Push-in spring connection, Pitch: 5.08 mm

FKIC 2,5/...-ST-RN



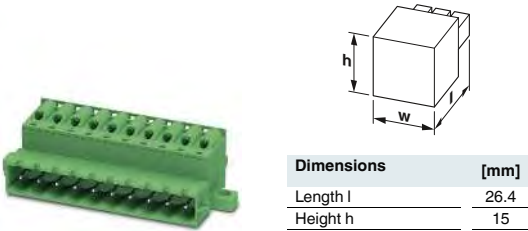
Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2 to 16.



Technical data table for FKIC 2,5/...-ST-RN. Includes connection system, locking, capacity, electrical parameters, and approval data.

PCB plug, Push-in spring connection, Pitch: 5.08 mm

FKICS 2,5/...-STD-RN



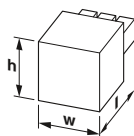
Ordering data table for FKICS 2,5/...-STD-RN. Includes columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2 to 16.



Technical data table for FKICS 2,5/...-STD-RN. Includes connection system, locking, capacity, electrical parameters, and approval data.

PCB plug, Push-in spring connection, Pitch: 7.62 mm

GFKIC 2,5/...-ST



Dimensions	[mm]
Length l	27.4
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GFKIC 2,5/ 2-ST-7,62	1761603	50	14.7
3	GFKIC 2,5/ 3-ST-7,62	1761616	50	22.32
4	GFKIC 2,5/ 4-ST-7,62	1761629	50	29.94
5	GFKIC 2,5/ 5-ST-7,62	1761632	50	37.56
6	GFKIC 2,5/ 6-ST-7,62	1761645	50	45.18
7	GFKIC 2,5/ 7-ST-7,62	1761658	50	52.8
8	GFKIC 2,5/ 8-ST-7,62	1761661	50	60.42
9	GFKIC 2,5/ 9-ST-7,62	1761674	50	68.04
10	GFKIC 2,5/10-ST-7,62	1761687	50	75.66
11	GFKIC 2,5/11-ST-7,62	1761690	50	83.28
12	GFKIC 2,5/12-ST-7,62	1761700	50	90.9

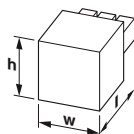


Technical data

Connection system / type of contact		CLASSIC COMBICON / Male connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	400	630	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		26-12	-	26-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Displacement connection, Pitch: 5.08 mm

QC 1/...-ST



Dimensions	[mm]
Length l	33.8
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	QC 1/ 2-ST-5,08	1883255	50	10.98
3	QC 1/ 3-ST-5,08	1883268	50	16.06
4	QC 1/ 4-ST-5,08	1883271	50	21.14
5	QC 1/ 5-ST-5,08	1883284	50	26.22
6	QC 1/ 6-ST-5,08	1883297	50	31.3
7	QC 1/ 7-ST-5,08	1883307	50	36.38
8	QC 1/ 8-ST-5,08	1883310	50	41.46
9	QC 1/ 9-ST-5,08	1883323	50	46.54
10	QC 1/10-ST-5,08	1883336	50	51.62
11	QC 1/11-ST-5,08	1883349	50	56.7
12	QC 1/12-ST-5,08	1883705	50	61.78
13	QC 1/13-ST-5,08	1883815	50	66.86
14	QC 1/14-ST-5,08	1883828	50	71.94
15	QC 1/15-ST-5,08	1883831	50	77.02
16	QC 1/16-ST-5,08	1883844	50	82.1
17	QC 1/17-ST-5,08	1915974	50	87.18
18	QC 1/18-ST-5,08	1915987	50	92.26



Technical data

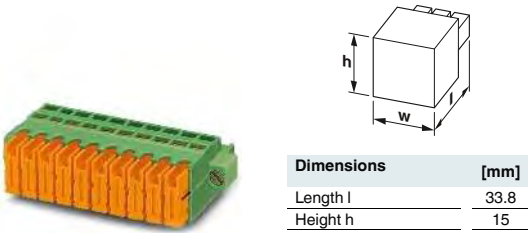
Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm²]	- / 0.5 - 1		
Stranded with ferrules without plastic sleeve	[mm²]	-		
Stranded with ferrules with plastic sleeve	[mm²]	-		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-		
Conductor cross section AWG/kcmil		20 - 18		
Stripping length	[mm]	-		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	10 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	500	630	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		22-18	-	22-18
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 2.5 mm² (AWG 14)

PCB plug, Displacement connection, Pitch: 5.08 mm

QC 1/...-STF



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	QC 1/ 2-STF-5,08	1883352	50	20.17
3	QC 1/ 3-STF-5,08	1883365	50	25.25
4	QC 1/ 4-STF-5,08	1883378	50	30.33
5	QC 1/ 5-STF-5,08	1883381	50	35.41
6	QC 1/ 6-STF-5,08	1883394	50	40.49
7	QC 1/ 7-STF-5,08	1883404	50	45.57
8	QC 1/ 8-STF-5,08	1883417	50	50.65
9	QC 1/ 9-STF-5,08	1883420	50	55.73
10	QC 1/10-STF-5,08	1883433	50	60.81
11	QC 1/11-STF-5,08	1883446	50	65.89
12	QC 1/12-STF-5,08	1883459	50	70.97
13	QC 1/13-STF-5,08	1883857	50	76.05
14	QC 1/14-STF-5,08	1883860	50	81.13
15	QC 1/15-STF-5,08	1883886	50	86.21
16	QC 1/16-STF-5,08	1883899	50	91.29

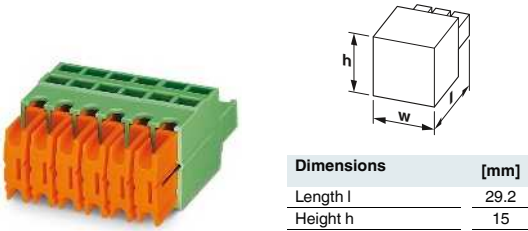


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	- / 0.5 - 1		
Stranded with ferrules without plastic sleeve	[mm ²]	-		
Stranded with ferrules with plastic sleeve	[mm ²]	-		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		20 - 18		
Stripping length	[mm]	-		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	10 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	500	630	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		22-18	-	22-18
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Displacement connection, Pitch: 5 mm

QC 1/...-ST-BUS



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	QC 1/ 2-ST-BUS	1921670	50	10.9
3	QC 1/ 3-ST-BUS	1921683	50	15.9
4	QC 1/ 4-ST-BUS	1921696	50	20.9
5	QC 1/ 5-ST-BUS	1921706	50	25.9
6	QC 1/ 6-ST-BUS	1921719	50	30.9

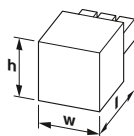


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	- / 0.5 - 1		
Stranded with ferrules without plastic sleeve	[mm ²]	-		
Stranded with ferrules with plastic sleeve	[mm ²]	-		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		20 - 18		
Stripping length	[mm]	-		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	10 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	500	630	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		22-18	-	22-18
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Displacement connection, Pitch: 5 mm

QC 1,5/-ST



Dimensions	[mm]
Length l	36.9
Height h	19.6

ERIE

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	QC 1,5/ 2-ST	1717961	50	11.4
3	QC 1,5/ 3-ST	1717974	50	16.4
4	QC 1,5/ 4-ST	1717987	50	21.4
5	QC 1,5/ 5-ST	1717990	50	26.4
6	QC 1,5/ 6-ST	1718009	50	31.4
7	QC 1,5/ 7-ST	1718012	50	36.4
8	QC 1,5/ 8-ST	1718025	50	41.4
9	QC 1,5/ 9-ST	1718038	50	46.4
10	QC 1,5/10-ST	1718041	50	51.4
11	QC 1,5/11-ST	1718054	50	56.4
12	QC 1,5/12-ST	1718067	50	61.4
13	QC 1,5/13-ST	1718070	50	66.4
14	QC 1,5/14-ST	1718083	50	71.4
15	QC 1,5/15-ST	1718096	50	76.4
16	QC 1,5/16-ST	1718106	50	81.4

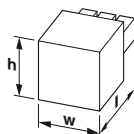


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5		
Stranded with ferrules without plastic sleeve	[mm²]	-		
Stranded with ferrules with plastic sleeve	[mm²]	-		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-		
Conductor cross section AWG/kcmil		24 - 16		
Stripping length	[mm]	-		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	500	630	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		24-16	-	24-16
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Displacement connection, Pitch: 5 mm

QC 1,5/-STF



Dimensions	[mm]
Length l	33.4
Height h	19.6

ERIE

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	QC 1,5/ 2-STF	1718119	50	19.9
3	QC 1,5/ 3-STF	1718122	50	24.9
4	QC 1,5/ 4-STF	1718135	50	29.9
5	QC 1,5/ 5-STF	1718148	50	34.9
6	QC 1,5/ 6-STF	1718151	50	39.9
7	QC 1,5/ 7-STF	1718164	50	44.9
8	QC 1,5/ 8-STF	1718177	50	49.9
9	QC 1,5/ 9-STF	1718180	50	54.9
10	QC 1,5/10-STF	1718193	50	59.9
11	QC 1,5/11-STF	1718203	50	64.9
12	QC 1,5/12-STF	1718216	50	69.9
13	QC 1,5/13-STF	1718229	50	74.9
14	QC 1,5/14-STF	1718232	50	79.9
15	QC 1,5/15-STF	1718245	50	84.9
16	QC 1,5/16-STF	1718258	50	89.9



Technical data

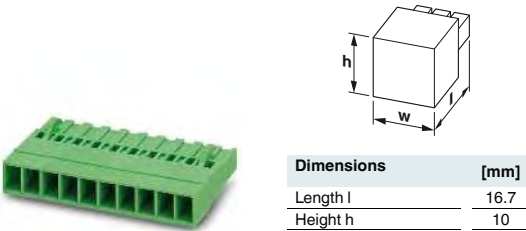
Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	-		
Stranded with ferrules with plastic sleeve	[mm ²]	-		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		24 - 16		
Stripping length	[mm]	-		
Tightening torque		-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	500	630	1000
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		24-16	-	24-16
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 2.5 mm² (AWG 14)

PCB plug, Crimp connection, Pitch: 5.08 mm

MSTBC 2,5/...-ST



Dimensions	[mm]
Length l	16.7
Height h	10

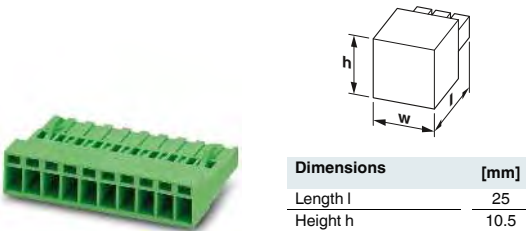


Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MSTBC 2,5/ 2-ST-5,08	1808816	50	10.12
3	MSTBC 2,5/ 3-ST-5,08	1808829	50	15.2
4	MSTBC 2,5/ 4-ST-5,08	1808832	50	20.28
5	MSTBC 2,5/ 5-ST-5,08	1808845	50	25.36
6	MSTBC 2,5/ 6-ST-5,08	1808858	50	30.44
7	MSTBC 2,5/ 7-ST-5,08	1808861	50	35.52
8	MSTBC 2,5/ 8-ST-5,08	1808874	50	40.6
9	MSTBC 2,5/ 9-ST-5,08	1808887	50	45.68
10	MSTBC 2,5/10-ST-5,08	1808890	50	50.76
11	MSTBC 2,5/11-ST-5,08	1808900	50	55.84
12	MSTBC 2,5/12-ST-5,08	1808913	50	60.92
13	MSTBC 2,5/13-ST-5,08	1808926	50	66
14	MSTBC 2,5/14-ST-5,08	1808939	50	71.08
15	MSTBC 2,5/15-ST-5,08	1808942	50	76.16
16	MSTBC 2,5/16-ST-5,08	1808955	50	81.24
17	MSTBC 2,5/17-ST-5,08	1808968	50	86.32
18	MSTBC 2,5/18-ST-5,08	1808971	50	91.4
19	MSTBC 2,5/19-ST-5,08	1808984	50	96.48
20	MSTBC 2,5/20-ST-5,08	1808997	50	101.56
21	MSTBC 2,5/21-ST-5,08	1809006	50	106.64
22	MSTBC 2,5/22-ST-5,08	1809019	50	111.72
23	MSTBC 2,5/23-ST-5,08	1809022	50	116.8
24	MSTBC 2,5/24-ST-5,08	1809035	50	121.88

PCB plug, Crimp connection, Pitch: 5.08 mm

MSTBC 2,5/...-STZ



Dimensions	[mm]
Length l	25
Height h	10.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MSTBC 2,5/ 2-STZ-5,08	1809501	50	10.12
3	MSTBC 2,5/ 3-STZ-5,08	1809514	50	15.2
4	MSTBC 2,5/ 4-STZ-5,08	1809527	50	20.28
5	MSTBC 2,5/ 5-STZ-5,08	1809530	50	25.36
6	MSTBC 2,5/ 6-STZ-5,08	1809543	50	30.44
7	MSTBC 2,5/ 7-STZ-5,08	1809556	50	35.52
8	MSTBC 2,5/ 8-STZ-5,08	1809569	50	40.6
9	MSTBC 2,5/ 9-STZ-5,08	1809572	50	45.68
10	MSTBC 2,5/10-STZ-5,08	1809585	50	50.76
11	MSTBC 2,5/11-STZ-5,08	1809598	50	55.84
12	MSTBC 2,5/12-STZ-5,08	1809608	50	60.92
13	MSTBC 2,5/13-STZ-5,08	1809611	50	66
14	MSTBC 2,5/14-STZ-5,08	1809624	50	71.08
15	MSTBC 2,5/15-STZ-5,08	1809637	50	76.16
16	MSTBC 2,5/16-STZ-5,08	1809640	50	81.24
17	MSTBC 2,5/17-STZ-5,08	1809653	50	86.32



Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	- / 0.5 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	-		
Stranded with ferrules with plastic sleeve	[mm ²]	-		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		20 - 14		
Stripping length	[mm]	-		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	320	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	250 / 10	-	300 / 10
AWG		20-14	-	20-14
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	-	-	-
AWG		-	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

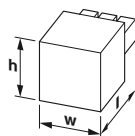


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm²]	- / 0.5 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	-		
Stranded with ferrules with plastic sleeve	[mm²]	-		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-		
Conductor cross section AWG/kcmil		20 - 14		
Stripping length	[mm]	-		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	320	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	250 / 10	-	300 / 10
AWG		20-14	-	20-14
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	-	-	-
AWG		-	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Crimp connection, Pitch: 5.08 mm

MSTBC 2,5/...-STZF



Dimensions	[mm]
Length l	25
Height h	10.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MSTBC 2,5/ 2-STZF-5,08	1809734	50	19.82
3	MSTBC 2,5/ 3-STZF-5,08	1809747	50	19.82
4	MSTBC 2,5/ 4-STZF-5,08	1809750	50	29.98
5	MSTBC 2,5/ 5-STZF-5,08	1809763	50	35.06
6	MSTBC 2,5/ 6-STZF-5,08	1809776	50	40.14
7	MSTBC 2,5/ 7-STZF-5,08	1809789	50	45.22
8	MSTBC 2,5/ 8-STZF-5,08	1809792	50	50.3
9	MSTBC 2,5/ 9-STZF-5,08	1809802	50	55.38
10	MSTBC 2,5/10-STZF-5,08	1809815	50	60.46
11	MSTBC 2,5/11-STZF-5,08	1809828	50	65.54
12	MSTBC 2,5/12-STZF-5,08	1809831	50	70.62
13	MSTBC 2,5/13-STZF-5,08	1809844	50	75.7
14	MSTBC 2,5/14-STZF-5,08	1809857	50	80.78
15	MSTBC 2,5/15-STZF-5,08	1809860	50	85.86
16	MSTBC 2,5/16-STZF-5,08	1809873	50	90.94
17	MSTBC 2,5/17-STZF-5,08	1809886	50	96.02
18	MSTBC 2,5/18-STZF-5,08	1809899	50	101.1
19	MSTBC 2,5/19-STZF-5,08	1809909	50	106.18
20	MSTBC 2,5/20-STZF-5,08	1809912	50	111.26
21	MSTBC 2,5/21-STZF-5,08	1809925	50	116.34
22	MSTBC 2,5/22-STZF-5,08	1809938	50	121.42
23	MSTBC 2,5/23-STZF-5,08	1809941	50	126.5
24	MSTBC 2,5/24-STZF-5,08	1809954	50	131.58

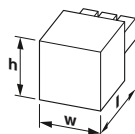


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	- / 0.5 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	-		
Stranded with ferrules with plastic sleeve	[mm ²]	-		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		20 - 14		
Stripping length	[mm]	-		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	320	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	250 / 10	-	300 / 10
AWG		20-14	-	20-14
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	-	-	-
AWG		-	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Crimp connection, Pitch: 5.08 mm

MSTBC 2,5/...-STZFD



Dimensions	[mm]
Length l	25
Height h	10.7



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MSTBC 2,5/ 2-STZFD-5,08	1809271	50	19.81
3	MSTBC 2,5/ 3-STZFD-5,08	1809284	50	24.89
4	MSTBC 2,5/ 4-STZFD-5,08	1809297	50	29.97
5	MSTBC 2,5/ 5-STZFD-5,08	1809307	50	35.05
6	MSTBC 2,5/ 6-STZFD-5,08	1809310	50	40.13
7	MSTBC 2,5/ 7-STZFD-5,08	1809323	50	45.21
8	MSTBC 2,5/ 8-STZFD-5,08	1809336	50	50.29
9	MSTBC 2,5/ 9-STZFD-5,08	1809349	50	55.37
10	MSTBC 2,5/10-STZFD-5,08	1809352	50	60.45
11	MSTBC 2,5/11-STZFD-5,08	1809365	50	65.53
12	MSTBC 2,5/12-STZFD-5,08	1809378	50	70.61
13	MSTBC 2,5/13-STZFD-5,08	1809381	50	75.69
14	MSTBC 2,5/14-STZFD-5,08	1809394	50	80.77
15	MSTBC 2,5/15-STZFD-5,08	1809404	50	85.85
16	MSTBC 2,5/16-STZFD-5,08	1809417	50	90.93
17	MSTBC 2,5/17-STZFD-5,08	1809420	50	96.01
18	MSTBC 2,5/18-STZFD-5,08	1809433	50	101.09
19	MSTBC 2,5/19-STZFD-5,08	1809446	50	106.17
20	MSTBC 2,5/20-STZFD-5,08	1809459	50	111.25
21	MSTBC 2,5/21-STZFD-5,08	1809462	50	116.33
22	MSTBC 2,5/22-STZFD-5,08	1809475	50	121.41
23	MSTBC 2,5/23-STZFD-5,08	1809488	50	126.49
24	MSTBC 2,5/24-STZFD-5,08	1809491	50	131.57



Technical data

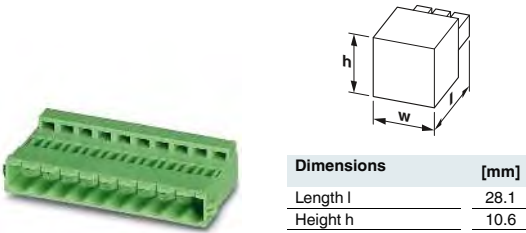
Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	- / 0.5 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	-		
Stranded with ferrules with plastic sleeve	[mm ²]	-		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		20 - 14		
Stripping length	[mm]	-		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	320	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	250 / 10	-	300 / 10
AWG		20-14	-	20-14
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	-	-	-
AWG		-	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 2.5 mm² (AWG 14)

PCB plug, Crimp connection, Pitch: 5.08 mm

ICC 2,5/..-STZ



Dimensions	[mm]
Length l	28.1
Height h	10.6



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	ICC 2,5/ 2-STZ-5,08	1823846	50	15.95
3	ICC 2,5/ 3-STZ-5,08	1823859	50	21.03
4	ICC 2,5/ 4-STZ-5,08	1823862	50	26.11
5	ICC 2,5/ 5-STZ-5,08	1823875	50	31.19
6	ICC 2,5/ 6-STZ-5,08	1823888	50	36.27
7	ICC 2,5/ 7-STZ-5,08	1823891	50	41.35
8	ICC 2,5/ 8-STZ-5,08	1823901	50	46.43
9	ICC 2,5/ 9-STZ-5,08	1823914	50	51.51
10	ICC 2,5/10-STZ-5,08	1823927	50	56.59
11	ICC 2,5/11-STZ-5,08	1823930	50	61.67
12	ICC 2,5/12-STZ-5,08	1823943	50	66.75
13	ICC 2,5/13-STZ-5,08	1823956	50	71.83
14	ICC 2,5/14-STZ-5,08	1823969	50	76.91
15	ICC 2,5/15-STZ-5,08	1823972	50	81.99
16	ICC 2,5/16-STZ-5,08	1823985	50	87.07
17	ICC 2,5/17-STZ-5,08	1823998	50	92.15
18	ICC 2,5/18-STZ-5,08	1824007	50	97.23
19	ICC 2,5/19-STZ-5,08	1824010	50	102.31
20	ICC 2,5/20-STZ-5,08	1824023	50	107.39
21	ICC 2,5/21-STZ-5,08	1824036	50	112.47
22	ICC 2,5/22-STZ-5,08	1824049	50	117.55
23	ICC 2,5/23-STZ-5,08	1824052	50	122.63
24	ICC 2,5/24-STZ-5,08	1824065	50	127.71

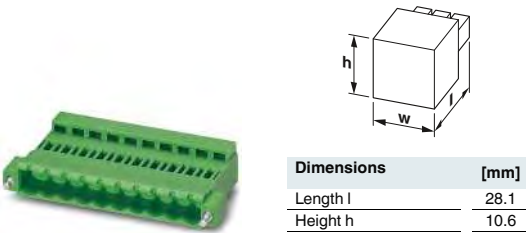


Technical data

Connection system / type of contact		CLASSIC COMBICON / Male connector		
Locking		Engagement nose		
Connection capacity				
Solid / stranded	[mm ²]	- / 0.5 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	-		
Stranded with ferrules with plastic sleeve	[mm ²]	-		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		20 - 14		
Stripping length	[mm]	-		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	250 / 10	-	300 / 10
AWG		20-14	-	20-14
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		20-14	-	20-14
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Crimp connection, Pitch: 5.08 mm

ICC 2,5/..-STZF



Dimensions	[mm]
Length l	28.1
Height h	10.6



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	ICC 2,5/ 2-STZF-5,08	1823383	50	20.08
3	ICC 2,5/ 3-STZF-5,08	1823396	50	25.16
4	ICC 2,5/ 4-STZF-5,08	1823406	50	30.24
5	ICC 2,5/ 5-STZF-5,08	1823419	50	35.32
6	ICC 2,5/ 6-STZF-5,08	1823422	50	40.4
7	ICC 2,5/ 7-STZF-5,08	1823435	50	45.48
8	ICC 2,5/ 8-STZF-5,08	1823448	50	50.56
9	ICC 2,5/ 9-STZF-5,08	1823451	50	55.64
10	ICC 2,5/10-STZF-5,08	1823464	50	60.72
11	ICC 2,5/11-STZF-5,08	1823477	50	65.8
12	ICC 2,5/12-STZF-5,08	1823480	50	70.88
13	ICC 2,5/13-STZF-5,08	1823493	50	75.96
14	ICC 2,5/14-STZF-5,08	1823503	50	81.04
15	ICC 2,5/15-STZF-5,08	1823516	50	86.12
16	ICC 2,5/16-STZF-5,08	1823529	50	91.2
17	ICC 2,5/17-STZF-5,08	1823532	50	96.28
18	ICC 2,5/18-STZF-5,08	1823545	50	101.36
19	ICC 2,5/19-STZF-5,08	1823558	50	106.44
20	ICC 2,5/20-STZF-5,08	1823561	50	111.52
21	ICC 2,5/21-STZF-5,08	1823574	50	116.6
22	ICC 2,5/22-STZF-5,08	1823587	50	121.68
23	ICC 2,5/23-STZF-5,08	1823590	50	126.76
24	ICC 2,5/24-STZF-5,08	1823600	50	131.84

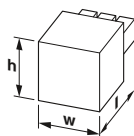


Technical data

Connection system / type of contact		CLASSIC COMBICON / Male connector	
Locking		Screw flange	
Connection capacity			
Solid / stranded	[mm²]	- / 0.5 - 2.5	
Stranded with ferrules without plastic sleeve	[mm²]	-	
Stranded with ferrules with plastic sleeve	[mm²]	-	
2 conductors with same cross section solid / stranded	[mm²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-	
Conductor cross section AWG/kcmil		20 - 14	
Stripping length	[mm]	-	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	12 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	250	320
Rated surge voltage	[kV]	4	4
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	250 / 10	300 / 10
AWG		20-14	20-14
Approval data (CSA)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 10	300 / 10
AWG		20-14	20-14
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

PCB plug, Crimp connection, Pitch: 5.08 mm

ICC 2,5/...-STZFD



Dimensions	[mm]
Length l	28.1
Height h	10.6



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	ICC 2,5/ 2-STZFD-5,08	1823613	50	19.07
3	ICC 2,5/ 3-STZFD-5,08	1823626	50	24.15
4	ICC 2,5/ 4-STZFD-5,08	1823639	50	29.23
5	ICC 2,5/ 5-STZFD-5,08	1823642	50	34.31
6	ICC 2,5/ 6-STZFD-5,08	1823655	50	39.39
7	ICC 2,5/ 7-STZFD-5,08	1823668	50	44.47
8	ICC 2,5/ 8-STZFD-5,08	1823671	50	49.55
9	ICC 2,5/ 9-STZFD-5,08	1823684	50	54.63
10	ICC 2,5/10-STZFD-5,08	1823697	50	59.71
11	ICC 2,5/11-STZFD-5,08	1823707	50	64.79
12	ICC 2,5/12-STZFD-5,08	1823710	50	69.87
13	ICC 2,5/13-STZFD-5,08	1823723	50	74.95
14	ICC 2,5/14-STZFD-5,08	1823736	50	80.03
15	ICC 2,5/15-STZFD-5,08	1823749	50	85.11
16	ICC 2,5/16-STZFD-5,08	1823752	50	90.19
17	ICC 2,5/17-STZFD-5,08	1823765	50	95.27
18	ICC 2,5/18-STZFD-5,08	1823778	50	100.35
19	ICC 2,5/19-STZFD-5,08	1823781	50	105.43
20	ICC 2,5/20-STZFD-5,08	1823794	50	110.51
21	ICC 2,5/21-STZFD-5,08	1823804	50	115.59
22	ICC 2,5/22-STZFD-5,08	1823817	50	120.67
23	ICC 2,5/23-STZFD-5,08	1823820	50	125.75
24	ICC 2,5/24-STZFD-5,08	1823833	50	130.83

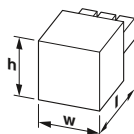


Technical data

Connection system / type of contact		CLASSIC COMBICON / Male connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	- / 0.5 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	-		
Stranded with ferrules with plastic sleeve	[mm ²]	-		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		20 - 14		
Stripping length	[mm]	-		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	250 / 10	-	300 / 10
AWG		20-14	-	20-14
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		20-14	-	20-14
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Direct plug-in block, Screw connection with tension sleeve, Pitch: 5.08 mm

MSTBU 2,5/...-STD



Dimensions	[mm]
Length l	25.5
Height h	17



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MSTBU 2,5/ 2-STD-5,08	1824120	50	20.04
3	MSTBU 2,5/ 3-STD-5,08	1824133	50	25.12
4	MSTBU 2,5/ 4-STD-5,08	1824146	50	30.2
5	MSTBU 2,5/ 5-STD-5,08	1824159	50	35.28
6	MSTBU 2,5/ 6-STD-5,08	1824162	50	40.36
7	MSTBU 2,5/ 7-STD-5,08	1824175	50	45.44
8	MSTBU 2,5/ 8-STD-5,08	1824188	50	50.52
9	MSTBU 2,5/ 9-STD-5,08	1824191	50	55.6
10	MSTBU 2,5/10-STD-5,08	1824201	50	60.68
11	MSTBU 2,5/11-STD-5,08	1824214	50	65.76
12	MSTBU 2,5/12-STD-5,08	1824227	50	70.84
13	MSTBU 2,5/13-STD-5,08	1824230	50	75.92
14	MSTBU 2,5/14-STD-5,08	1824243	50	81
15	MSTBU 2,5/15-STD-5,08	1824256	50	86.08
16	MSTBU 2,5/16-STD-5,08	1824269	50	91.16
17	MSTBU 2,5/17-STD-5,08	1824272	50	96.24
18	MSTBU 2,5/18-STD-5,08	1824285	50	101.32
19	MSTBU 2,5/19-STD-5,08	1824298	50	106.4
20	MSTBU 2,5/20-STD-5,08	1824308	50	111.48
21	MSTBU 2,5/21-STD-5,08	1824311	50	116.56
22	MSTBU 2,5/22-STD-5,08	1824324	50	121.64
24	MSTBU 2,5/24-STD-5,08	1824340	50	131.8



Technical data

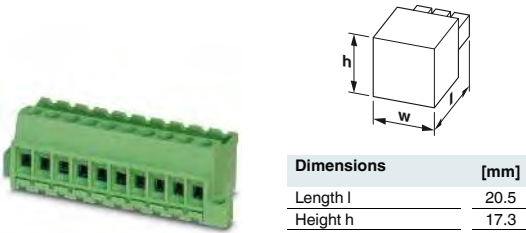
CONNECTION SYSTEM		CLASSIC COMBICON / Female connector		
Connection system / type of contact		without		
Locking				
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	320	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	250 / 12	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		28-12	-	28-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 2.5 mm² (AWG 14)

Direct plug-in block, Screw connection with tension sleeve, Pitch: 5.08 mm

MVSTBU 2,5/...-GB



Dimensions	[mm]
Length l	20.5
Height h	17.3



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MVSTBU 2,5/ 2-GB-5,08	1788538	50	21.48
3	MVSTBU 2,5/ 3-GB-5,08	1788541	50	26.56
4	MVSTBU 2,5/ 4-GB-5,08	1788554	50	31.64
5	MVSTBU 2,5/ 5-GB-5,08	1788567	50	36.72
6	MVSTBU 2,5/ 6-GB-5,08	1788570	50	41.8
7	MVSTBU 2,5/ 7-GB-5,08	1788583	50	46.88
8	MVSTBU 2,5/ 8-GB-5,08	1788596	50	51.96
9	MVSTBU 2,5/ 9-GB-5,08	1788606	50	57.04
10	MVSTBU 2,5/10-GB-5,08	1788619	50	62.12
11	MVSTBU 2,5/11-GB-5,08	1788622	50	67.2
12	MVSTBU 2,5/12-GB-5,08	1788635	50	72.28
13	MVSTBU 2,5/13-GB-5,08	1788648	50	77.36
14	MVSTBU 2,5/14-GB-5,08	1788651	50	82.44
15	MVSTBU 2,5/15-GB-5,08	1788664	50	87.52
16	MVSTBU 2,5/16-GB-5,08	1788677	50	92.6
17	MVSTBU 2,5/17-GB-5,08	1788680	50	97.68
18	MVSTBU 2,5/18-GB-5,08	1788693	50	102.76
19	MVSTBU 2,5/19-GB-5,08	1788703	50	107.84
20	MVSTBU 2,5/20-GB-5,08	1788716	50	112.92

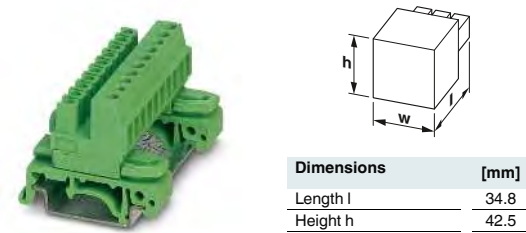


Technical data

Connection system / type of contact		CLASSIC COMBICON / Male connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	320	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	250 / 12	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		28-12	-	28-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

DIN rail connector, Screw connection with tension sleeve, Pitch: 5.08 mm

UMSTBVK 2,5/...-ST



Dimensions	[mm]
Length l	34.8
Height h	42.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
5	UMSTBVK 2,5/ 5-ST-5,08	1833849	50	26.92
6	UMSTBVK 2,5/ 6-ST-5,08	1833852	50	32
7	UMSTBVK 2,5/ 7-ST-5,08	1833865	50	37.08
8	UMSTBVK 2,5/ 8-ST-5,08	1833878	50	42.16
9	UMSTBVK 2,5/ 9-ST-5,08	1833881	50	47.24
10	UMSTBVK 2,5/10-ST-5,08	1833894	50	52.32
11	UMSTBVK 2,5/11-ST-5,08	1833904	50	57.4
12	UMSTBVK 2,5/12-ST-5,08	1833917	50	62.48
13	UMSTBVK 2,5/13-ST-5,08	1833920	50	67.56
14	UMSTBVK 2,5/14-ST-5,08	1833933	50	72.64
15	UMSTBVK 2,5/15-ST-5,08	1833946	50	77.72
16	UMSTBVK 2,5/16-ST-5,08	1833959	50	82.8

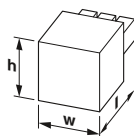


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	320	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	250 / 12	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		28-12	-	28-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

DIN rail connector, Screw connection with tension sleeve, Pitch: 5.08 mm

UMSTBVK 2,5/...-STF



Dimensions	[mm]
Length l	34.9
Height h	42.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
5	UMSTBVK 2,5/ 5-STF-5,08	1859205	50	35.52
6	UMSTBVK 2,5/ 6-STF-5,08	1859218	50	40.6
7	UMSTBVK 2,5/ 7-STF-5,08	1859221	50	45.68
8	UMSTBVK 2,5/ 8-STF-5,08	1859234	50	50.76
9	UMSTBVK 2,5/ 9-STF-5,08	1859247	50	55.84
10	UMSTBVK 2,5/10-STF-5,08	1859250	50	60.92
11	UMSTBVK 2,5/11-STF-5,08	1859263	50	66
12	UMSTBVK 2,5/12-STF-5,08	1859276	50	71.08
13	UMSTBVK 2,5/13-STF-5,08	1859289	50	76.16
14	UMSTBVK 2,5/14-STF-5,08	1859292	50	81.24
15	UMSTBVK 2,5/15-STF-5,08	1859302	50	86.32
16	UMSTBVK 2,5/16-STF-5,08	1859315	50	91.4

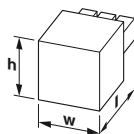


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	320	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	250 / 12	-	300 / 10
AWG		30-12	-	30-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

DIN rail connector, Screw connection with tension sleeve, Pitch: 5 mm

MSTBHK 2,5/...-G



Dimensions	[mm]
Length l	22
Height h	27.7



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
10	MSTBHK 2,5/10-G	1765085	50	51.6



Technical data

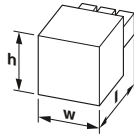
Connection system / type of contact		CLASSIC COMBICON / Male connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	250 / 12	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		28-12	-	28-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 2.5 mm² (AWG 14)

DIN rail connector, Screw connection with tension sleeve, Pitch: 5 mm

UMSTBHK 2,5/...-G



Dimensions	[mm]
Length l	52.3
Height h	33



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
10	UMSTBHK 2,5/10-G	1765768	50	42.5

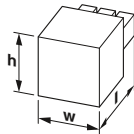


Technical data

Connection system / type of contact		CLASSIC COMBICON / Male connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	250 / 12	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		28-12	-	28-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

DIN rail connector, Screw connection with tension sleeve, Pitch: 5.08 mm

MSTBVK 2,5/...-G



Dimensions	[mm]
Length l	29.2
Height h	27.21



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MSTBVK 2,5/ 2-G-5,08	1788729	50	11.6
3	MSTBVK 2,5/ 3-G-5,08	1788732	50	16.68
4	MSTBVK 2,5/ 4-G-5,08	1788745	50	21.76
5	MSTBVK 2,5/ 5-G-5,08	1788758	50	26.84
6	MSTBVK 2,5/ 6-G-5,08	1788761	50	26.84
7	MSTBVK 2,5/ 7-G-5,08	1788774	50	37
8	MSTBVK 2,5/ 8-G-5,08	1788787	50	42.08
9	MSTBVK 2,5/ 9-G-5,08	1788790	50	47.16
10	MSTBVK 2,5/10-G-5,08	1788800	50	52.24
11	MSTBVK 2,5/11-G-5,08	1788813	50	57.32
12	MSTBVK 2,5/12-G-5,08	1788826	50	62.4
13	MSTBVK 2,5/13-G-5,08	1788839	50	67.48
14	MSTBVK 2,5/14-G-5,08	1788842	50	72.56
15	MSTBVK 2,5/15-G-5,08	1788855	50	77.64
16	MSTBVK 2,5/16-G-5,08	1788868	50	82.72
17	MSTBVK 2,5/17-G-5,08	1788871	50	87.8
18	MSTBVK 2,5/18-G-5,08	1788884	50	92.88
19	MSTBVK 2,5/19-G-5,08	1788897	50	97.96
20	MSTBVK 2,5/20-G-5,08	1788907	50	103.04
21	MSTBVK 2,5/21-G-5,08	1788910	50	108.12
22	MSTBVK 2,5/22-G-5,08	1788923	50	113.2
23	MSTBVK 2,5/23-G-5,08	1788936	50	118.28
24	MSTBVK 2,5/24-G-5,08	1788949	50	123.36

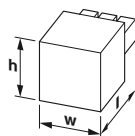


Technical data

Connection system / type of contact		CLASSIC COMBICON / Male connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	320	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	250 / 12	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		28-12	-	28-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

DIN rail connector, Screw connection with tension sleeve, Pitch: 5.08 mm

MSTBVK 2,5/-GF



Dimensions	[mm]
Length l	29.2
Height h	27.21



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MSTBVK 2,5/ 2-GF-5,08	1788952	50	21.48
3	MSTBVK 2,5/ 3-GF-5,08	1788965	50	26.56
4	MSTBVK 2,5/ 4-GF-5,08	1788978	50	31.64
5	MSTBVK 2,5/ 5-GF-5,08	1788981	50	36.72
6	MSTBVK 2,5/ 6-GF-5,08	1788994	50	41.8
7	MSTBVK 2,5/ 7-GF-5,08	1789003	50	46.88
8	MSTBVK 2,5/ 8-GF-5,08	1803015	50	51.96
9	MSTBVK 2,5/ 9-GF-5,08	1803028	50	57.04
10	MSTBVK 2,5/10-GF-5,08	1803031	50	62.12
11	MSTBVK 2,5/11-GF-5,08	1803044	50	67.2
12	MSTBVK 2,5/12-GF-5,08	1803057	50	72.28
13	MSTBVK 2,5/13-GF-5,08	1803060	50	77.36
14	MSTBVK 2,5/14-GF-5,08	1803073	50	82.44
15	MSTBVK 2,5/15-GF-5,08	1803086	50	87.52
16	MSTBVK 2,5/16-GF-5,08	1803099	50	92.6
17	MSTBVK 2,5/17-GF-5,08	1803109	50	97.68
18	MSTBVK 2,5/18-GF-5,08	1803112	50	102.76
19	MSTBVK 2,5/19-GF-5,08	1803125	50	107.84
20	MSTBVK 2,5/20-GF-5,08	1803138	50	112.92

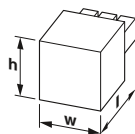


Technical data

Connection system / type of contact	CLASSIC COMBICON / Male connector		
Locking	Threaded flange		
Connection capacity			
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5	
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1 / 0.2 - 1.5	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 1	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5	
Conductor cross section AWG/kcmil		24 - 12	
Stripping length	[mm]	7	
Tightening torque	[Nm]	0.5 - 0.6	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	320	320
Rated surge voltage	[kV]	4	4
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	250 / 12	300 / 10
AWG		30-12	30-12
Approval data (CSA)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 10	300 / 10
AWG		28-12	28-12
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

DIN rail connector, Screw connection with tension sleeve, Pitch: 5.08 mm

UMSTBVK 2,5/-GF



Dimensions	[mm]
Length l	34.6
Height h	42.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	UMSTBVK 2,5/ 2-GF-5,08	1787924	50	21.48
3	UMSTBVK 2,5/ 3-GF-5,08	1787937	50	26.56
4	UMSTBVK 2,5/ 4-GF-5,08	1787940	50	31.64
5	UMSTBVK 2,5/ 5-GF-5,08	1787953	50	36.72
6	UMSTBVK 2,5/ 6-GF-5,08	1787966	50	41.8
7	UMSTBVK 2,5/ 7-GF-5,08	1787979	50	46.88
8	UMSTBVK 2,5/ 8-GF-5,08	1787982	50	51.96
9	UMSTBVK 2,5/ 9-GF-5,08	1787995	50	57.04
10	UMSTBVK 2,5/10-GF-5,08	1788004	50	62.12
11	UMSTBVK 2,5/11-GF-5,08	1788017	50	67.2
12	UMSTBVK 2,5/12-GF-5,08	1788020	50	72.28
13	UMSTBVK 2,5/13-GF-5,08	1788033	50	77.36
14	UMSTBVK 2,5/14-GF-5,08	1788046	50	82.44
15	UMSTBVK 2,5/15-GF-5,08	1788059	50	87.52
16	UMSTBVK 2,5/16-GF-5,08	1788062	50	92.6
17	UMSTBVK 2,5/17-GF-5,08	1788075	50	97.68
18	UMSTBVK 2,5/18-GF-5,08	1788088	50	102.76
19	UMSTBVK 2,5/19-GF-5,08	1788091	50	107.84
20	UMSTBVK 2,5/20-GF-5,08	1788101	50	112.92



Technical data

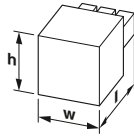
Connection system / type of contact	CLASSIC COMBICON / Male connector		
Locking	Threaded flange		
Connection capacity			
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5	
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1 / 0.2 - 1.5	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 1	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5	
Conductor cross section AWG/kcmil		24 - 12	
Stripping length	[mm]	7	
Tightening torque	[Nm]	0.5 - 0.6	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	320	320
Rated surge voltage	[kV]	4	4
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	250 / 12	300 / 10
AWG		30-12	30-12
Approval data (CSA)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 10	300 / 10
AWG		28-12	28-12
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

PCB connectors

Conductor cross section up to 2.5 mm² (AWG 14)

DIN rail connector, Screw connection with tension sleeve, Pitch: 5.08 mm

UMSTBVK 2,5/-G



Dimensions	[mm]
Length l	34.5
Height h	4250
	0



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	UMSTBVK 2,5/ 2-G-5,08	1788114	50	11.68
3	UMSTBVK 2,5/ 3-G-5,08	1788127	50	16.76
4	UMSTBVK 2,5/ 4-G-5,08	1788130	50	21.84
5	UMSTBVK 2,5/ 5-G-5,08	1788143	50	26.92
6	UMSTBVK 2,5/ 6-G-5,08	1788156	50	32
7	UMSTBVK 2,5/ 7-G-5,08	1788169	50	37.08
8	UMSTBVK 2,5/ 8-G-5,08	1788172	50	42.16
9	UMSTBVK 2,5/ 9-G-5,08	1788185	50	47.24
10	UMSTBVK 2,5/10-G-5,08	1788198	50	52.32
11	UMSTBVK 2,5/11-G-5,08	1788208	50	57.4
12	UMSTBVK 2,5/12-G-5,08	1788211	50	62.48
13	UMSTBVK 2,5/13-G-5,08	1788224	50	67.56
14	UMSTBVK 2,5/14-G-5,08	1788237	50	72.64
15	UMSTBVK 2,5/15-G-5,08	1788240	50	77.72
16	UMSTBVK 2,5/16-G-5,08	1788253	50	82.8
17	UMSTBVK 2,5/17-G-5,08	1788266	50	87.88
18	UMSTBVK 2,5/18-G-5,08	1788279	50	92.96
19	UMSTBVK 2,5/19-G-5,08	1788282	50	98.08
20	UMSTBVK 2,5/20-G-5,08	1788295	50	103.12
21	UMSTBVK 2,5/21-G-5,08	1788305	50	108.2

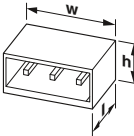


Technical data

Connection system / type of contact		CLASSIC COMBICON / Male connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	320	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	250 / 12	-	300 / 10
AWG		30-12	-	30-12
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		28-12	-	28-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB headers, Pitch: 5 mm

CCA 2,5/-G, Linear pinning



Dimensions	[mm]
Solder pin length	2
Length l	12
Height h	8.57



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	CCA 2,5/ 2-G P20THRR32	1836573	330	12.8
3	CCA 2,5/ 3-G P20THRR32	1836586	330	17.8
4	CCA 2,5/ 4-G P20THRR56	1836599	330	22.8
5	CCA 2,5/ 5-G P20THRR56	1836609	330	27.8
6	CCA 2,5/ 6-G P20THRR56	1836612	330	32.8
7	CCA 2,5/ 7-G P20THRR56	1836625	330	37.8
8	CCA 2,5/ 8-G P20THRR56	1836638	330	42.8
9	CCA 2,5/ 9-G P20THRR88	1836641	330	47.8
10	CCA 2,5/10-G P20THRR88	1836654	330	52.8
11	CCA 2,5/11-G P20THRR88	1836667	330	57.8
2	CCA 2,5/12-G P20THRR88	1836670	330	62.8

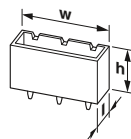


Technical data

Connection system / type of contact		CLASSIC COMBICON / Male connector		
Locking		without		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	400
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 16	-	300 / 10
AWG		-	-	-
General data				
Type of insulation material / insulation material group		LCP / IIIa		
Inflammability class in acc. with UL 94		V0		

PCB headers, Pitch: 5 mm

CC 2,5/-GF-LR



Dimensions	[mm]
Solder pin length	2
Length l	12
Height h	8.57



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	CC 2,5/ 2-GF-LR P20THRR32	1836913	330	20
3	CC 2,5/ 3-GF-LR P20THRR56	1836926	330	25
4	CC 2,5/ 4-GF-LR P20THRR56	1836939	330	30
5	CC 2,5/ 5-GF-LR P20THRR56	1836942	330	35
6	CC 2,5/ 6-GF-LR P20THRR56	1836955	330	40
7	CC 2,5/ 7-GF-LR P20THRR88	1836968	330	45
8	CC 2,5/ 8-GF-LR P20THRR88	1836971	330	50
9	CC 2,5/ 9-GF-LR P20THRR88	1836984	330	55
10	CC 2,5/10-GF-LR P20THRR88	1836997	330	60
11	CC 2,5/11-GF-LR P20THRR88	1837006	330	65
12	CC 2,5/12-GF-LR P20THRR88	1837019	330	70

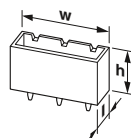


Technical data

Connection system / type of contact	CLASSIC COMBICON / Male connector		
Locking	Lock & release threaded flange		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	12 / -	
Surge voltage category/degree of pollution		III / 3	III / 2
Rated insulation voltage	[V]	250	320
Rated surge voltage	[kV]	4	4
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 16	300 / 10
AWG		-	-
General data			
Type of insulation material / insulation material group		LCP / IIIa	
Inflammability class in acc. with UL 94		V0	

PCB headers, Pitch: 5 mm

CCVA 2,5/-G



Dimensions	[mm]
Solder pin length	2
Length l	8.6
Height h	12



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	CCVA 2,5/ 2-G P20THRR32	1837255	330	12.8
3	CCVA 2,5/ 3-G P20THRR32	1837268	140	17.8
4	CCVA 2,5/ 4-G P20THRR56	1837271	140	22.8
5	CCVA 2,5/ 5-G P20THRR56	1837284	140	27.8
6	CCVA 2,5/ 6-G P20THRR56	1837297	140	32.8
7	CCVA 2,5/ 7-G P20THRR56	1837307	140	37.8
8	CCVA 2,5/ 8-G P20THRR88	1837310	330	42.8
9	CCVA 2,5/ 9-G P20THRR88	1837323	330	47.8
10	CCVA 2,5/10-G P20THRR88	1837336	330	52.8
11	CCVA 2,5/11-G P20THRR88	1837349	330	57.8
12	CCVA 2,5/12-G P20THRR88	1837352	330	62.8



Technical data

Connection system / type of contact	CLASSIC COMBICON / Male connector		
Locking	without		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	12 / -	
Surge voltage category/degree of pollution		III / 3	III / 2
Rated insulation voltage	[V]	250	320
Rated surge voltage	[kV]	4	4
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 16	300 / 10
AWG		-	-
General data			
Type of insulation material / insulation material group		LCP / IIIa	
Inflammability class in acc. with UL 94		V0	

PCB connectors
Conductor cross section up to 2.5 mm² (AWG 14)

PCB headers, Pitch: 5 mm

CCV 2,5/...-GF-LR

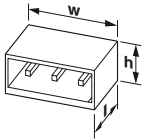


Table with 2 columns: Dimensions, [mm]. Rows include Solder pin length (2), Length l (8.6), and Height h (12).



Ordering data table with 5 columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Lists 12 different connector types with their respective order numbers and widths.



Technical data table for CCV 2,5/...-GF-LR. Includes connection system (CLASSIC COMBICON / Male connector), locking (Lock & release threaded flange), electrical parameters (rated current, surge voltage, insulation voltage), approval data (UL/CUL), use group (B, C, D), nominal voltage/current (300 / 16 V / A), AWG (-), general data (insulation material LCP / IIIa, inflammability class V0).

PCB headers, Pitch: 5.08 mm

CCA 2,5/...-G, Linear pinning

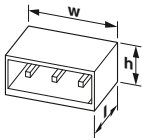


Table with 2 columns: Dimensions, [mm]. Rows include Solder pin length (2.6), Length l (12), and Height h (8.57).



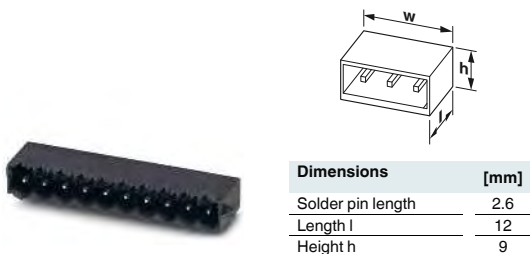
Ordering data table with 5 columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Lists 12 different connector types with their respective order numbers and widths.



Technical data table for CCA 2,5/...-G, Linear pinning. Includes connection system (CLASSIC COMBICON / Male connector), locking (without), electrical parameters (rated current, surge voltage, insulation voltage), approval data (UL/CUL), use group (B, C, D), nominal voltage/current (300 / 16 V / A), AWG (-), general data (insulation material LCP / IIIa, inflammability class V0).

PCB headers, Pitch: 5.08 mm

CCA 2,5/-G-RN, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	CCA 2,5/ 2-G-5,08 RNP26THRR32	1955277	330	15.98
3	CCA 2,5/ 3-G-5,08 RNP26THRR32	1955280	330	21.06
4	CCA 2,5/ 4-G-5,08 RNP26THRR56	1955293	330	26.14
5	CCA 2,5/ 5-G-5,08 RNP26THRR56	1955303	330	31.22
6	CCA 2,5/ 6-G-5,08 RNP26THRR56	1955316	330	36.3
7	CCA 2,5/ 7-G-5,08 RNP26THRR56	1955329	330	41.38
8	CCA 2,5/ 8-G-5,08 RNP26THRR88	1955332	240	46.46
9	CCA 2,5/ 9-G-5,08 RNP26THRR88	1955345	240	51.54
10	CCA 2,5/10-G-5,08 RNP26THRR88	1955358	240	56.62
11	CCA 2,5/11-G-5,08 RNP26THRR88	1955361	240	61.7
12	CCA 2,5/12-G-5,08 RNP26THRR88	1955374	240	66.78

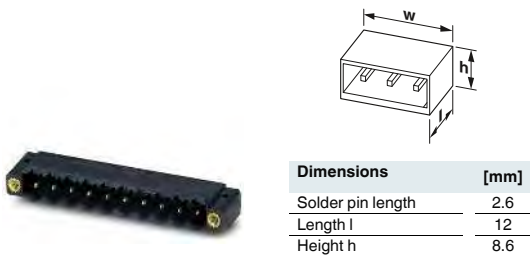


Technical data

Connection system / type of contact	CLASSIC COMBICON / Male connector		
Locking	Engagement nose		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	12 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	250	320
Rated surge voltage	[kV]	4	4
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 16	300 / 10
AWG		-	-
General data			
Type of insulation material / insulation material group		LCP / IIIa	
Inflammability class in acc. with UL 94		V0	

PCB headers, Pitch: 5.08 mm

CC 2,5/-GF, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	CC 2,5/ 2-GF-5,08 P26THRR32	1954809	330	20.32
3	CC 2,5/ 3-GF-5,08 P26THRR56	1954812	330	25.4
4	CC 2,5/ 4-GF-5,08 P26THRR56	1954825	330	30.48
5	CC 2,5/ 5-GF-5,08 P26THRR56	1954838	330	35.56
6	CC 2,5/ 6-GF-5,08 P26THRR56	1954841	330	40.64
7	CC 2,5/ 7-GF-5,08 P26THRR88	1954854	240	45.72
8	CC 2,5/ 8-GF-5,08 P26THRR88	1954867	240	50.8
9	CC 2,5/ 9-GF-5,08 P26THRR88	1954870	240	55.88
10	CC 2,5/10-GF-5,08 P26THRR88	1954883	240	60.96
11	CC 2,5/11-GF-5,08 P26THRR88	1954896	240	66.04
12	CC 2,5/12-GF-5,08 P26THRR88	1954906	240	71.12



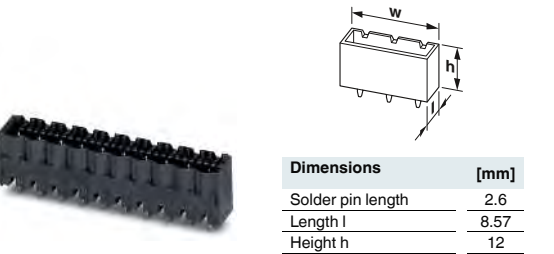
Technical data

Connection system / type of contact	CLASSIC COMBICON / Male connector		
Locking	Threaded flange		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	12 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	250	320
Rated surge voltage	[kV]	4	4
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 16	300 / 10
AWG		-	-
General data			
Type of insulation material / insulation material group		LCP / IIIa	
Inflammability class in acc. with UL 94		V0	

PCB connectors
Conductor cross section up to 2.5 mm² (AWG 14)

PCB headers, Pitch: 5.08 mm

CCVA 2,5/-G, Linear pinning



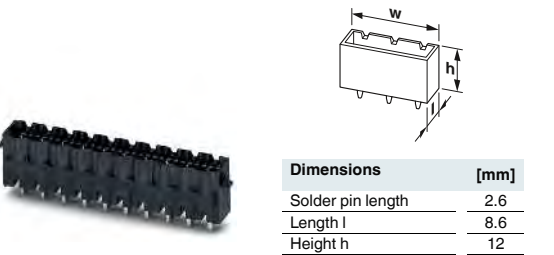
Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-12 listing various CCVA models and their specifications.



Technical data table for CCVA 2,5/-G. Includes connection system (CLASSIC COMBICON / Male connector), electrical parameters (Rated current 12 A, Rated insulation voltage 250-400 V), and general data (LCP / IIIa, V0).

PCB headers, Pitch: 5.08 mm

CCVA 2,5/-G-RN, Linear pinning



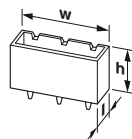
Ordering data table for CCVA 2,5/-G-RN. Columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-12 listing models and specifications.



Technical data table for CCVA 2,5/-G-RN. Includes connection system (CLASSIC COMBICON / Male connector), electrical parameters (Rated current 12 A, Rated insulation voltage 250-400 V), and general data (LCP / IIIa, V0).

PCB headers, Pitch: 5.08 mm

CCV 2,5/...-GF, Linear pinning



Dimensions	[mm]
Solder pin length	2.6
Length l	8.57
Height h	12



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	CCV 2,5/ 2-GF-5,08 P26THRR32	1955743	140	20.27
3	CCV 2,5/ 3-GF-5,08 P26THRR56	1955756	140	25.35
4	CCV 2,5/ 4-GF-5,08 P26THRR56	1955769	140	30.43
5	CCV 2,5/ 5-GF-5,08 P26THRR56	1955772	140	35.51
6	CCV 2,5/ 6-GF-5,08 P26THRR56	1955785	140	40.59
7	CCV 2,5/ 7-GF-5,08 P26THRR88	1955798	140	45.67
8	CCV 2,5/ 8-GF-5,08 P26THRR88	1955808	140	50.75
9	CCV 2,5/ 9-GF-5,08 P26THRR88	1955811	140	55.83
10	CCV 2,5/10-GF-5,08 P26THRR88	1955824	140	60.91
11	CCV 2,5/11-GF-5,08 P26THRR88	1955837	140	65.99
12	CCV 2,5/12-GF-5,08 P26THRR88	1955840	140	71.07

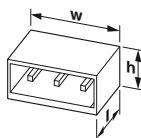


Technical data

Connection system / type of contact	CLASSIC COMBICON / Male connector		
Locking	Threaded flange		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	12 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	250	320
Rated surge voltage	[kV]	4	4
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 16	300 / 10
AWG		-	-
General data			
Type of insulation material / insulation material group		LCP / IIIa	
Inflammability class in acc. with UL 94		V0	

PCB headers, Pitch: 5 mm

CCA 2,5/...-G



Dimensions	[mm]
Solder pin length	2
Length l	12
Height h	8.57



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	CCA 2,5/ 2-G P20 THR	1836340	50	12.8
3	CCA 2,5/ 3-G P20 THR	1836353	50	17.8
4	CCA 2,5/ 4-G P20 THR	1836366	50	22.8
5	CCA 2,5/ 5-G P20 THR	1836379	50	27.8
6	CCA 2,5/ 6-G P20 THR	1836382	50	32.8
7	CCA 2,5/ 7-G P20 THR	1836395	50	37.8
8	CCA 2,5/ 8-G P20 THR	1836405	50	42.8
9	CCA 2,5/ 9-G P20 THR	1836418	50	47.8
10	CCA 2,5/10-G P20 THR	1836421	50	52.8
11	CCA 2,5/11-G P20 THR	1836434	50	57.8
12	CCA 2,5/12-G P20 THR	1836447	50	62.8
13	CCA 2,5/13-G P20 THR	1836450	50	67.8
14	CCA 2,5/14-G P20 THR	1836463	50	72.8
15	CCA 2,5/15-G P20 THR	1836476	50	77.8
16	CCA 2,5/16-G P20 THR	1836489	50	82.8
17	CCA 2,5/17-G P20 THR	1836492	50	87.8
18	CCA 2,5/18-G P20 THR	1836502	50	92.8
19	CCA 2,5/19-G P20 THR	1836515	50	97.8
20	CCA 2,5/20-G P20 THR	1836528	50	102.8
21	CCA 2,5/21-G P20 THR	1836531	50	107.8
22	CCA 2,5/22-G P20 THR	1836544	50	112.8
23	CCA 2,5/23-G P20 THR	1836557	50	117.8
24	CCA 2,5/24-G P20 THR	1836560	50	122.8



Technical data

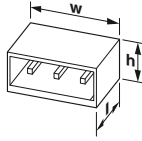
Connection system / type of contact	CLASSIC COMBICON / Male connector		
Locking	without		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	12 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	250	320
Rated surge voltage	[kV]	4	4
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 16	300 / 10
AWG		-	-
General data			
Type of insulation material / insulation material group		LCP / IIIa	
Inflammability class in acc. with UL 94		V0	

PCB connectors

Conductor cross section up to 2.5 mm² (AWG 14)

PCB headers, Pitch: 5 mm

CC 2,5/...-GF-LR



Dimensions	[mm]
Solder pin length	2
Length l	12
Height h	8.57



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	CC 2,5/ 2-GF-LR P20 THR	1836683	50	20
3	CC 2,5/ 3-GF-LR P20 THR	1836696	50	25
4	CC 2,5/ 4-GF-LR P20 THR	1836706	50	30
5	CC 2,5/ 5-GF-LR P20 THR	1836719	50	35
6	CC 2,5/ 6-GF-LR P20 THR	1836722	50	40
7	CC 2,5/ 7-GF-LR P20 THR	1836735	50	45
8	CC 2,5/ 8-GF-LR P20 THR	1836748	50	50
9	CC 2,5/ 9-GF-LR P20 THR	1836751	50	55
10	CC 2,5/10-GF-LR P20 THR	1836764	50	60
11	CC 2,5/11-GF-LR P20 THR	1836777	50	65
12	CC 2,5/12-GF-LR P20 THR	1836780	50	70
13	CC 2,5/13-GF-LR P20 THR	1836793	50	75
14	CC 2,5/14-GF-LR P20 THR	1836803	50	80
15	CC 2,5/15-GF-LR P20 THR	1836816	50	85
16	CC 2,5/16-GF-LR P20 THR	1836829	50	90
17	CC 2,5/17-GF-LR P20 THR	1836832	50	95
18	CC 2,5/18-GF-LR P20 THR	1836845	50	100
19	CC 2,5/19-GF-LR P20 THR	1836858	50	105
20	CC 2,5/20-GF-LR P20 THR	1836861	50	110
21	CC 2,5/21-GF-LR P20 THR	1836874	50	115
22	CC 2,5/22-GF-LR P20 THR	1836887	50	120
23	CC 2,5/23-GF-LR P20 THR	1836890	50	125
24	CC 2,5/24-GF-LR P20 THR	1836900	50	130

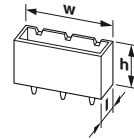


Technical data

Connection system / type of contact		CLASSIC COMBICON / Male connector		
Locking		Lock & release threaded flange		
Electrical parameters				
Rated current / conductor cross section		[A] / [mm²]	12 / -	
Surge voltage category/degree of pollution			III/3	III / 2 II / 2
Rated insulation voltage		[V]	250	320 400
Rated surge voltage		[kV]	4	4 4
Approval data (UL/CUL)				
Use Group			B	C D
Nominal voltage/current		[V] / [A]	300 / 16	- 300 / 10
AWG			-	- -
General data				
Type of insulation material / insulation material group			LCP / IIIa	
Inflammability class in acc. with UL 94			V0	

PCB headers, Pitch: 5 mm

CCVA 2,5/...-G



Dimensions	[mm]
Solder pin length	2
Length l	8.57
Height h	12



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	CCVA 2,5/ 2-G P20 THR	1837022	50	12.8
3	CCVA 2,5/ 3-G P20 THR	1837035	50	17.8
4	CCVA 2,5/ 4-G P20 THR	1837048	50	22.8
5	CCVA 2,5/ 5-G P20 THR	1837051	50	27.8
6	CCVA 2,5/ 6-G P20 THR	1837064	50	32.8
7	CCVA 2,5/ 7-G P20 THR	1837077	50	37.8
8	CCVA 2,5/ 8-G P20 THR	1837080	50	42.8
9	CCVA 2,5/ 9-G P20 THR	1837093	50	47.8
10	CCVA 2,5/10-G P20 THR	1837103	50	52.8
11	CCVA 2,5/11-G P20 THR	1837116	50	57.8
12	CCVA 2,5/12-G P20 THR	1837129	50	62.8
13	CCVA 2,5/13-G P20 THR	1837132	50	67.8
14	CCVA 2,5/14-G P20 THR	1837145	50	72.8
15	CCVA 2,5/15-G P20 THR	1837158	50	77.8
16	CCVA 2,5/16-G P20 THR	1837161	50	82.8
17	CCVA 2,5/17-G P20 THR	1837174	50	87.8
18	CCVA 2,5/18-G P20 THR	1837187	50	92.8
19	CCVA 2,5/19-G P20 THR	1837190	50	97.8
20	CCVA 2,5/20-G P20 THR	1837200	50	102.8
21	CCVA 2,5/21-G P20 THR	1837213	50	107.8
22	CCVA 2,5/22-G P20 THR	1837226	50	112.8
23	CCVA 2,5/23-G P20 THR	1837239	50	117.8
24	CCVA 2,5/24-G P20 THR	1837242	50	122.8

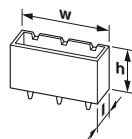


Technical data

Connection system / type of contact		CLASSIC COMBICON / Male connector		
Locking		without		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	400
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 16	-	300 / 10
AWG		-	-	-
General data				
Type of insulation material / insulation material group		LCP / IIIa		
Inflammability class in acc. with UL 94		V0		

PCB headers, Pitch: 5 mm

CCV 2,5/...-GF-LR



Dimensions	[mm]
Solder pin length	2
Length l	8.6
Height h	12



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	CCV 2,5/ 2-GF-LR P20 THR	1837365	50	20
3	CCV 2,5/ 3-GF-LR P20 THR	1837378	50	25
4	CCV 2,5/ 4-GF-LR P20 THR	1837381	50	30
5	CCV 2,5/ 5-GF-LR P20 THR	1837394	50	35
6	CCV 2,5/ 6-GF-LR P20 THR	1837404	50	40
7	CCV 2,5/ 7-GF-LR P20 THR	1837417	50	45
8	CCV 2,5/ 8-GF-LR P20 THR	1837420	50	50
9	CCV 2,5/ 9-GF-LR P20 THR	1837433	50	55
10	CCV 2,5/10-GF-LR P20 THR	1837446	50	60
11	CCV 2,5/11-GF-LR P20 THR	1837459	50	65
12	CCV 2,5/12-GF-LR P20 THR	1837462	50	70
13	CCV 2,5/13-GF-LR P20 THR	1837475	50	75
14	CCV 2,5/14-GF-LR P20 THR	1837488	50	80
15	CCV 2,5/15-GF-LR P20 THR	1837491	50	85
16	CCV 2,5/16-GF-LR P20 THR	1837501	50	90
17	CCV 2,5/17-GF-LR P20 THR	1837514	50	95
18	CCV 2,5/18-GF-LR P20 THR	1837527	50	100
19	CCV 2,5/19-GF-LR P20 THR	1837530	50	105
20	CCV 2,5/20-GF-LR P20 THR	1837543	50	110
21	CCV 2,5/21-GF-LR P20 THR	1837556	50	115
22	CCV 2,5/22-GF-LR P20 THR	1837569	50	120
23	CCV 2,5/23-GF-LR P20 THR	1837572	50	125
24	CCV 2,5/24-GF-LR P20 THR	1837585	50	130

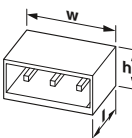


Technical data

Connection system / type of contact	CLASSIC COMBICON / Male connector		
Locking	Lock & release threaded flange		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	12 / -	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	250	320 400
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 16	- 300 / 10
AWG		-	- -
General data			
Type of insulation material / insulation material group	LCP / IIIa		
Inflammability class in acc. with UL 94	V0		

PCB headers, Plug connection, Pitch: 5.08 mm

CCA 2,5/...-G, Linear pinning



Dimensions	[mm]
Solder pin length	2.6
Length l	12
Height h	8.6



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	CCA 2,5/ 2-G-5,08 P26THR	1954919	50	12.96
3	CCA 2,5/ 3-G-5,08 P26THR	1954922	50	18.04
4	CCA 2,5/ 4-G-5,08 P26THR	1954935	50	23.12
5	CCA 2,5/ 5-G-5,08 P26THR	1954948	50	28.2
6	CCA 2,5/ 6-G-5,08 P26THR	1954951	50	33.28
7	CCA 2,5/ 7-G-5,08 P26THR	1954977	50	38.36
8	CCA 2,5/ 8-G-5,08 P26THR	1954980	50	43.44
9	CCA 2,5/ 9-G-5,08 P26THR	1954993	50	48.52
10	CCA 2,5/10-G-5,08 P26THR	1955002	50	53.6
11	CCA 2,5/11-G-5,08 P26THR	1955015	50	58.68
13	CCA 2,5/13-G-5,08 P26THR	1827647	50	68.84
14	CCA 2,5/14-G-5,08 P26THR	1827650	50	73.92
15	CCA 2,5/15-G-5,08 P26THR	1827663	50	79
16	CCA 2,5/16-G-5,08 P26THR	1827676	50	84.08
17	CCA 2,5/17-G-5,08 P26THR	1827689	50	89.16
18	CCA 2,5/18-G-5,08 P26THR	1827692	50	94.24
19	CCA 2,5/19-G-5,08 P26THR	1827702	50	99.32
20	CCA 2,5/20-G-5,08 P26THR	1827715	50	104.4
21	CCA 2,5/21-G-5,08 P26THR	1827728	50	109.48
22	CCA 2,5/22-G-5,08 P26THR	1827731	50	114.56
23	CCA 2,5/23-G-5,08 P26THR	1827744	50	119.64
24	CCA 2,5/24-G-5,08 P26THR	1827757	50	124.72



Technical data

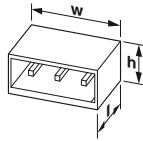
Connection system / type of contact	CLASSIC COMBICON / Male connector		
Locking	without		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	12 / -	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	250	320 400
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 16	- 300 / 10
AWG		-	- -
General data			
Type of insulation material / insulation material group	LCP / IIIa		
Inflammability class in acc. with UL 94	V0		

PCB connectors

Conductor cross section up to 2.5 mm² (AWG 14)

PCB headers, Pitch: 5.08 mm

CCA 2,5/...-G-RN, Linear pinning



Dimensions	[mm]
Solder pin length	2.6
Length l	12
Height h	8.6



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	CCA 2,5/ 2-G-5,08 RNP26THR	1955167	50	15.98
3	CCA 2,5/ 3-G-5,08 RNP26THR	1955170	50	21.06
4	CCA 2,5/ 4-G-5,08 RNP26THR	1955183	50	26.14
5	CCA 2,5/ 5-G-5,08 RNP26THR	1955196	50	31.22
6	CCA 2,5/ 6-G-5,08 RNP26THR	1955206	50	36.3
7	CCA 2,5/ 7-G-5,08 RNP26THR	1955219	50	41.38
8	CCA 2,5/ 8-G-5,08 RNP26THR	1955222	50	46.46
9	CCA 2,5/ 9-G-5,08 RNP26THR	1955235	50	51.54
10	CCA 2,5/10-G-5,08 RNP26THR	1955248	50	56.62
11	CCA 2,5/11-G-5,08 RNP26THR	1955251	50	61.7
12	CCA 2,5/12-G-5,08 RNP26THR	1955264	50	66.78

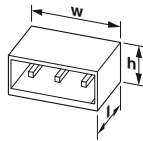


Technical data

Connection system / type of contact		CLASSIC COMBICON / Male connector		
Locking		Engagement nose		
Electrical parameters				
Rated current / conductor cross section		12 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage		250	320	400
Rated surge voltage		4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current		300 / 16	-	300 / 10
AWG		-	-	-
General data				
Type of insulation material / insulation material group		LCP / IIIa		
Inflammability class in acc. with UL 94		V0		

PCB headers, Pitch: 5.08 mm

CC 2,5/...-GF, Linear pinning



Dimensions	[mm]
Solder pin length	2.6
Length l	12
Height h	8.6



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	CC 2,5/ 2-GF-5,08 P26THR	1954692	50	20.32
3	CC 2,5/ 3-GF-5,08 P26THR	1954702	50	25.4
4	CC 2,5/ 4-GF-5,08 P26THR	1954715	50	30.48
5	CC 2,5/ 5-GF-5,08 P26THR	1954728	50	35.56
6	CC 2,5/ 6-GF-5,08 P26THR	1954731	50	40.64
7	CC 2,5/ 7-GF-5,08 P26THR	1954744	50	45.72
8	CC 2,5/ 8-GF-5,08 P26THR	1954757	50	50.8
9	CC 2,5/ 9-GF-5,08 P26THR	1954760	50	55.88
10	CC 2,5/10-GF-5,08 P26THR	1954773	50	60.96
11	CC 2,5/11-GF-5,08 P26THR	1954786	50	66.04
12	CC 2,5/12-GF-5,08 P26THR	1954799	50	71.12

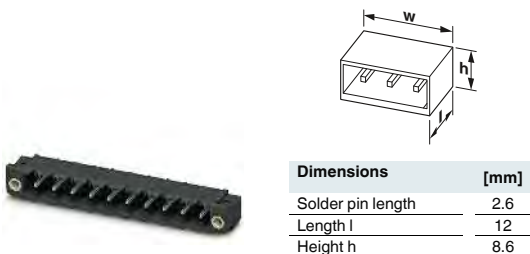


Technical data

Connection system / type of contact		CLASSIC COMBICON / Male connector		
Locking		Threaded flange		
Electrical parameters				
Rated current / conductor cross section		[A]	[mm²]	
		12 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage		[V]	250	320
Rated surge voltage		[kV]	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current		[V] / [A]	300 / 16	300 / 10
AWG		-	-	-
General data				
Type of insulation material / insulation material group		LCP / IIIa		
Inflammability class in acc. with UL 94		V0		

PCB headers, Pitch: 5.08 mm

CC 2,5/-GF-LR, Linear pinning

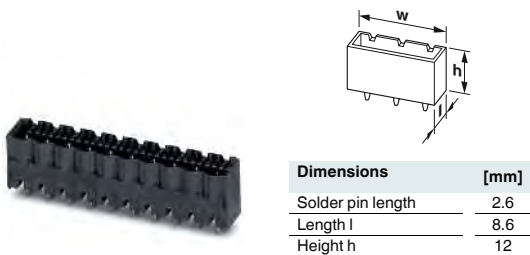


Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	CC 2,5/ 2-GF-5,08-LR P26THR	1792627	50	20.32
3	CC 2,5/ 3-GF-5,08-LR P26THR	1792630	50	25.4
4	CC 2,5/ 4-GF-5,08-LR P26THR	1792643	50	30.48
5	CC 2,5/ 5-GF-5,08-LR P26THR	1792656	50	35.56
6	CC 2,5/ 6-GF-5,08-LR P26THR	1792669	50	40.64
7	CC 2,5/ 7-GF-5,08-LR P26THR	1792672	50	45.72
8	CC 2,5/ 8-GF-5,08-LR P26THR	1792685	50	50.8
9	CC 2,5/ 9-GF-5,08-LR P26THR	1792698	50	55.88
10	CC 2,5/10-GF-5,08-LR P26THR	1792708	50	60.96
11	CC 2,5/11-GF-5,08-LR P26THR	1792711	50	66.04
12	CC 2,5/12-GF-5,08-LR P26THR	1792724	50	71.12
13	CC 2,5/13-GF-5,08-LR P26THR	1827524	50	76.15
14	CC 2,5/14-GF-5,08-LR P26THR	1827537	50	81.23
15	CC 2,5/15-GF-5,08-LR P26THR	1827540	50	86.31
16	CC 2,5/16-GF-5,08-LR P26THR	1827553	50	91.39
17	CC 2,5/17-GF-5,08-LR P26THR	1827566	50	96.47
18	CC 2,5/18-GF-5,08-LR P26THR	1827579	50	101.55
19	CC 2,5/19-GF-5,08-LR P26THR	1827582	50	106.63
20	CC 2,5/20-GF-5,08-LR P26THR	1827595	50	111.71
21	CC 2,5/21-GF-5,08-LR P26THR	1827605	50	116.79
22	CC 2,5/22-GF-5,08-LR P26THR	1827618	50	121.87
23	CC 2,5/23-GF-5,08-LR P26THR	1827621	50	126.95
24	CC 2,5/24-GF-5,08-LR P26THR	1827634	50	132.03

PCB headers, Pitch: 5.08 mm

CCVA 2,5/-G, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	CCVA 2,5/ 2-G-5,08 P26THR	1955853	50	12.96
3	CCVA 2,5/ 3-G-5,08 P26THR	1955866	50	18.04
4	CCVA 2,5/ 4-G-5,08 P26THR	1955879	50	23.12
5	CCVA 2,5/ 5-G-5,08 P26THR	1955882	50	28.2
6	CCVA 2,5/ 6-G-5,08 P26THR	1955895	50	33.28
7	CCVA 2,5/ 7-G-5,08 P26THR	1955905	50	38.36
8	CCVA 2,5/ 8-G-5,08 P26THR	1955918	50	43.44
10	CCVA 2,5/10-G-5,08 P26THR	1955934	50	53.6
11	CCVA 2,5/11-G-5,08 P26THR	1955947	50	58.68
12	CCVA 2,5/12-G-5,08 P26THR	1955950	50	63.76
13	CCVA 2,5/13-G-5,08 P26THR	1827883	50	68.84
14	CCVA 2,5/14-G-5,08 P26THR	1827896	50	73.92
15	CCVA 2,5/15-G-5,08 P26THR	1827906	50	79
16	CCVA 2,5/16-G-5,08 P26THR	1827919	50	84.08
17	CCVA 2,5/17-G-5,08 P26THR	1827922	50	89.16
18	CCVA 2,5/18-G-5,08 P26THR	1827935	50	94.24
19	CCVA 2,5/19-G-5,08 P26THR	1827948	50	99.32
20	CCVA 2,5/20-G-5,08 P26THR	1827951	50	104.4
21	CCVA 2,5/21-G-5,08 P26THR	1827964	50	109.48
22	CCVA 2,5/22-G-5,08 P26THR	1827977	50	114.56
23	CCVA 2,5/23-G-5,08 P26THR	1827980	50	119.64
24	CCVA 2,5/24-G-5,08 P26THR	1827993	50	124.72



Technical data

Connection system / type of contact	CLASSIC COMBICON / Male connector		
Locking	Lock & release threaded flange		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	12 / -	
Surge voltage category/degree of pollution		III / 3	III / 2
Rated insulation voltage	[V]	250	320
Rated surge voltage	[kV]	4	4
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 16	300 / 10
AWG		-	-
General data			
Type of insulation material / insulation material group	LCP / IIIa		
Inflammability class in acc. with UL 94	V0		



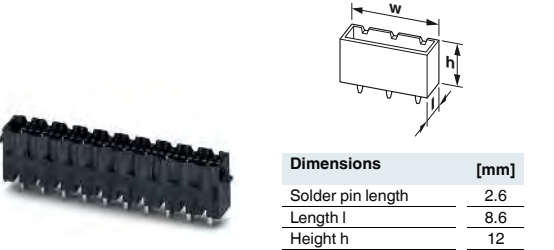
Technical data

Connection system / type of contact	CLASSIC COMBICON / Male connector		
Locking	without		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	12 / -	
Surge voltage category/degree of pollution		III / 3	III / 2
Rated insulation voltage	[V]	250	320
Rated surge voltage	[kV]	4	4
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 16	300 / 10
AWG		-	-
General data			
Type of insulation material / insulation material group	LCP / IIIa		
Inflammability class in acc. with UL 94	V0		

PCB connectors
Conductor cross section up to 2.5 mm² (AWG 14)

PCB headers, Pitch: 5.08 mm

CCVA 2,5/...-G-RN, Linear pinning



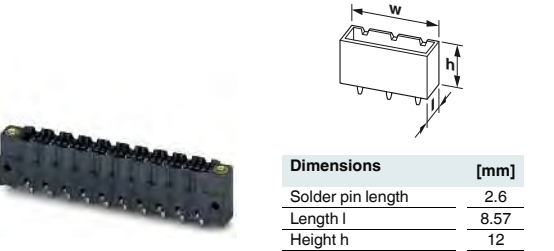
Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-12 showing various CCVA models and their specifications.



Technical data table for CCVA connector. Includes connection system (CLASSIC COMBICON / Male connector), locking, engagement nose, electrical parameters (rated current, surge voltage, insulation voltage), approval data (UL/CUL), use group, nominal voltage/current, AWG, general data (insulation material, inflammability class).

PCB headers, Pitch: 5.08 mm

CCV 2,5/...-GF, Linear pinning



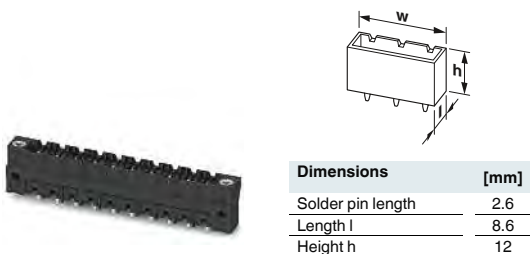
Ordering data table for CCV connector. Columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-12 showing various CCV models and their specifications.



Technical data table for CCV connector. Includes connection system (CLASSIC COMBICON / Male connector), locking, threaded flange, electrical parameters, approval data, use group, nominal voltage/current, AWG, general data.

PCB headers, Pitch: 5.08 mm

CCV 2,5/...-GF-LR, Linear pinning

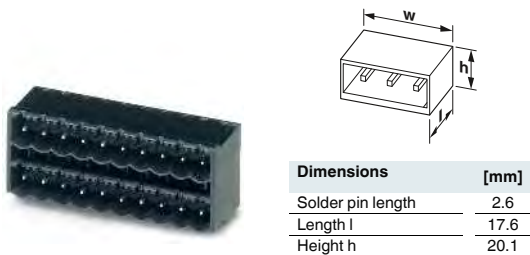


Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	CCV 2,5/ 2-GF-5,08-LR P26THR	1792737	50	20.32
3	CCV 2,5/ 3-GF-5,08-LR P26THR	1792740	50	25.4
4	CCV 2,5/ 4-GF-5,08-LR P26THR	1792753	50	30.48
5	CCV 2,5/ 5-GF-5,08-LR P26THR	1792766	50	35.56
6	CCV 2,5/ 6-GF-5,08-LR P26THR	1792779	50	40.64
7	CCV 2,5/ 7-GF-5,08-LR P26THR	1792782	50	45.72
8	CCV 2,5/ 8-GF-5,08-LR P26THR	1792795	50	50.8
9	CCV 2,5/ 9-GF-5,08-LR P26THR	1792805	50	55.88
10	CCV 2,5/10-GF-5,08-LR P26THR	1792818	50	60.96
11	CCV 2,5/11-GF-5,08-LR P26THR	1792821	50	66.04
12	CCV 2,5/12-GF-5,08-LR P26THR	1792834	50	71.12
13	CCV 2,5/13-GF-5,08-LR P26THR	1827760	50	76.15
14	CCV 2,5/14-GF-5,08-LR P26THR	1827773	50	81.23
15	CCV 2,5/15-GF-5,08-LR P26THR	1827786	50	86.31
16	CCV 2,5/16-GF-5,08-LR P26THR	1827799	50	91.39
17	CCV 2,5/17-GF-5,08-LR P26THR	1827809	50	96.47
18	CCV 2,5/18-GF-5,08-LR P26THR	1827812	50	101.55
19	CCV 2,5/19-GF-5,08-LR P26THR	1827825	50	106.63
20	CCV 2,5/20-GF-5,08-LR P26THR	1827838	50	111.71
21	CCV 2,5/21-GF-5,08-LR P26THR	1827841	50	116.79
22	CCV 2,5/22-GF-5,08-LR P26THR	1827854	50	121.87
23	CCV 2,5/23-GF-5,08-LR P26THR	1827867	50	126.95
24	CCV 2,5/24-GF-5,08-LR P26THR	1827870	50	132.03

PCB headers, Pitch: 5 mm

CCDN 2,5/...-G1-THR, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	CCDN 2,5/ 2-G1 P26 THR	1734280	50	12.8
3	CCDN 2,5/ 3-G1 P26 THR	1734287	50	17.8
4	CCDN 2,5/ 4-G1 P26 THR	1734290	50	22.8
5	CCDN 2,5/ 5-G1 P26 THR	1734300	50	27.8
6	CCDN 2,5/ 6-G1 P26 THR	1734313	50	32.8
7	CCDN 2,5/ 7-G1 P26 THR	1734326	50	37.8
8	CCDN 2,5/ 8-G1 P26 THR	1734339	50	42.8
9	CCDN 2,5/ 9-G1 P26 THR	1734342	50	47.8
10	CCDN 2,5/10-G1 P26 THR	1734355	50	52.8
11	CCDN 2,5/11-G1 P26 THR	1734368	50	57.8
12	CCDN 2,5/12-G1 P26 THR	1734371	50	62.8
13	CCDN 2,5/13-G1 P26 THR	1734384	50	67.8
14	CCDN 2,5/14-G1 P26 THR	1734397	50	72.8
15	CCDN 2,5/15-G1 P26 THR	1734407	50	77.8
16	CCDN 2,5/16-G1 P26 THR	1734410	50	82.8
17	CCDN 2,5/17-G1 P26 THR	1734423	50	87.8
18	CCDN 2,5/18-G1 P26 THR	1734436	50	92.8



Technical data

Connection system / type of contact	CLASSIC COMBICON / Male connector		
Locking	Lock & release threaded flange		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	12 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	250	320
Rated surge voltage	[kV]	4	4
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 16	300 / 10
AWG		-	-
General data			
Type of insulation material / insulation material group	LCP / IIIa		
Inflammability class in acc. with UL 94	V0		



Technical data

Connection system / type of contact	CLASSIC COMBICON / Male connector		
Locking	without		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	12 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	250	320
Rated surge voltage	[kV]	4	4
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 10	300 / 10
AWG		-	-
General data			
Type of insulation material / insulation material group	LCP / IIIa		
Inflammability class in acc. with UL 94	V0		

PCB connectors
Conductor cross section up to 2.5 mm² (AWG 14)

PCB headers, Pitch: 5.08 mm

CCDN 2,5/-G1-THR, Linear pinning

Image of the PCB header and a 3D perspective diagram showing dimensions w, h, and l. A table lists dimensions: Solder pin length 2.6, Length l 17.6, Height h 20.1.



Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-18 showing various configurations and their corresponding order numbers.

Icons for THR, 320 V IEC, 12 A IEC, 5,08 mm pitch, and 2,5 mm² cross-section.

Technical data table for CLASSIC COMBICON / Male connector without. Includes electrical parameters like Rated current, Surge voltage, and insulation voltage, as well as approval data and general data.

PCB headers, Pitch: 5 mm

CCDN 2,5/-G1F-THR, Linear pinning

Image of the PCB header and a 3D perspective diagram showing dimensions w, h, and l. A table lists dimensions: Solder pin length 2.6, Length l 17.6, Height h 20.1.



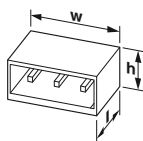
Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-18 showing various configurations and their corresponding order numbers.

Icons for THR, 320 V IEC, 12 A IEC, 5 mm pitch, and 2,5 mm² cross-section.

Technical data table for CLASSIC COMBICON / Male connector Threaded flange. Includes electrical parameters like Rated current, Surge voltage, and insulation voltage, as well as approval data and general data.

PCB headers, Pitch: 5.08 mm

CCDN 2,5/...-G1F-THR, Linear pinning



Dimensions	[mm]
Solder pin length	2.6
Length l	17.6
Height h	20.1



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	CCDN 2,5/ 2-G1F-5,08 P26 THR	1753307	50	20.74
3	CCDN 2,5/ 3-G1F-5,08 P26 THR	1753310	50	25.82
4	CCDN 2,5/ 4-G1F-5,08 P26 THR	1753323	50	30.9
5	CCDN 2,5/ 5-G1F-5,08 P26 THR	1753336	50	35.98
6	CCDN 2,5/ 6-G1F-5,08 P26 THR	1753349	50	41.06
7	CCDN 2,5/ 7-G1F-5,08 P26 THR	1753352	50	46.14
8	CCDN 2,5/ 8-G1F-5,08 P26 THR	1753365	50	51.22
9	CCDN 2,5/ 9-G1F-5,08 P26 THR	1753378	50	56.3
10	CCDN 2,5/10-G1F-5,08 P26 THR	1753381	50	61.38
11	CCDN 2,5/11-G1F-5,08 P26 THR	1753394	50	66.46
12	CCDN 2,5/12-G1F-5,08 P26 THR	1753404	50	71.54
13	CCDN 2,5/13-G1F-5,08 P26 THR	1753417	50	76.62
14	CCDN 2,5/14-G1F-5,08 P26 THR	1753420	50	81.7
15	CCDN 2,5/15-G1F-5,08 P26 THR	1753433	50	86.78
16	CCDN 2,5/16-G1F-5,08 P26 THR	1753446	50	91.86
17	CCDN 2,5/17-G1F-5,08 P26 THR	1753459	50	96.94
18	CCDN 2,5/18-G1F-5,08 P26 THR	1753462	50	102.02

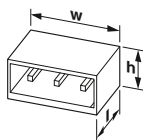


Technical data

Connection system / type of contact	CLASSIC COMBICON / Male connector		
Locking	Threaded flange		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	12 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	250	320
Rated surge voltage	[kV]	4	4
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 10	300 / 10
AWG		-	-
General data			
Type of insulation material / insulation material group		LCP / IIIa	
Inflammability class in acc. with UL 94		V0	

PCB headers, Pitch: 5.08 mm

MSTBO 2,5/...-GR, Linear pinning



Dimensions	[mm]
Solder pin length	3.2
Length l	33.87
Height h	17.24



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
3	MSTBO 2,5/ 3-GR-5,08	1847110	50	35.68
4	MSTBO 2,5/ 4-GR-5,08	1847123	50	35.68
5	MSTBO 2,5/ 5-GR-5,08	1847136	50	35.68
6	MSTBO 2,5/ 6-GR-5,08	1847149	50	35.68
7	MSTBO 2,5/ 7-GR-5,08	1847152	50	35.68
8	MSTBO 2,5/ 8-GR-5,08	1847165	50	35.68



Technical data

Connection system / type of contact	CLASSIC COMBICON / Male connector		
Locking	without		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	8 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	250	320
Rated surge voltage	[kV]	4	4
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	250 / 8	300 / 8
AWG		-	-
Approval data (CSA)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 6.5	300 / 6.5
AWG		-	-
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

PCB connectors
Conductor cross section up to 2.5 mm² (AWG 14)

PCB headers, Pitch: 5.08 mm

MSTBO 2,5/...-GL, Linear pinning

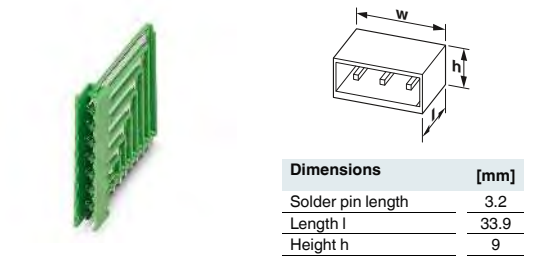


Table with 2 columns: Dimensions, [mm]. Rows: Solder pin length (3.2), Length l (33.9), Height h (9).



Ordering data

Table with 5 columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 3-8 showing various MSTBO 2,5/...-GL models.



Technical data

Technical data table for CLASSIC COMBICON / Male connector without. Includes electrical parameters, approval data (UL/CUL, CSA), and general data.

PCB headers, Pitch: 5 mm

MSTB 2,5/...-G, Linear pinning

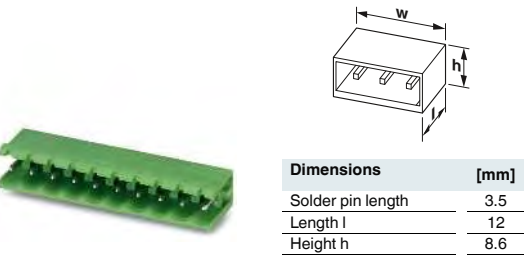


Table with 2 columns: Dimensions, [mm]. Rows: Solder pin length (3.5), Length l (12), Height h (8.6).



Ordering data

Table with 5 columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-24 showing various MSTB 2,5/...-G models.

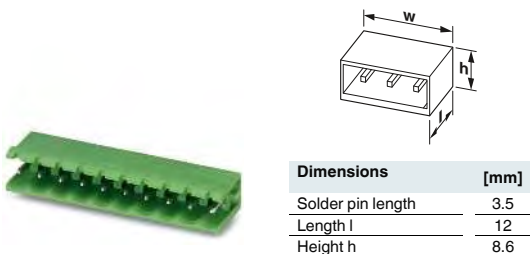


Technical data

Technical data table for CLASSIC COMBICON / Male connector without. Includes electrical parameters, approval data (UL/CUL, CSA), and general data.

PCB headers, Pitch: 5.08 mm

MSTB 2,5/...-G, Linear pinning

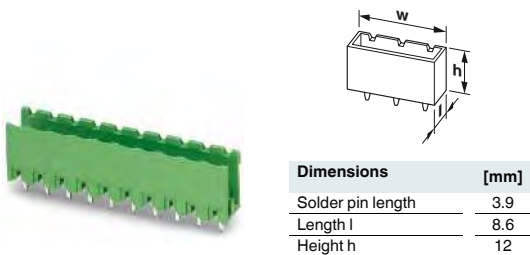


Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MSTB 2,5/ 2-G-5,08	1759017	250	10.16
3	MSTB 2,5/ 3-G-5,08	1759020	250	15.24
4	MSTB 2,5/ 4-G-5,08	1759033	250	20.32
5	MSTB 2,5/ 5-G-5,08	1759046	250	25.4
6	MSTB 2,5/ 6-G-5,08	1759059	100	30.48
7	MSTB 2,5/ 7-G-5,08	1759062	100	35.56
8	MSTB 2,5/ 8-G-5,08	1759075	100	40.64
9	MSTB 2,5/ 9-G-5,08	1759088	100	45.72
10	MSTB 2,5/10-G-5,08	1759091	100	50.8
11	MSTB 2,5/11-G-5,08	1759101	50	55.88
12	MSTB 2,5/12-G-5,08	1759114	50	60.96
13	MSTB 2,5/13-G-5,08	1759127	50	66.04
14	MSTB 2,5/14-G-5,08	1759130	50	71.12
15	MSTB 2,5/15-G-5,08	1759143	50	76.2
16	MSTB 2,5/16-G-5,08	1759156	50	81.28
17	MSTB 2,5/17-G-5,08	1759169	50	86.36
18	MSTB 2,5/18-G-5,08	1759172	50	91.44
19	MSTB 2,5/19-G-5,08	1759185	50	96.52
20	MSTB 2,5/20-G-5,08	1759198	50	101.6
21	MSTB 2,5/21-G-5,08	1759208	50	106.68
22	MSTB 2,5/22-G-5,08	1759211	50	111.76
23	MSTB 2,5/23-G-5,08	1759224	50	116.84
24	MSTB 2,5/24-G-5,08	1759237	50	121.92

PCB headers, Pitch: 5 mm

MSTBV 2,5/...-G, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MSTBV 2,5/ 2-G	1753437	250	10
3	MSTBV 2,5/ 3-G	1753453	250	15
4	MSTBV 2,5/ 4-G	1753479	250	20
5	MSTBV 2,5/ 5-G	1753495	250	25
6	MSTBV 2,5/ 6-G	1753518	100	30
7	MSTBV 2,5/ 7-G	1753534	100	35
8	MSTBV 2,5/ 8-G	1753550	100	40
9	MSTBV 2,5/ 9-G	1753576	100	45
10	MSTBV 2,5/10-G	1753592	100	50
11	MSTBV 2,5/11-G	1753615	50	55
12	MSTBV 2,5/12-G	1753631	50	60
13	MSTBV 2,5/13-G	1753657	50	65
14	MSTBV 2,5/14-G	1753673	50	70
15	MSTBV 2,5/15-G	1753699	50	75
16	MSTBV 2,5/16-G	1753712	50	80
17	MSTBV 2,5/17-G	1753738	50	85
18	MSTBV 2,5/18-G	1753754	50	90
19	MSTBV 2,5/19-G	1753770	50	95
20	MSTBV 2,5/20-G	1753796	50	100
21	MSTBV 2,5/21-G	1753819	50	105
22	MSTBV 2,5/22-G	1753835	50	110
23	MSTBV 2,5/23-G	1753851	50	115
24	MSTBV 2,5/24-G	1753877	50	120



Technical data

Connection system / type of contact		CLASSIC COMBICON / Male connector		
Locking		without		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	400
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	150 / 15
AWG		-	-	-
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		-	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		



Technical data

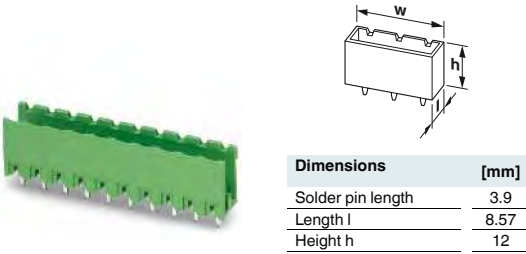
Connection system / type of contact		CLASSIC COMBICON / Male connector		
Locking		without		
Electrical parameters				
Rated current / conductor cross section		[A] / [mm²]	12 / -	
Surge voltage category/degree of pollution			III/3	III / 2
Rated insulation voltage		[V]	250	320
Rated surge voltage		[kV]	4	4
Approval data (UL/CUL)				
Use Group			B	C
Nominal voltage/current		[V] / [A]	300 / 12	-
AWG			-	-
Approval data (CSA)				
Use Group			B	C
Nominal voltage/current		[V] / [A]	300 / 12	-
AWG			-	-
General data				
Type of insulation material / insulation material group			PA / I	
Inflammability class in acc. with UL 94			V0	

PCB connectors

Conductor cross section up to 2.5 mm² (AWG 14)

PCB headers, Pitch: 5.08 mm

MSTBV 2,5/...-G, Linear pinning



Dimensions	[mm]
Solder pin length	3.9
Length l	8.57
Height h	12

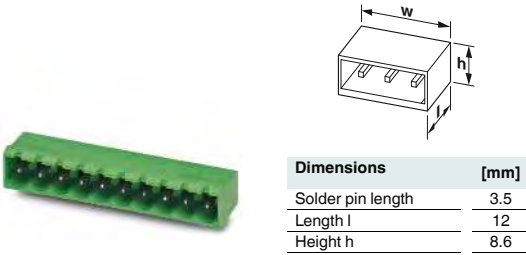


Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MSTBV 2,5/ 2-G-5,08	1758018	250	10.16
3	MSTBV 2,5/ 3-G-5,08	1758021	250	15.24
4	MSTBV 2,5/ 4-G-5,08	1758034	250	20.32
5	MSTBV 2,5/ 5-G-5,08	1758047	250	25.4
6	MSTBV 2,5/ 6-G-5,08	1758050	100	30.48
7	MSTBV 2,5/ 7-G-5,08	1758063	100	35.56
8	MSTBV 2,5/ 8-G-5,08	1758076	100	40.64
9	MSTBV 2,5/ 9-G-5,08	1758089	100	45.72
10	MSTBV 2,5/10-G-5,08	1758092	100	50.8
11	MSTBV 2,5/11-G-5,08	1758102	50	55.88
12	MSTBV 2,5/12-G-5,08	1758115	50	60.96
13	MSTBV 2,5/13-G-5,08	1758128	50	66.04
14	MSTBV 2,5/14-G-5,08	1758131	50	71.12
15	MSTBV 2,5/15-G-5,08	1758144	50	76.2
16	MSTBV 2,5/16-G-5,08	1758157	50	81.28
17	MSTBV 2,5/17-G-5,08	1758160	50	86.36
18	MSTBV 2,5/18-G-5,08	1758173	50	91.44
19	MSTBV 2,5/19-G-5,08	1758186	50	96.52
20	MSTBV 2,5/20-G-5,08	1758199	50	101.6
21	MSTBV 2,5/21-G-5,08	1758209	50	106.68
22	MSTBV 2,5/22-G-5,08	1758212	50	111.76
23	MSTBV 2,5/23-G-5,08	1758225	50	116.84
24	MSTBV 2,5/24-G-5,08	1758238	50	121.92

PCB headers, Pitch: 5 mm

MSTBA 2,5/...-G, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	12
Height h	8.6



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MSTBA 2,5/ 2-G	1757475	250	12.16
3	MSTBA 2,5/ 3-G	1757488	250	17
4	MSTBA 2,5/ 4-G	1757491	250	22
5	MSTBA 2,5/ 5-G	1757501	250	27
6	MSTBA 2,5/ 6-G	1757514	100	32
7	MSTBA 2,5/ 7-G	1755493	100	37
8	MSTBA 2,5/ 8-G	1757527	100	42
9	MSTBA 2,5/ 9-G	1757530	100	47
10	MSTBA 2,5/10-G	1757543	100	52
11	MSTBA 2,5/11-G	1757556	50	57
12	MSTBA 2,5/12-G	1757569	50	62
13	MSTBA 2,5/13-G	1757572	50	67
14	MSTBA 2,5/14-G	1757585	50	72
15	MSTBA 2,5/15-G	1757598	50	77
16	MSTBA 2,5/16-G	1757608	50	82
17	MSTBA 2,5/17-G	1757611	50	87
18	MSTBA 2,5/18-G	1757624	50	92
19	MSTBA 2,5/19-G	1757637	50	97
20	MSTBA 2,5/20-G	1757640	50	102
21	MSTBA 2,5/21-G	1757653	50	107
22	MSTBA 2,5/22-G	1757666	50	112
23	MSTBA 2,5/23-G	1757679	50	117
24	MSTBA 2,5/24-G	1757682	50	122



Technical data

Connection system / type of contact		CLASSIC COMBICON / Male connector		
Locking		without		
Electrical parameters				
Rated current / conductor cross section		[A] / [mm²]	12 / -	
Surge voltage category/degree of pollution			III/3	III / 2
Rated insulation voltage		[V]	250	320
Rated surge voltage		[kV]	4	4
Approval data (UL/CUL)				
Use Group			B	C
Nominal voltage/current		[V] / [A]	300 / 12	-
AWG			-	-
Approval data (CSA)				
Use Group			B	C
Nominal voltage/current		[V] / [A]	300 / 12	-
AWG			-	-
General data				
Type of insulation material / insulation material group			PA / I	
Inflammability class in acc. with UL 94			V0	

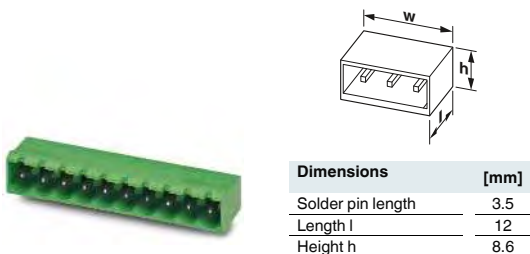


Technical data

Connection system / type of contact		CLASSIC COMBICON / Male connector		
Locking		without		
Electrical parameters				
Rated current / conductor cross section		[A] / [mm²]	12 / -	
Surge voltage category/degree of pollution			III/3	III / 2 II / 2
Rated insulation voltage		[V]	250	320 400
Rated surge voltage		[kV]	4	4 4
Approval data (UL/CUL)				
Use Group			B	C D
Nominal voltage/current		[V] / [A]	300 / 15	- 300 / 10
AWG			-	- -
Approval data (CSA)				
Use Group			B	C D
Nominal voltage/current		[V] / [A]	300 / 10	- 300 / 10
AWG			-	- -
General data				
Type of insulation material / insulation material group			PA / I	
Inflammability class in acc. with UL 94			V0	

PCB headers, Pitch: 5.08 mm

MSTBA 2,5/...-G, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	12
Height h	8.6

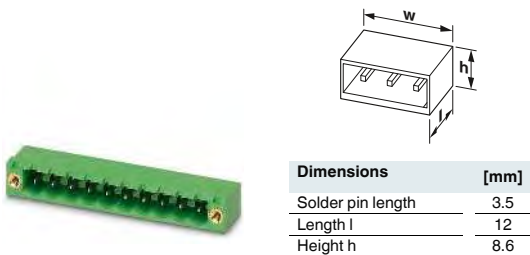


Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MSTBA 2,5/ 2-G-5,08	1757242	250	12.16
3	MSTBA 2,5/ 3-G-5,08	1757255	250	17.16
4	MSTBA 2,5/ 4-G-5,08	1757268	250	22.24
5	MSTBA 2,5/ 5-G-5,08	1757271	250	27.32
6	MSTBA 2,5/ 6-G-5,08	1757284	100	32.4
7	MSTBA 2,5/ 7-G-5,08	1757297	100	37.48
8	MSTBA 2,5/ 8-G-5,08	1757307	100	42.56
9	MSTBA 2,5/ 9-G-5,08	1757310	100	47.64
10	MSTBA 2,5/10-G-5,08	1757323	100	52.72
11	MSTBA 2,5/11-G-5,08	1757336	50	57.8
12	MSTBA 2,5/12-G-5,08	1757349	50	62.88
13	MSTBA 2,5/13-G-5,08	1757352	50	67.96
14	MSTBA 2,5/14-G-5,08	1757365	50	73.04
15	MSTBA 2,5/15-G-5,08	1757378	50	78.12
16	MSTBA 2,5/16-G-5,08	1757381	50	83.2
17	MSTBA 2,5/17-G-5,08	1757394	50	88.28
18	MSTBA 2,5/18-G-5,08	1757404	50	93.36
19	MSTBA 2,5/19-G-5,08	1757417	50	98.44
20	MSTBA 2,5/20-G-5,08	1757420	50	103.52
21	MSTBA 2,5/21-G-5,08	1757433	50	108.6
22	MSTBA 2,5/22-G-5,08	1757446	50	113.68
23	MSTBA 2,5/23-G-5,08	1757459	50	118.76
24	MSTBA 2,5/24-G-5,08	1757462	50	123.84

PCB headers, Pitch: 5 mm

MSTB 2,5/...-GF, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	12
Height h	8.6



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MSTB 2,5/ 2-GF	1776692	250	20
3	MSTB 2,5/ 3-GF	1776702	250	25
4	MSTB 2,5/ 4-GF	1776715	250	30
5	MSTB 2,5/ 5-GF	1776728	250	35
6	MSTB 2,5/ 6-GF	1776731	100	40
7	MSTB 2,5/ 7-GF	1776744	100	45
8	MSTB 2,5/ 8-GF	1776757	100	50
9	MSTB 2,5/ 9-GF	1776760	100	55
10	MSTB 2,5/10-GF	1776773	100	60
11	MSTB 2,5/11-GF	1776786	50	65
12	MSTB 2,5/12-GF	1776799	50	70
13	MSTB 2,5/13-GF	1776809	50	75
14	MSTB 2,5/14-GF	1776812	50	80
15	MSTB 2,5/15-GF	1776825	50	85
16	MSTB 2,5/16-GF	1776838	50	90
17	MSTB 2,5/17-GF	1776841	50	95
18	MSTB 2,5/18-GF	1776854	50	100
19	MSTB 2,5/19-GF	1776867	50	105
20	MSTB 2,5/20-GF	1776870	50	110



Technical data

Connection system / type of contact		CLASSIC COMBICON / Male connector		
Locking		without		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	400
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		-	-	-
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		-	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		



Technical data

Connection system / type of contact		CLASSIC COMBICON / Male connector		
Locking		Threaded flange		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	400
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	150 / 15
AWG		-	-	-
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		-	-	-
General data				
Type of insulation material / insulation material group		PBT / IIIa		
Inflammability class in acc. with UL 94		V0		

PCB connectors
Conductor cross section up to 2.5 mm² (AWG 14)

PCB headers, Pitch: 5.08 mm

MSTB 2,5/...-GF-EX, Linear pinning

Diagram of a PCB header with dimensions w, h, and l. Below it is a photograph of the physical component. To the right is a table of dimensions in mm: Solder pin length (3.5), Length l (12), Height h (8.6). To the left are certification logos for EAC and EAC Ex.

Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. It lists 12 different configurations of MSTB 2,5/...-GF-EX connectors.

Icons representing technical specifications: WAVE, 12 A IEC, 5,08 mm pitch, and 2,5 mm² conductor cross-section.

Technical data table for CLASSIC COMBICON (EX) / Male connector. It includes connection system, locking, ex marking, examination certificate, IECEx certificate, electrical parameters (rated current, voltage), and general data (insulation material, inflammability class).

PCB headers, Pitch: 5.08 mm

MSTB 2,5/...-GF, Linear pinning

Diagram of a PCB header with dimensions w, h, and l. Below it is a photograph of the physical component. To the right is a table of dimensions in mm: Solder pin length (3.5), Length l (12), Height h (8.6). To the left are certification logos for EAC, EAC Ex, and CB.

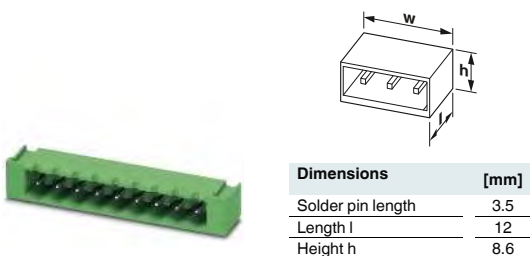
Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. It lists 24 different configurations of MSTB 2,5/...-GF connectors.

Icons representing technical specifications: WAVE, 320 V IEC, 12 A IEC, 5,08 mm pitch, and 2,5 mm² conductor cross-section.

Technical data table for CLASSIC COMBICON / Male connector. It includes connection system, locking, electrical parameters (rated current, voltage, surge voltage), approval data (UL/CUL, CSA), and general data (insulation material, inflammability class).

PCB headers, Pitch: 5.08 mm

MSTBA 2,5/..-G-LR, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MSTBA 2,5/ 2-G-5,08-LR	1809076	50	20.32
3	MSTBA 2,5/ 3-G-5,08-LR	1809089	50	25.4
4	MSTBA 2,5/ 4-G-5,08-LR	1809092	50	30.48
5	MSTBA 2,5/ 5-G-5,08-LR	1809102	50	35.56
6	MSTBA 2,5/ 6-G-5,08-LR	1809115	50	40.64
7	MSTBA 2,5/ 7-G-5,08-LR	1809128	50	45.72
8	MSTBA 2,5/ 8-G-5,08-LR	1809131	50	50.8
9	MSTBA 2,5/ 9-G-5,08-LR	1809144	50	55.88
10	MSTBA 2,5/10-G-5,08-LR	1809157	50	60.96
11	MSTBA 2,5/11-G-5,08-LR	1809160	50	66.04
12	MSTBA 2,5/12-G-5,08-LR	1809173	50	71.12
13	MSTBA 2,5/13-G-5,08-LR	1809186	50	76.2
14	MSTBA 2,5/14-G-5,08-LR	1809199	50	81.28
15	MSTBA 2,5/15-G-5,08-LR	1809209	50	86.36
16	MSTBA 2,5/16-G-5,08-LR	1809212	50	91.44
17	MSTBA 2,5/17-G-5,08-LR	1809225	50	96.52
18	MSTBA 2,5/18-G-5,08-LR	1809238	50	101.6
19	MSTBA 2,5/19-G-5,08-LR	1809241	50	106.68
20	MSTBA 2,5/20-G-5,08-LR	1809254	50	111.76

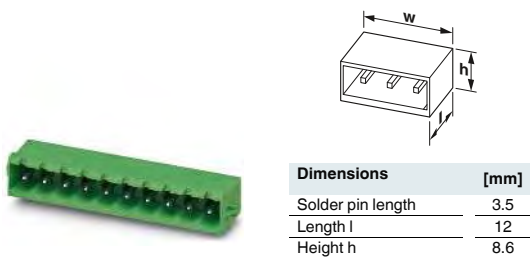


Technical data

Connection system / type of contact	CLASSIC COMBICON / Male connector		
Locking	Lock & release threaded flange		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	12 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	250	320
Rated surge voltage	[kV]	4	4
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 15	300 / 10
AWG		-	-
General data			
Type of insulation material / insulation material group	PBT / IIIa		
Inflammability class in acc. with UL 94	V0		

PCB headers, Pitch: 5 mm

MSTBA 2,5/..-G-RN, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MSTBA 2,5/ 2-G-RN	1944783	50	15.82
3	MSTBA 2,5/ 3-G-RN	1944796	50	20.82
4	MSTBA 2,5/ 4-G-RN	1944806	50	25.82
5	MSTBA 2,5/ 5-G-RN	1944819	50	30.82
6	MSTBA 2,5/ 6-G-RN	1944822	50	35.82
7	MSTBA 2,5/ 7-G-RN	1944835	50	40.82
8	MSTBA 2,5/ 8-G-RN	1944848	50	45.82
9	MSTBA 2,5/ 9-G-RN	1944851	50	50.82
10	MSTBA 2,5/10-G-RN	1944864	50	55.82
11	MSTBA 2,5/11-G-RN	1944877	50	60.82
12	MSTBA 2,5/12-G-RN	1944880	50	65.82
13	MSTBA 2,5/13-G-RN	1944893	50	70.82
14	MSTBA 2,5/14-G-RN	1944903	50	75.82
15	MSTBA 2,5/15-G-RN	1944916	50	80.82
16	MSTBA 2,5/16-G-RN	1944929	50	85.82
17	MSTBA 2,5/17-G-RN	1944932	50	90.82
18	MSTBA 2,5/18-G-RN	1944945	50	95.82
19	MSTBA 2,5/19-G-RN	1944958	50	100.82
20	MSTBA 2,5/20-G-RN	1944961	50	105.82



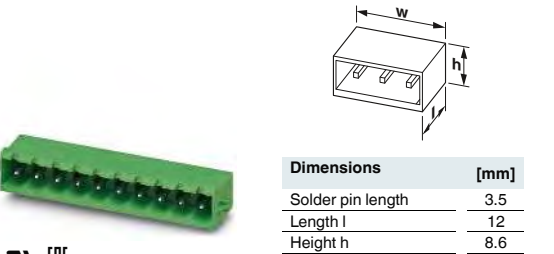
Technical data

Connection system / type of contact	CLASSIC COMBICON / Male connector		
Locking	Engagement nose		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	12 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	250	320
Rated surge voltage	[kV]	4	4
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 15	300 / 10
AWG		-	-
General data			
Type of insulation material / insulation material group	PBT / IIIa		
Inflammability class in acc. with UL 94	V0		

PCB connectors
Conductor cross section up to 2.5 mm² (AWG 14)

PCB headers, Pitch: 5.08 mm

MSTBA 2,5/...-G-RN-EX, Linear pinning



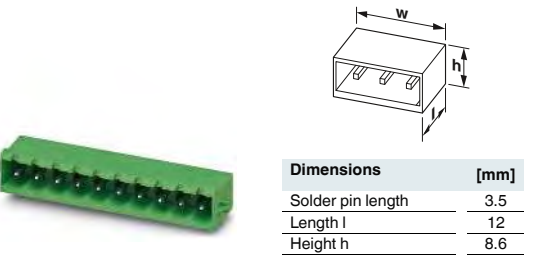
Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-12 showing various pin counts and order numbers.



Technical data table for CLASSIC COMBICON (EX) / Male connector. Includes connection system, locking, examination certificate, electrical parameters (12 A, 176 V), and general data (PA / I, V0).

PCB headers, Pitch: 5.08 mm

MSTBA 2,5/...-G-RN, Linear pinning



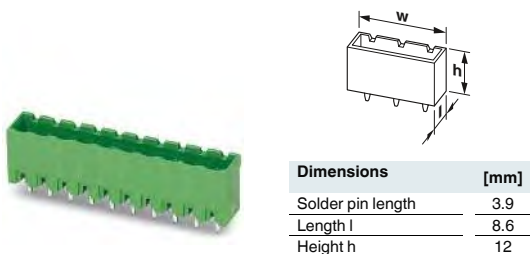
Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-18 showing various pin counts and order numbers.



Technical data table for CLASSIC COMBICON / Male connector. Includes connection system, locking, examination certificate, electrical parameters (12 A, 320 V), approval data (UL/CUL), and general data (PBT / IIIa, V0).

PCB headers, Pitch: 5 mm

MSTBVA 2,5/-G, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MSTBVA 2,5/ 2-G	1755516	250	12
3	MSTBVA 2,5/ 3-G	1755529	250	17
4	MSTBVA 2,5/ 4-G	1755532	250	22
5	MSTBVA 2,5/ 5-G	1755545	250	27
6	MSTBVA 2,5/ 6-G	1755558	100	32
7	MSTBVA 2,5/ 7-G	1755561	100	37
8	MSTBVA 2,5/ 8-G	1755574	100	42
9	MSTBVA 2,5/ 9-G	1755587	100	47
10	MSTBVA 2,5/10-G	1755503	100	52
11	MSTBVA 2,5/11-G	1755590	50	57
12	MSTBVA 2,5/12-G	1755600	50	62
13	MSTBVA 2,5/13-G	1755613	50	67
14	MSTBVA 2,5/14-G	1755626	50	72
15	MSTBVA 2,5/15-G	1755639	50	77
16	MSTBVA 2,5/16-G	1755642	50	82
17	MSTBVA 2,5/17-G	1755655	50	87
18	MSTBVA 2,5/18-G	1755668	50	92
19	MSTBVA 2,5/19-G	1755671	50	97
20	MSTBVA 2,5/20-G	1755684	50	102
21	MSTBVA 2,5/21-G	1755697	50	107
22	MSTBVA 2,5/22-G	1755707	50	112
23	MSTBVA 2,5/23-G	1755710	50	117
24	MSTBVA 2,5/24-G	1755723	50	122

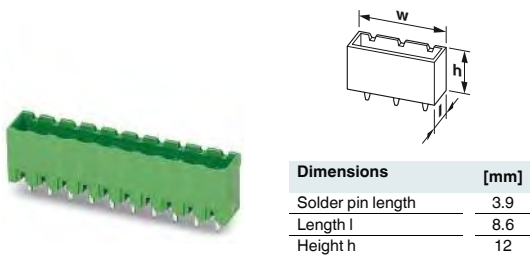


Technical data

Connection system / type of contact		CLASSIC COMBICON / Male connector		
Locking		without		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	400
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 12	-	300 / 10
AWG		-	-	-
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 12	-	300 / 10
AWG		-	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB headers, Pitch: 5.08 mm

MSTBVA 2,5/-G, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MSTBVA 2,5/ 2-G-5,08	1755736	250	12.16
3	MSTBVA 2,5/ 3-G-5,08	1755749	250	17.24
4	MSTBVA 2,5/ 4-G-5,08	1755752	250	22.32
5	MSTBVA 2,5/ 5-G-5,08	1755765	250	27.4
6	MSTBVA 2,5/ 6-G-5,08	1755778	100	32.48
7	MSTBVA 2,5/ 7-G-5,08	1755781	100	37.56
8	MSTBVA 2,5/ 8-G-5,08	1755794	100	42.64
9	MSTBVA 2,5/ 9-G-5,08	1755804	100	47.72
10	MSTBVA 2,5/10-G-5,08	1755817	100	52.8
11	MSTBVA 2,5/11-G-5,08	1755820	50	57.88
12	MSTBVA 2,5/12-G-5,08	1755833	50	62.96
13	MSTBVA 2,5/13-G-5,08	1755846	50	68.04
14	MSTBVA 2,5/14-G-5,08	1755859	50	73.12
15	MSTBVA 2,5/15-G-5,08	1755862	50	78.2
16	MSTBVA 2,5/16-G-5,08	1755875	50	83.28
17	MSTBVA 2,5/17-G-5,08	1755888	50	88.36
18	MSTBVA 2,5/18-G-5,08	1755891	50	93.44
19	MSTBVA 2,5/19-G-5,08	1755901	50	98.52
20	MSTBVA 2,5/20-G-5,08	1755914	50	103.6
21	MSTBVA 2,5/21-G-5,08	1755927	50	108.68
22	MSTBVA 2,5/22-G-5,08	1755930	50	113.76
23	MSTBVA 2,5/23-G-5,08	1755943	50	118.84
24	MSTBVA 2,5/24-G-5,08	1755956	50	123.92



Technical data

Connection system / type of contact		CLASSIC COMBICON / Male connector		
Locking		without		
Electrical parameters				
Rated current / conductor cross section		[A] / [mm²]	12 / -	
Surge voltage category/degree of pollution			III/3	III / 2 II / 2
Rated insulation voltage		[V]	250	320 630
Rated surge voltage		[kV]	4	4 4
Approval data (UL/CUL)				
Use Group			B	C D
Nominal voltage/current		[V] / [A]	300 / 12	- 300 / 10
AWG			-	- -
Approval data (CSA)				
Use Group			B	C D
Nominal voltage/current		[V] / [A]	300 / 12	- 300 / 10
AWG			-	- -
General data				
Type of insulation material / insulation material group			PA / I	
Inflammability class in acc. with UL 94			V0	

PCB connectors
Conductor cross section up to 2.5 mm² (AWG 14)

PCB headers, Pitch: 5 mm

MSTBV 2,5/..-GF, Linear pinning

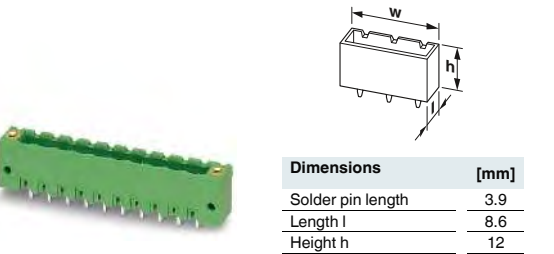


Table with 2 columns: Dimensions, [mm]. Rows: Solder pin length (3.9), Length l (8.6), Height h (12).



Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-20 for various pin counts and lengths.



Technical data table for PCB headers. Includes connection system, locking, electrical parameters (current, voltage, surge), and approval data (UL/CUL, CSA).

PCB headers, Pitch: 5.08 mm

MSTBV 2,5/..-GF, Linear pinning

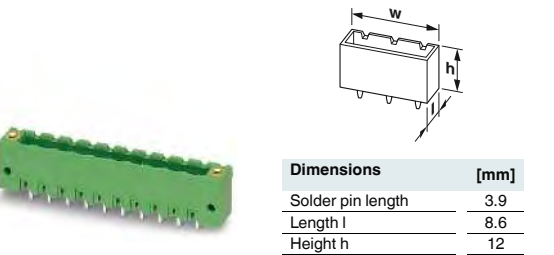


Table with 2 columns: Dimensions, [mm]. Rows: Solder pin length (3.9), Length l (8.6), Height h (12).



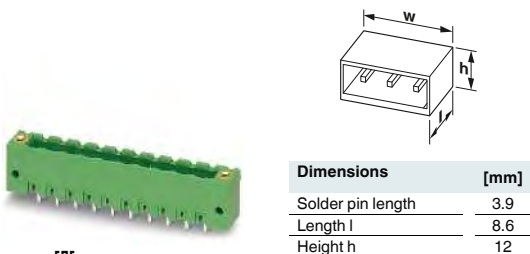
Ordering data table for 5.08 mm pitch headers. Columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-24 for various pin counts and lengths.



Technical data table for 5.08 mm pitch PCB headers. Includes connection system, locking, electrical parameters, and approval data.

PCB headers, Pitch: 5.08 mm

MSTBV 2,5/...-GF-EX, Linear pinning



Ex: EAC Ex

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MSTBV 2,5/ 2-GF-5,08 EX	1796322	50	20.32
3	MSTBV 2,5/ 3-GF-5,08 EX	1796335	50	25.4
4	MSTBV 2,5/ 4-GF-5,08 EX	1796348	50	30.48
5	MSTBV 2,5/ 5-GF-5,08 EX	1796351	50	35.56
6	MSTBV 2,5/ 6-GF-5,08 EX	1796364	50	40.64
7	MSTBV 2,5/ 7-GF-5,08 EX	1796377	50	45.72
8	MSTBV 2,5/ 8-GF-5,08 EX	1796380	50	50.8
9	MSTBV 2,5/ 9-GF-5,08 EX	1796393	50	55.88
10	MSTBV 2,5/10-GF-5,08 EX	1796403	50	60.96
11	MSTBV 2,5/11-GF-5,08 EX	1796416	50	66.04
12	MSTBV 2,5/12-GF-5,08 EX	1796429	50	71.12

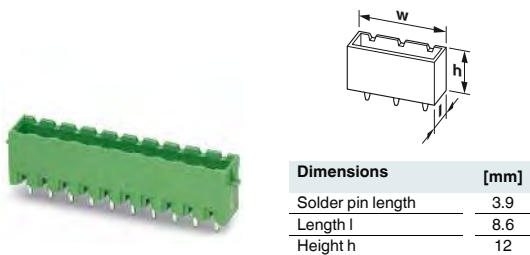


Technical data

Connection system / type of contact	CLASSIC COMBICON / Male connector
Locking	Threaded flange
Ex marking	0344 Ex II 2GD Ex e IIC Gb
Examination certificate	KEMA 10ATEX0196 U
IECEX certificate	IECEX KEM 10.0093U
Electrical parameters	
Rated current / conductor cross section	[A] / [mm²] 12 / -
Rated voltage	[V] 176
General data	
Type of insulation material / insulation material group	PA / I
Inflammability class in acc. with UL 94	V0

PCB headers, Pitch: 5 mm

MSTBVA 2,5/...-G-RN, Linear pinning



Ex: EAC Ex

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MSTBVA 2,5/ 2-G-RN	1944592	50	12
3	MSTBVA 2,5/ 3-G-RN	1944602	50	17
4	MSTBVA 2,5/ 4-G-RN	1944615	50	22
5	MSTBVA 2,5/ 5-G-RN	1944628	50	27
6	MSTBVA 2,5/ 6-G-RN	1944631	50	32
7	MSTBVA 2,5/ 7-G-RN	1944644	50	37
8	MSTBVA 2,5/ 8-G-RN	1944657	50	42
9	MSTBVA 2,5/ 9-G-RN	1944660	50	47
10	MSTBVA 2,5/10-G-RN	1944673	50	52
11	MSTBVA 2,5/11-G-RN	1944686	50	57
12	MSTBVA 2,5/12-G-RN	1944699	50	62
13	MSTBVA 2,5/13-G-RN	1944709	50	67
14	MSTBVA 2,5/14-G-RN	1944712	50	72
15	MSTBVA 2,5/15-G-RN	1944725	50	77
16	MSTBVA 2,5/16-G-RN	1944738	50	82
17	MSTBVA 2,5/17-G-RN	1944741	50	87
18	MSTBVA 2,5/18-G-RN	1944754	50	92
19	MSTBVA 2,5/19-G-RN	1944767	50	97
20	MSTBVA 2,5/20-G-RN	1944770	50	102



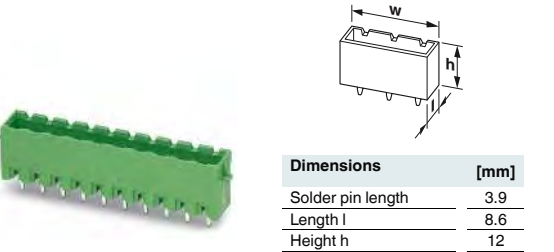
Technical data

Connection system / type of contact	CLASSIC COMBICON / Male connector
Locking	Engagement nose
Electrical parameters	
Rated current / conductor cross section	[A] / [mm²] 12 / -
Surge voltage category/degree of pollution	III/3 III / 2 II / 2
Rated insulation voltage	[V] 250 320 400
Rated surge voltage	[kV] 4 4 4
Approval data (UL/CUL)	
Use Group	B C D
Nominal voltage/current	[V] / [A] 300 / 12 - 300 / 10
AWG	- - -
General data	
Type of insulation material / insulation material group	PBT / IIIa
Inflammability class in acc. with UL 94	V0

PCB connectors
Conductor cross section up to 2.5 mm² (AWG 14)

PCB headers, Pitch: 5.08 mm

MSTBVA 2,5/-G-RN, Linear pinning



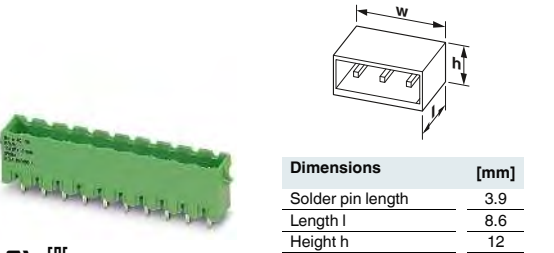
Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2 to 18.



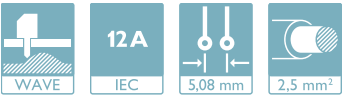
Technical data table for CLASSIC COMBICON / Male connector. Includes sections for Locking, Electrical parameters, Approval data, and General data.

PCB headers, Pitch: 5.08 mm

MSTBVA 2,5/-G-RN-EX, Linear pinning



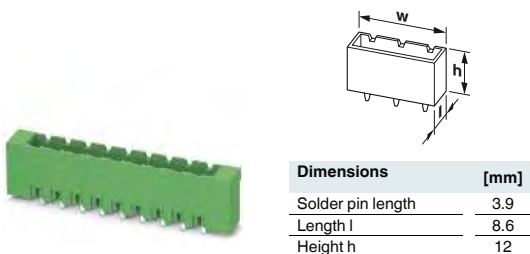
Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2 to 12.



Technical data table for CLASSIC COMBICON / Male connector. Includes sections for Locking, Examination certificate, Electrical parameters, and General data.

PCB headers, Pitch: 5.08 mm

MSTBVA 2,5/...-G-LR, Linear pinning



Dimensions	[mm]
Solder pin length	3.9
Length l	8.6
Height h	12

UL ENEC

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MSTBVA 2,5/ 2-G-5,08-LR	1809267	50	20.32
3	MSTBVA 2,5/ 3-G-5,08-LR	1809270	50	25.4
4	MSTBVA 2,5/ 4-G-5,08-LR	1809283	50	30.48
5	MSTBVA 2,5/ 5-G-5,08-LR	1809296	50	35.56
6	MSTBVA 2,5/ 6-G-5,08-LR	1809306	50	40.64
7	MSTBVA 2,5/ 7-G-5,08-LR	1809319	50	45.72
8	MSTBVA 2,5/ 8-G-5,08-LR	1809322	50	50.8
9	MSTBVA 2,5/ 9-G-5,08-LR	1809335	50	55.88
10	MSTBVA 2,5/10-G-5,08-LR	1809348	50	60.96
11	MSTBVA 2,5/11-G-5,08-LR	1809351	50	66.04
12	MSTBVA 2,5/12-G-5,08-LR	1809364	50	71.12
13	MSTBVA 2,5/13-G-5,08-LR	1809377	50	76.2
14	MSTBVA 2,5/14-G-5,08-LR	1809380	50	81.28
15	MSTBVA 2,5/15-G-5,08-LR	1809393	50	86.36
16	MSTBVA 2,5/16-G-5,08-LR	1809403	50	91.44
17	MSTBVA 2,5/17-G-5,08-LR	1809416	50	96.52
18	MSTBVA 2,5/18-G-5,08-LR	1809429	50	101.6
19	MSTBVA 2,5/19-G-5,08-LR	1809432	50	106.68
20	MSTBVA 2,5/20-G-5,08-LR	1809445	50	111.76

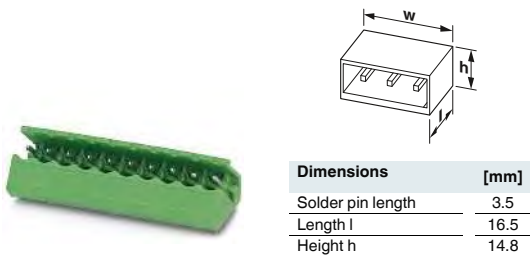


Technical data

Connection system / type of contact	CLASSIC COMBICON / Male connector		
Locking	Lock & release threaded flange		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	12 / -	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	250	320 400
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 15	- 300 / 10
AWG		-	- -
General data			
Type of insulation material / insulation material group	PBT / IIIa		
Inflammability class in acc. with UL 94	V0		

PCB headers, Pitch: 5 mm

SMSTB 2,5/...-G, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	16.5
Height h	14.8

UL ENEC CB

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SMSTB 2,5/ 2-G	1769230	50	10
3	SMSTB 2,5/ 3-G	1769243	50	15
4	SMSTB 2,5/ 4-G	1769256	50	20
5	SMSTB 2,5/ 5-G	1769269	50	25
6	SMSTB 2,5/ 6-G	1769272	50	30
7	SMSTB 2,5/ 7-G	1769285	50	35
8	SMSTB 2,5/ 8-G	1769298	50	40
9	SMSTB 2,5/ 9-G	1769308	50	45
10	SMSTB 2,5/10-G	1769311	50	50
11	SMSTB 2,5/11-G	1769324	50	55
12	SMSTB 2,5/12-G	1769337	50	60
13	SMSTB 2,5/13-G	1769340	50	65
14	SMSTB 2,5/14-G	1769353	50	70
15	SMSTB 2,5/15-G	1769366	50	75
16	SMSTB 2,5/16-G	1769379	50	80
17	SMSTB 2,5/17-G	1769382	50	85
18	SMSTB 2,5/18-G	1769395	50	90
19	SMSTB 2,5/19-G	1769405	50	95
20	SMSTB 2,5/20-G	1769418	50	100
21	SMSTB 2,5/21-G	1769421	50	105
22	SMSTB 2,5/22-G	1769434	50	110
23	SMSTB 2,5/23-G	1769447	50	115
24	SMSTB 2,5/24-G	1769450	50	120



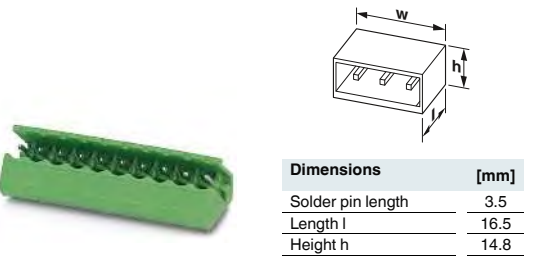
Technical data

Connection system / type of contact	CLASSIC COMBICON / Male connector		
Locking	without		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	12 / -	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	250	320 400
Rated surge voltage	[kV]	4	4 4
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 15	- 300 / 10
AWG		-	- -
Approval data (CSA)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 15	- 300 / 10
AWG		-	- -
General data			
Type of insulation material / insulation material group	PA / I		
Inflammability class in acc. with UL 94	V0		

PCB connectors
Conductor cross section up to 2.5 mm² (AWG 14)

PCB headers, Pitch: 5.08 mm

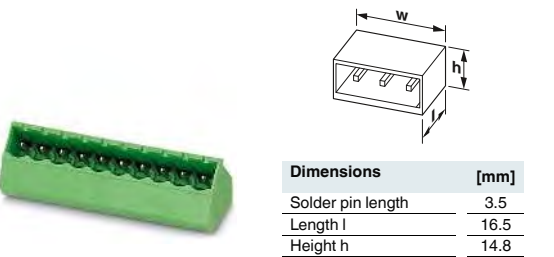
SMSTB 2,5/-G, Linear pinning



Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-24.

PCB headers, Pitch: 5 mm

SMSTBA 2,5/-G, Linear pinning



Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-24.



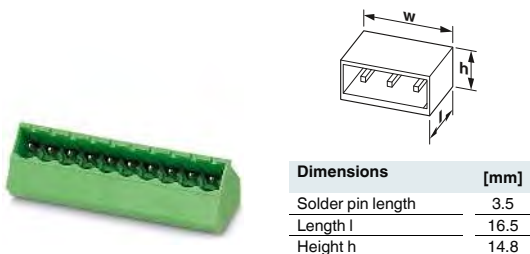
Technical data table for SMSTB 2,5/-G. Includes connection system, locking, electrical parameters, and approval data.



Technical data table for SMSTBA 2,5/-G. Includes connection system, locking, electrical parameters, and approval data.

PCB headers, Pitch: 5.08 mm

SMSTBA 2,5/-G, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	16.5
Height h	14.8

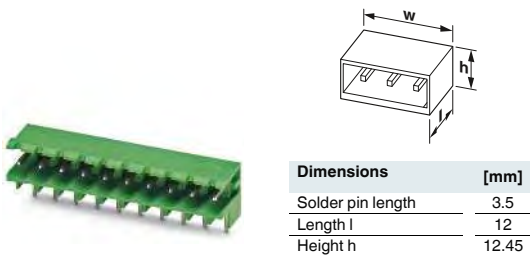


Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SMSTBA 2,5/ 2-G-5,08	1767371	100	12.16
3	SMSTBA 2,5/ 3-G-5,08	1767384	100	17.24
4	SMSTBA 2,5/ 4-G-5,08	1767397	100	22.32
5	SMSTBA 2,5/ 5-G-5,08	1767407	100	27.4
6	SMSTBA 2,5/ 6-G-5,08	1767410	50	32.48
7	SMSTBA 2,5/ 7-G-5,08	1767423	50	37.56
8	SMSTBA 2,5/ 8-G-5,08	1767436	50	42.64
9	SMSTBA 2,5/ 9-G-5,08	1767449	50	47.72
10	SMSTBA 2,5/10-G-5,08	1767452	50	52.8
11	SMSTBA 2,5/11-G-5,08	1767465	50	57.88
12	SMSTBA 2,5/12-G-5,08	1767478	50	62.96
13	SMSTBA 2,5/13-G-5,08	1767481	50	68.04
14	SMSTBA 2,5/14-G-5,08	1767494	50	73.12
15	SMSTBA 2,5/15-G-5,08	1767504	50	78.2
16	SMSTBA 2,5/16-G-5,08	1767517	50	83.28
17	SMSTBA 2,5/17-G-5,08	1767520	50	88.36
18	SMSTBA 2,5/18-G-5,08	1767533	50	93.44
19	SMSTBA 2,5/19-G-5,08	1767546	50	98.52
20	SMSTBA 2,5/20-G-5,08	1767559	50	103.6
21	SMSTBA 2,5/21-G-5,08	1767562	50	108.68
22	SMSTBA 2,5/22-G-5,08	1767575	50	113.76
23	SMSTBA 2,5/23-G-5,08	1767588	50	118.84
24	SMSTBA 2,5/24-G-5,08	1767591	50	123.92

PCB headers, Pitch: 5 mm

MSTBW 2,5/-G, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	12
Height h	12.45



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MSTBW 2,5/ 2-G	1736111	50	10
3	MSTBW 2,5/ 3-G	1736108	50	15
4	MSTBW 2,5/ 4-G	1736098	50	20
5	MSTBW 2,5/ 5-G	1736085	50	25
6	MSTBW 2,5/ 6-G	1736072	50	30
7	MSTBW 2,5/ 7-G	1736069	50	35
8	MSTBW 2,5/ 8-G	1736056	50	40
9	MSTBW 2,5/ 9-G	1736043	50	45
10	MSTBW 2,5/10-G	1736030	50	50
11	MSTBW 2,5/11-G	1736027	50	55
12	MSTBW 2,5/12-G	1736014	50	60
13	MSTBW 2,5/13-G	1736001	50	65
14	MSTBW 2,5/14-G	1735992	50	70
15	MSTBW 2,5/15-G	1735989	50	75
16	MSTBW 2,5/16-G	1735976	50	80
17	MSTBW 2,5/17-G	1735963	50	85
18	MSTBW 2,5/18-G	1735950	50	90
19	MSTBW 2,5/19-G	1735947	50	95
20	MSTBW 2,5/20-G	1735934	50	100
21	MSTBW 2,5/21-G	1735921	50	105



Technical data

Connection system / type of contact		CLASSIC COMBICON / Male connector		
Locking		without		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		-	-	-
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		-	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		



Technical data

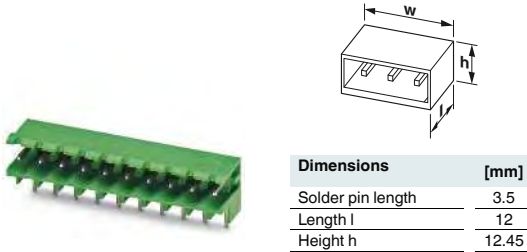
Connection system / type of contact		CLASSIC COMBICON / Male connector		
Locking		without		
Electrical parameters				
Rated current / conductor cross section		[A] / [mm²]	12 / -	
Surge voltage category/degree of pollution			III/3	III / 2 II / 2
Rated insulation voltage		[V]	250	320 400
Rated surge voltage		[kV]	4	4 4
Approval data (UL/CUL)				
Use Group			B	C D
Nominal voltage/current		[V] / [A]	300 / 15	- 300 / 10
AWG			-	- -
Approval data (CSA)				
Use Group			B	C D
Nominal voltage/current		[V] / [A]	300 / 15	- 300 / 10
AWG			-	- -
General data				
Type of insulation material / insulation material group			PBT / IIIa	
Inflammability class in acc. with UL 94			V0	

PCB connectors

Conductor cross section up to 2.5 mm² (AWG 14)

PCB headers, Pitch: 5.08 mm

MSTBW 2,5/...-G, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	12
Height h	12.45

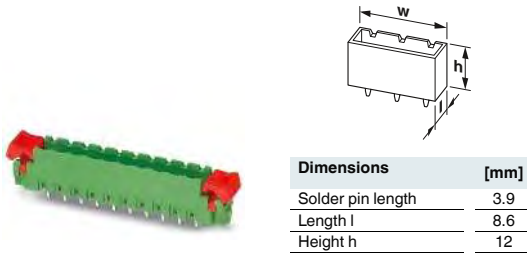


Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MSTBW 2,5/ 2-G-5,08	1735882	50	10.16
3	MSTBW 2,5/ 3-G-5,08	1735879	50	21.06
4	MSTBW 2,5/ 4-G-5,08	1735866	50	26.14
5	MSTBW 2,5/ 5-G-5,08	1735853	50	31.22
6	MSTBW 2,5/ 6-G-5,08	1735840	50	36.3
7	MSTBW 2,5/ 7-G-5,08	1735837	50	41.38
8	MSTBW 2,5/ 8-G-5,08	1735824	50	46.46
9	MSTBW 2,5/ 9-G-5,08	1735811	50	51.54
10	MSTBW 2,5/10-G-5,08	1735808	50	56.62
11	MSTBW 2,5/11-G-5,08	1735798	50	61.7
12	MSTBW 2,5/12-G-5,08	1735785	50	66.78
13	MSTBW 2,5/13-G-5,08	1735772	50	71.86
14	MSTBW 2,5/14-G-5,08	1735769	50	76.94
15	MSTBW 2,5/15-G-5,08	1735756	50	82.02
16	MSTBW 2,5/16-G-5,08	1735743	50	87.1
17	MSTBW 2,5/17-G-5,08	1735730	50	92.18
18	MSTBW 2,5/18-G-5,08	1735727	50	97.26
19	MSTBW 2,5/19-G-5,08	1735714	50	102.34
20	MSTBW 2,5/20-G-5,08	1735701	50	107.42
21	MSTBW 2,5/21-G-5,08	1735691	50	112.5
22	MSTBW 2,5/22-G-5,08	1735688	50	117.58
23	MSTBW 2,5/23-G-5,08	1735675	50	122.66
24	MSTBW 2,5/24-G-5,08	1735662	50	127.74

PCB headers, Pitch: 5.08 mm

MSTBV 2,5/...-GEH, Linear pinning



Dimensions	[mm]
Solder pin length	3.9
Length l	8.6
Height h	12



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
8	MSTBV 2,5/ 8-GEH-5,08	1808528	50	63.96
2	MSTBV 2,5/ 2-GEH-5,08	1808463	50	33.48
3	MSTBV 2,5/ 3-GEH-5,08	1808476	50	38.56
4	MSTBV 2,5/ 4-GEH-5,08	1808489	50	43.64
5	MSTBV 2,5/ 5-GEH-5,08	1808492	50	48.72
6	MSTBV 2,5/ 6-GEH-5,08	1808502	50	53.8
7	MSTBV 2,5/ 7-GEH-5,08	1808515	50	58.88
9	MSTBV 2,5/ 9-GEH-5,08	1808531	50	69.04
10	MSTBV 2,5/10-GEH-5,08	1808544	50	74.12
11	MSTBV 2,5/11-GEH-5,08	1808557	50	79.2
12	MSTBV 2,5/12-GEH-5,08	1808560	50	84.28
13	MSTBV 2,5/13-GEH-5,08	1808573	50	89.36
14	MSTBV 2,5/14-GEH-5,08	1808586	50	94.44
15	MSTBV 2,5/15-GEH-5,08	1808599	50	99.52
16	MSTBV 2,5/16-GEH-5,08	1808609	50	104.6
17	MSTBV 2,5/17-GEH-5,08	1808612	50	109.68
18	MSTBV 2,5/18-GEH-5,08	1808625	50	114.76
19	MSTBV 2,5/19-GEH-5,08	1808638	50	119.84
20	MSTBV 2,5/20-GEH-5,08	1808641	50	124.92



Technical data

Connection system / type of contact		CLASSIC COMBICON / Male connector		
Locking		without		
Electrical parameters				
Rated current / conductor cross section		[A] / [mm²]	12 / -	
Surge voltage category/degree of pollution			III/3	III / 2
Rated insulation voltage		[V]	250	320
Rated surge voltage		[kV]	4	4
Approval data (UL/CUL)				
Use Group			B	C
Nominal voltage/current		[V] / [A]	300 / 15	-
AWG			-	-
Approval data (CSA)				
Use Group			B	C
Nominal voltage/current		[V] / [A]	300 / 15	-
AWG			-	-
General data				
Type of insulation material / insulation material group			PBT / IIIa	
Inflammability class in acc. with UL 94			V0	

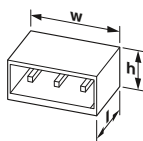


Technical data

Connection system / type of contact		CLASSIC COMBICON / Male connector		
Locking		without		
Electrical parameters				
Rated current / conductor cross section		[A] / [mm²]	12 / -	
Surge voltage category/degree of pollution			III/3	III / 2 II / 2
Rated insulation voltage		[V]	250	320 400
Rated surge voltage		[kV]	4	4 4
Approval data (UL/CUL)				
Use Group			B	C D
Nominal voltage/current		[V] / [A]	300 / 12	- 300 / 10
AWG			-	- -
Approval data (CSA)				
Use Group			B	C D
Nominal voltage/current		[V] / [A]	300 / 12	- 300 / 10
AWG			-	- -
General data				
Type of insulation material / insulation material group			PBT / IIIa	
Inflammability class in acc. with UL 94			V0	

PCB headers, Pitch: 5 mm

MDSTB 2,5/...-G, Linear pinning



Dimensions	[mm]
Solder pin length	3.2
Length l	22.1
Height h	23.7



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MDSTB 2,5/ 2-G	1762046	50	12.5
3	MDSTB 2,5/ 3-G	1762059	50	17.5
4	MDSTB 2,5/ 4-G	1846386	50	27.5
5	MDSTB 2,5/ 5-G	1837133	50	22.5
6	MDSTB 2,5/ 6-G	1846409	50	32.5
7	MDSTB 2,5/ 7-G	1846412	50	37.5
8	MDSTB 2,5/ 8-G	1846425	50	42.5
9	MDSTB 2,5/ 9-G	1846438	50	47.5
10	MDSTB 2,5/10-G	1846441	50	52.5
11	MDSTB 2,5/11-G	1846454	50	57.5
12	MDSTB 2,5/12-G	1846467	50	62.5

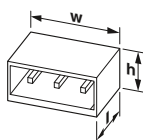


Technical data

Connection system / type of contact	CLASSIC COMBICON / Male connector		
Locking	without		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	10 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	250	320
Rated surge voltage	[kV]	4	4
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 15	300 / 10
AWG		-	-
Approval data (CSA)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 15	300 / 15
AWG		-	-
General data			
Type of insulation material / insulation material group		PBT / IIIa	
Inflammability class in acc. with UL 94		V0	

PCB headers, Pitch: 5.08 mm

MDSTB 2,5/...-G, Linear pinning



Dimensions	[mm]
Solder pin length	3.2
Length l	22.1
Height h	23.7



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MDSTB 2,5/ 2-G-5,08	1762062	50	12.7
3	MDSTB 2,5/ 3-G-5,08	1762075	50	17.78
4	MDSTB 2,5/ 4-G-5,08	1842539	50	22.86
5	MDSTB 2,5/ 5-G-5,08	1842542	50	27.94
6	MDSTB 2,5/ 6-G-5,08	1844977	50	33.02
7	MDSTB 2,5/ 7-G-5,08	1842568	50	38.1
8	MDSTB 2,5/ 8-G-5,08	1840052	50	43.18
9	MDSTB 2,5/ 9-G-5,08	1842584	50	48.26
10	MDSTB 2,5/10-G-5,08	1842597	50	53.34
11	MDSTB 2,5/11-G-5,08	1842607	50	58.42
12	MDSTB 2,5/12-G-5,08	1842610	50	63.5
16	MDSTB 2,5/16-G-5,08	1927739	50	83.82



Technical data

Connection system / type of contact	CLASSIC COMBICON / Male connector		
Locking	without		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	10 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	250	320
Rated surge voltage	[kV]	4	4
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 15	300 / 10
AWG		-	-
Approval data (CSA)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 15	300 / 15
AWG		-	-
General data			
Type of insulation material / insulation material group		PBT/IIIa / I	
Inflammability class in acc. with UL 94		V0	

PCB connectors
Conductor cross section up to 2.5 mm² (AWG 14)

PCB headers, Pitch: 5 mm

MDSTBV 2,5/...-G, Linear pinning

Image of MDSTBV 2,5/...-G connector and a diagram showing dimensions w and h. A table lists dimensions: Solder pin length 3.5, Length l 23.69, Height h 22.1.



Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-12 listing various MDSTBV connector types and their specifications.

Icons representing: WAVE, 320 V IEC, 10 A IEC, 5 mm pitch, and 2,5 mm² cross-section.

Technical data table for MDSTBV 2,5/...-G. Includes connection system, locking, electrical parameters (current, voltage, surge), approval data (UL/CUL, CSA), and general data (insulation material, flammability).

PCB headers, Pitch: 5.08 mm

MDSTBV 2,5/...-G, Linear pinning

Image of MDSTBV 2,5/...-G connector and a diagram showing dimensions w and h. A table lists dimensions: Solder pin length 3.5, Length l 23.7, Height h 22.1.



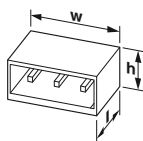
Ordering data table for 5.08 mm pitch. Columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-12 listing MDSTBV connector types.

Icons representing: WAVE, 320 V IEC, 10 A IEC, 5,08 mm pitch, and 2,5 mm² cross-section.

Technical data table for MDSTBV 2,5/...-G (5.08 mm pitch). Includes connection system, locking, electrical parameters, approval data, and general data.

PCB headers, Pitch: 5 mm

MDSTBA 2,5/...-G, Linear pinning



Dimensions	[mm]
Solder pin length	3.2
Length l	22.1
Height h	24



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MDSTBA 2,5/ 2-G	1846519	50	14.5
3	MDSTBA 2,5/ 3-G	1846522	50	19.5
4	MDSTBA 2,5/ 4-G	1846535	50	24.5
5	MDSTBA 2,5/ 5-G	1846548	50	29.5
6	MDSTBA 2,5/ 6-G	1846551	50	34.5
7	MDSTBA 2,5/ 7-G	1846564	50	39.5
8	MDSTBA 2,5/ 8-G	1846577	50	44.5
9	MDSTBA 2,5/ 9-G	1846580	50	49.5
10	MDSTBA 2,5/10-G	1846593	50	54.5
11	MDSTBA 2,5/11-G	1846603	50	59.5
12	MDSTBA 2,5/12-G	1846616	50	64.5

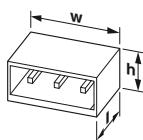


Technical data

Connection system / type of contact		CLASSIC COMBICON / Male connector			
Locking		without			
Electrical parameters					
Rated current / conductor cross section		[A] / [mm²]	10 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2	
Rated insulation voltage		[V]	250	320	400
Rated surge voltage		[kV]	4	4	4
Approval data (UL/CUL)					
Use Group		B	C	D	
Nominal voltage/current		[V] / [A]	300 / 15	-	300 / 10
AWG			-	-	-
General data					
Type of insulation material / insulation material group		PBT / IIIa			
Inflammability class in acc. with UL 94		V0			

PCB headers, Pitch: 5.08 mm

MDSTBA 2,5/...-G, Linear pinning



Dimensions	[mm]
Solder pin length	3.2
Length l	22.1
Height h	23.7



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MDSTBA 2,5/ 2-G-5,08	1842063	50	14.7
3	MDSTBA 2,5/ 3-G-5,08	1842076	50	19.78
4	MDSTBA 2,5/ 4-G-5,08	1842089	50	24.86
5	MDSTBA 2,5/ 5-G-5,08	1842092	50	29.94
6	MDSTBA 2,5/ 6-G-5,08	1842102	50	35.02
7	MDSTBA 2,5/ 7-G-5,08	1842115	50	40.1
8	MDSTBA 2,5/ 8-G-5,08	1842128	50	45.18
9	MDSTBA 2,5/ 9-G-5,08	1842131	50	50.26
10	MDSTBA 2,5/10-G-5,08	1842144	50	55.34
11	MDSTBA 2,5/11-G-5,08	1842157	50	60.42
12	MDSTBA 2,5/12-G-5,08	1842160	50	65.5



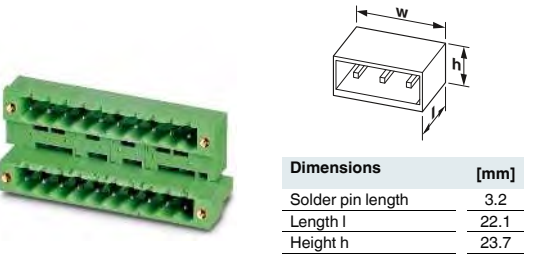
Technical data

Connection system / type of contact		CLASSIC COMBICON / Male connector			
Locking		without			
Electrical parameters					
Rated current / conductor cross section		[A] / [mm²]	10 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2	
Rated insulation voltage		[V]	250	320	400
Rated surge voltage		[kV]	4	4	4
Approval data (UL/CUL)					
Use Group		B	C	D	
Nominal voltage/current		[V] / [A]	300 / 15	-	300 / 10
AWG			-	-	-
General data					
Type of insulation material / insulation material group		PBT / IIIa			
Inflammability class in acc. with UL 94		V0			

PCB connectors
Conductor cross section up to 2.5 mm² (AWG 14)

PCB headers, Pitch: 5 mm

MDSTB 2,5/...-GF, Linear pinning



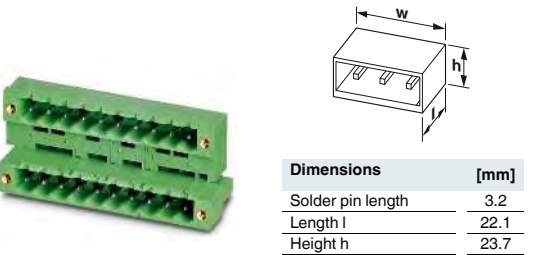
Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2 to 12 for various pin counts and widths.



Technical data table for MDSTB 2,5/...-GF. Includes connection system, locking, electrical parameters (rated current, surge voltage, insulation voltage), approval data (UL/CUL), use group, nominal voltage/current, AWG, general data (insulation material, flammability class).

PCB headers, Pitch: 5.08 mm

MDSTB 2,5/...-GF, Linear pinning



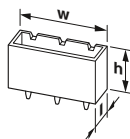
Ordering data table for 5.08 mm pitch. Columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2 to 12 for various pin counts and widths.



Technical data table for MDSTB 2,5/...-GF (5.08 mm pitch). Includes connection system, locking, electrical parameters, approval data, use group, nominal voltage/current, AWG, general data.

PCB headers, Pitch: 5 mm

MDSTBVA 2,5/...-G, Linear pinning



Dimensions	[mm]
Solder pin length	3.9
Length l	23.7
Height h	22



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MDSTBVA 2,5/ 2-G	1845785	50	14.5
3	MDSTBVA 2,5/ 3-G	1845798	50	19.5
4	MDSTBVA 2,5/ 4-G	1845808	50	24.5
5	MDSTBVA 2,5/ 5-G	1845811	50	29.5
6	MDSTBVA 2,5/ 6-G	1845824	50	34.5
7	MDSTBVA 2,5/ 7-G	1845837	50	39.5
8	MDSTBVA 2,5/ 8-G	1845840	50	44.5
9	MDSTBVA 2,5/ 9-G	1845853	50	49.5
10	MDSTBVA 2,5/10-G	1845866	50	54.5
11	MDSTBVA 2,5/11-G	1845879	50	59.5
12	MDSTBVA 2,5/12-G	1845882	50	64.5

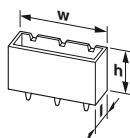


Technical data

Connection system / type of contact		CLASSIC COMBICON / Male connector			
Locking		without			
Electrical parameters					
Rated current / conductor cross section		[A] / [mm²]	10 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2	
Rated insulation voltage		[V]	250	320	400
Rated surge voltage		[kV]	4	4	4
Approval data (UL/CUL)					
Use Group		B	C	D	
Nominal voltage/current		[V] / [A]	300 / 12	300 / 10	
AWG			-	-	
General data					
Type of insulation material / insulation material group			PBT / IIIa		
Inflammability class in acc. with UL 94			V0		

PCB headers, Pitch: 5.08 mm

MDSTBVA 2,5/...-G, Linear pinning



Dimensions	[mm]
Solder pin length	3.9
Length l	23.7
Height h	22.1



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MDSTBVA 2,5/ 2-G-5,08	1845332	50	14.7
3	MDSTBVA 2,5/ 3-G-5,08	1845345	50	19.78
4	MDSTBVA 2,5/ 4-G-5,08	1845358	50	24.86
5	MDSTBVA 2,5/ 5-G-5,08	1845361	50	29.94
6	MDSTBVA 2,5/ 6-G-5,08	1845374	50	35.02
7	MDSTBVA 2,5/ 7-G-5,08	1845387	50	40.1
8	MDSTBVA 2,5/ 8-G-5,08	1845390	50	45.18
9	MDSTBVA 2,5/ 9-G-5,08	1845400	50	50.26
10	MDSTBVA 2,5/10-G-5,08	1845413	50	55.34
11	MDSTBVA 2,5/11-G-5,08	1845426	50	60.42
12	MDSTBVA 2,5/12-G-5,08	1845439	50	65.5



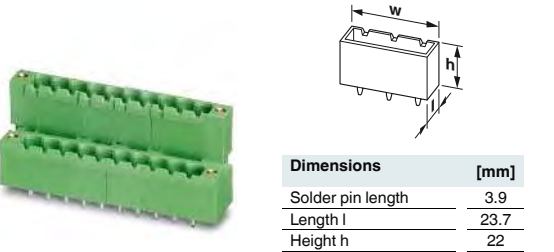
Technical data

Connection system / type of contact		CLASSIC COMBICON / Male connector			
Locking		without			
Electrical parameters					
Rated current / conductor cross section		[A] / [mm²]	10 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2	
Rated insulation voltage		[V]	250	320	400
Rated surge voltage		[kV]	4	4	4
Approval data (UL/CUL)					
Use Group		B	C	D	
Nominal voltage/current		[V] / [A]	300 / 12	-	300 / 10
AWG			-	-	-
General data					
Type of insulation material / insulation material group		PBT / IIIa			
Inflammability class in acc. with UL 94		V0			

PCB connectors
Conductor cross section up to 2.5 mm² (AWG 14)

PCB headers, Pitch: 5 mm

MDSTBV 2,5/...-GF, Linear pinning



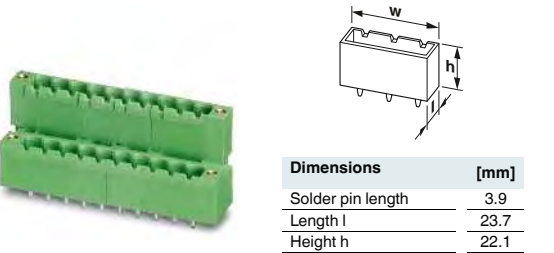
Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-12 showing various pin counts and widths.



Technical data table for MDSTBV 2,5/...-GF. Includes connection system, locking, electrical parameters (current, voltage, surge), approval data, and general data.

PCB headers, Pitch: 5.08 mm

MDSTBV 2,5/...-GF, Linear pinning



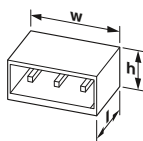
Ordering data table for 5.08 mm pitch. Columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-12 showing various pin counts and widths.



Technical data table for MDSTBV 2,5/...-GF (5.08 mm pitch). Includes connection system, locking, electrical parameters, approval data, and general data.

PCB headers, Pitch: 5 mm

MDSTBW 2,5/...-G, Linear pinning



Dimensions	[mm]
Solder pin length	3.8
Length l	22.1
Height h	28



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MDSTBW 2,5/ 2-G	1802443	50	12.5
3	MDSTBW 2,5/ 3-G	1802427	50	17.5
4	MDSTBW 2,5/ 4-G	1846836	50	22.5
5	MDSTBW 2,5/ 5-G	1846849	50	27.5
6	MDSTBW 2,5/ 6-G	1846852	50	32.5
7	MDSTBW 2,5/ 7-G	1846865	50	37.5
8	MDSTBW 2,5/ 8-G	1846878	50	42.5
9	MDSTBW 2,5/ 9-G	1846881	50	47.5
10	MDSTBW 2,5/10-G	1846894	50	52.5
11	MDSTBW 2,5/11-G	1846904	50	57.5
12	MDSTBW 2,5/12-G	1846917	50	62.5

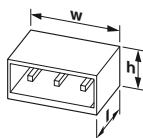


Technical data

Connection system / type of contact		CLASSIC COMBICON / Male connector			
Locking		without			
Electrical parameters					
Rated current / conductor cross section		[A] / [mm²]	10 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2	
Rated insulation voltage		[V]	250	320	400
Rated surge voltage		[kV]	4	4	4
Approval data (UL/CUL)					
Use Group		B	C	D	
Nominal voltage/current		[V] / [A]	300 / 15	-	300 / 10
AWG		-	-	-	
Approval data (CSA)					
Use Group		B	C	D	
Nominal voltage/current		[V] / [A]	300 / 15	-	300 / 15
AWG		-	-	-	
General data					
Type of insulation material / insulation material group		PBT / IIIa			
Inflammability class in acc. with UL 94		V0			

PCB headers, Pitch: 5.08 mm

MDSTBW 2,5/...-G, Linear pinning



Dimensions	[mm]
Solder pin length	3.8
Length l	22.1
Height h	28



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MDSTBW 2,5/ 2-G-5,08	1802430	50	12.71
3	MDSTBW 2,5/ 3-G-5,08	1802414	50	17.79
4	MDSTBW 2,5/ 4-G-5,08	1842238	50	22.87
5	MDSTBW 2,5/ 5-G-5,08	1840010	50	27.95
6	MDSTBW 2,5/ 6-G-5,08	1842254	50	33.03
7	MDSTBW 2,5/ 7-G-5,08	1842267	50	38.11
8	MDSTBW 2,5/ 8-G-5,08	1842270	50	43.19
9	MDSTBW 2,5/ 9-G-5,08	1842283	50	48.27
10	MDSTBW 2,5/10-G-5,08	1842296	50	53.35
11	MDSTBW 2,5/11-G-5,08	1842306	50	58.43
12	MDSTBW 2,5/12-G-5,08	1842319	50	63.51



Technical data

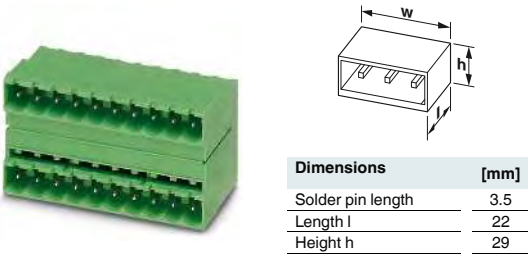
Connection system / type of contact		CLASSIC COMBICON / Male connector		
Locking		without		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	10 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	400
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		-	-	-
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 15
AWG		-	-	-
General data				
Type of insulation material / insulation material group		PBT / IIIa		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 2.5 mm² (AWG 14)

PCB headers, Pitch: 5 mm

MDSTB 2,5/...-G1, Linear pinning



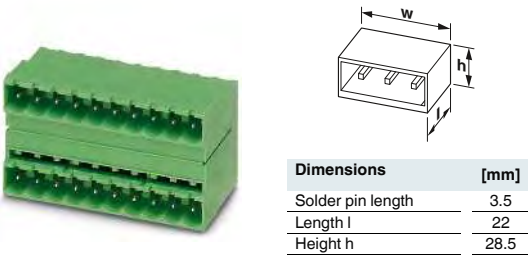
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
3	MDSTB 2,5/ 3-G1	1736687	50	16.56
4	MDSTB 2,5/ 4-G1	1736690	50	21.56
6	MDSTB 2,5/ 6-G1	1762732	50	31.56
7	MDSTB 2,5/ 7-G1	1762745	50	36.56
8	MDSTB 2,5/ 8-G1	1762758	50	41.56
9	MDSTB 2,5/ 9-G1	1762761	50	46.56
10	MDSTB 2,5/10-G1	1762774	50	51.56
11	MDSTB 2,5/11-G1	1762787	50	56.56
12	MDSTB 2,5/12-G1	1762790	50	61.56
13	MDSTB 2,5/13-G1	1762800	50	66.56
14	MDSTB 2,5/14-G1	1762813	50	71.56
15	MDSTB 2,5/15-G1	1762826	50	76.56
16	MDSTB 2,5/16-G1	1762839	50	81.56
17	MDSTB 2,5/17-G1	1762842	50	86.56
18	MDSTB 2,5/18-G1	1762855	50	91.56
19	MDSTB 2,5/19-G1	1762868	50	96.56
20	MDSTB 2,5/20-G1	1762871	50	101.56



Technical data			
Connection system / type of contact		CLASSIC COMBICON / Male connector	
Locking		without	
Electrical parameters			
Rated current / conductor cross section		10 / -	
Surge voltage category/degree of pollution		III/3 III / 2 II / 2	
Rated insulation voltage		250 320 630	
Rated surge voltage		4 4 4	
Approval data (UL/CUL)			
Use Group		B C D	
Nominal voltage/current		300 / 15 - 300 / 10	
AWG		- - -	
Approval data (CSA)			
Use Group		B C D	
Nominal voltage/current		300 / 10 - 300 / 10	
AWG		- - -	
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

PCB headers, Pitch: 5.08 mm

MDSTB 2,5/...-G1, Linear pinning



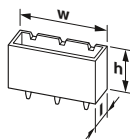
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MDSTB 2,5/ 2-G1-5,08	1938948	50	16.8
3	MDSTB 2,5/ 3-G1-5,08	1762376	50	16.8
4	MDSTB 2,5/ 4-G1-5,08	1736713	50	21.88
5	MDSTB 2,5/ 5-G1-5,08	1938951	50	26.96
6	MDSTB 2,5/ 6-G1-5,08	1762415	50	32.04
7	MDSTB 2,5/ 7-G1-5,08	1762428	50	37.12
8	MDSTB 2,5/ 8-G1-5,08	1762431	50	42.2
9	MDSTB 2,5/ 9-G1-5,08	1762444	50	47.28
10	MDSTB 2,5/10-G1-5,08	1762457	50	52.36
11	MDSTB 2,5/11-G1-5,08	1762460	50	57.44
12	MDSTB 2,5/12-G1-5,08	1762703	50	62.52
13	MDSTB 2,5/13-G1-5,08	1762473	50	67.6
14	MDSTB 2,5/14-G1-5,08	1762486	50	72.68
15	MDSTB 2,5/15-G1-5,08	1762499	50	77.76
16	MDSTB 2,5/16-G1-5,08	1762509	50	82.84
17	MDSTB 2,5/17-G1-5,08	1762512	50	87.92
18	MDSTB 2,5/18-G1-5,08	1762525	50	93
19	MDSTB 2,5/19-G1-5,08	1762538	50	98.08
20	MDSTB 2,5/20-G1-5,08	1762680	50	103.16



Technical data			
Connection system / type of contact		CLASSIC COMBICON / Male connector	
Locking		without	
Electrical parameters			
Rated current / conductor cross section		10 / -	
Surge voltage category/degree of pollution		III/3 III / 2 II / 2	
Rated insulation voltage		250 320 630	
Rated surge voltage		4 4 4	
Approval data (UL/CUL)			
Use Group		B C D	
Nominal voltage/current		300 / 15 - 300 / 10	
AWG		- - -	
Approval data (CSA)			
Use Group		B C D	
Nominal voltage/current		300 / 10 - 300 / 10	
AWG		- - -	
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

PCB headers, Pitch: 5 mm

MDSTBV 2,5/-G1, Linear pinning



Dimensions	[mm]
Solder pin length	3.9
Length l	22
Height h	22



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
3	MDSTBV 2,5/ 3-G1	1736726	50	16.56
4	MDSTBV 2,5/ 4-G1	1736739	50	21.56
6	MDSTBV 2,5/ 6-G1	1762884	50	26.56
7	MDSTBV 2,5/ 7-G1	1762897	50	36.56
8	MDSTBV 2,5/ 8-G1	1762907	50	41.56
9	MDSTBV 2,5/ 9-G1	1762910	50	46.56
10	MDSTBV 2,5/10-G1	1762923	50	51.56
11	MDSTBV 2,5/11-G1	1762936	50	56.56
12	MDSTBV 2,5/12-G1	1762949	50	61.56
13	MDSTBV 2,5/13-G1	1762952	50	66.56
14	MDSTBV 2,5/14-G1	1762965	50	71.56
15	MDSTBV 2,5/15-G1	1762978	50	76.56
16	MDSTBV 2,5/16-G1	1762981	50	81.56
17	MDSTBV 2,5/17-G1	1762994	50	86.56
18	MDSTBV 2,5/18-G1	1763016	50	91.56
19	MDSTBV 2,5/19-G1	1763029	50	96.56
20	MDSTBV 2,5/20-G1	1763139	50	101.56

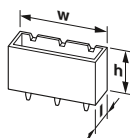


Technical data

Connection system / type of contact		CLASSIC COMBICON / Male connector		
Locking		without		
Electrical parameters				
Rated current / conductor cross section		[A] / [mm²]	10 / -	
Surge voltage category/degree of pollution			III/3	III / 2 II / 2
Rated insulation voltage		[V]	250	320 630
Rated surge voltage		[kV]	4	4 4
Approval data (UL/CUL)				
Use Group			B	C D
Nominal voltage/current		[V] / [A]	300 / 12	- 300 / 10
AWG			-	- -
Approval data (CSA)				
Use Group			B	C D
Nominal voltage/current		[V] / [A]	300 / 10	- 300 / 10
AWG			-	- -
General data				
Type of insulation material / insulation material group			PA / I	
Inflammability class in acc. with UL 94			V0	

PCB headers, Pitch: 5.08 mm

MDSTBV 2,5/-G1, Linear pinning



Dimensions	[mm]
Solder pin length	3.9
Length l	22
Height h	22



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
3	MDSTBV 2,5/ 3-G1-5,08	1736742	50	16.8
4	MDSTBV 2,5/ 4-G1-5,08	1736755	50	21.88
6	MDSTBV 2,5/ 6-G1-5,08	1762541	50	32.04
7	MDSTBV 2,5/ 7-G1-5,08	1762554	50	37.12
8	MDSTBV 2,5/ 8-G1-5,08	1762567	50	42.2
9	MDSTBV 2,5/ 9-G1-5,08	1762570	50	47.28
10	MDSTBV 2,5/10-G1-5,08	1762583	50	52.36
11	MDSTBV 2,5/11-G1-5,08	1762596	50	57.44
12	MDSTBV 2,5/12-G1-5,08	1762606	50	62.52
13	MDSTBV 2,5/13-G1-5,08	1762619	50	67.6
14	MDSTBV 2,5/14-G1-5,08	1762622	50	72.68
15	MDSTBV 2,5/15-G1-5,08	1762635	50	77.76
16	MDSTBV 2,5/16-G1-5,08	1762648	50	82.84
17	MDSTBV 2,5/17-G1-5,08	1762651	50	87.92
18	MDSTBV 2,5/18-G1-5,08	1762664	50	93
19	MDSTBV 2,5/19-G1-5,08	1762677	50	98.08
20	MDSTBV 2,5/20-G1-5,08	1762693	50	103.16



Technical data

Connection system / type of contact		CLASSIC COMBICON / Male connector		
Locking		without		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	10 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 12	-	300 / 10
AWG		-	-	-
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		-	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors
Conductor cross section up to 2.5 mm² (AWG 14)

PCB headers, Pitch: 7.5 mm

GMSTB 2,5/..-G, Linear pinning

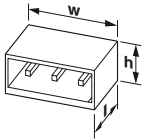


Table with 2 columns: Dimensions, [mm]. Rows include Solder pin length (3.5), Length l (12), and Height h (8.6).



Ordering data

Table with 5 columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-12 showing various GMSTB 2,5/..-G models and their specifications.



Technical data

Table with 2 main sections: Connection system / type of contact and Electrical parameters. It details specifications for CLASSIC COMBICON / Male connector without locking, including rated current, voltage, and approval data.

PCB headers, Pitch: 7.62 mm

GMSTB 2,5/..-G, Linear pinning

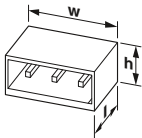


Table with 2 columns: Dimensions, [mm]. Rows include Solder pin length (3.2), Length l (12), and Height h (8.6).



Ordering data

Table with 5 columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-12 showing various GMSTB 2,5/..-G models with 7.62 mm pitch and their specifications.

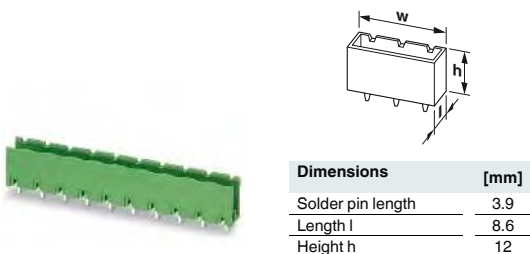


Technical data

Table with 2 main sections: Connection system / type of contact and Electrical parameters. It details specifications for CLASSIC COMBICON / Male connector without locking, including rated current, voltage, and approval data.

PCB headers, Pitch: 7.5 mm

GMSTBV 2,5/...-G, Linear pinning



Dimensions	[mm]
Solder pin length	3.9
Length l	8.6
Height h	12



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GMSTBV 2,5/ 2-G	1766453	50	13.2
3	GMSTBV 2,5/ 3-G	1766466	50	20.7
4	GMSTBV 2,5/ 4-G	1766479	50	28.2
5	GMSTBV 2,5/ 5-G	1766482	50	35.7
6	GMSTBV 2,5/ 6-G	1766495	50	43.2
7	GMSTBV 2,5/ 7-G	1766505	50	50.7
8	GMSTBV 2,5/ 8-G	1766518	50	58.2
9	GMSTBV 2,5/ 9-G	1766521	50	65.7
10	GMSTBV 2,5/10-G	1766534	50	73.2
11	GMSTBV 2,5/11-G	1766547	50	80.7
12	GMSTBV 2,5/12-G	1766550	50	88.2

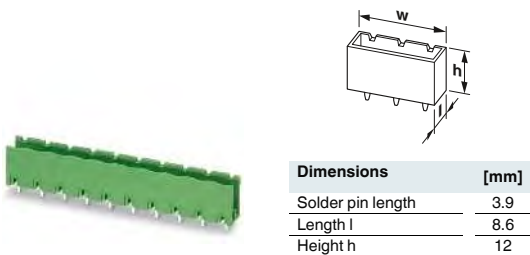


Technical data

Connection system / type of contact		CLASSIC COMBICON / Male connector		
Locking		without		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	400	630	630
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		-	-	-
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		-	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB headers, Pitch: 7.62 mm

GMSTBV 2,5/...-G, Linear pinning



Dimensions	[mm]
Solder pin length	3.9
Length l	8.6
Height h	12



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GMSTBV 2,5/ 2-G-7,62	1766563	50	13.44
3	GMSTBV 2,5/ 3-G-7,62	1766576	50	21.06
4	GMSTBV 2,5/ 4-G-7,62	1766589	50	28.68
5	GMSTBV 2,5/ 5-G-7,62	1766592	50	36.3
6	GMSTBV 2,5/ 6-G-7,62	1766602	50	43.92
7	GMSTBV 2,5/ 7-G-7,62	1766615	50	51.54
8	GMSTBV 2,5/ 8-G-7,62	1766628	50	59.16
9	GMSTBV 2,5/ 9-G-7,62	1766631	50	66.78
10	GMSTBV 2,5/10-G-7,62	1766644	50	74.4
11	GMSTBV 2,5/11-G-7,62	1766657	50	82.02
12	GMSTBV 2,5/12-G-7,62	1767119	50	89.64



Technical data

Connection system / type of contact		CLASSIC COMBICON / Male connector		
Locking		without		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	400	630	630
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		-	-	-
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		-	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors
Conductor cross section up to 2.5 mm² (AWG 14)

PCB headers, Pitch: 7.5 mm

GMSTBA 2,5/...-G, Linear pinning

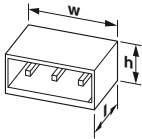


Table with 2 columns: Dimensions, [mm]. Rows include Solder pin length (3.5), Length l (12), and Height h (8.6).



Ordering data

Table with 5 columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-12 list various GMSTBA 2,5/...-G models with their respective order numbers and widths.



Technical data

Table with 2 main sections: Connection system / type of contact and Electrical parameters. It details specifications for CLASSIC COMBICON / Male connector without locking, including rated current, voltage, and approval data.

PCB headers, Pitch: 7.62 mm

GMSTBA 2,5/...-G, Linear pinning

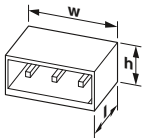


Table with 2 columns: Dimensions, [mm]. Rows include Solder pin length (3.2), Length l (12), and Height h (8.6).



Ordering data

Table with 5 columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-12 list various GMSTBA 2,5/...-G models with their respective order numbers and widths.

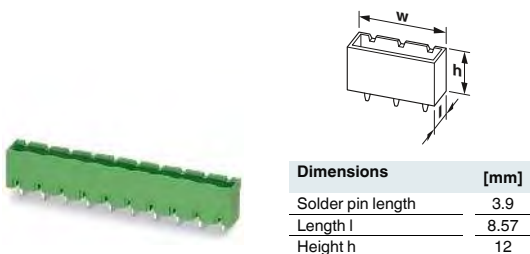


Technical data

Table with 2 main sections: Connection system / type of contact and Electrical parameters. It details specifications for CLASSIC COMBICON / Male connector without locking, including rated current, voltage, and approval data.

PCB headers, Pitch: 7.5 mm

GMSTBVA 2,5/-G, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GMSTBVA 2,5/ 2-G	1766660	250	14.95
3	GMSTBVA 2,5/ 3-G	1766673	250	22.45
4	GMSTBVA 2,5/ 4-G	1766686	250	29.95
5	GMSTBVA 2,5/ 5-G	1766699	250	37.45
6	GMSTBVA 2,5/ 6-G	1766709	100	44.95
7	GMSTBVA 2,5/ 7-G	1766712	100	52.45
8	GMSTBVA 2,5/ 8-G	1766725	100	59.95
9	GMSTBVA 2,5/ 9-G	1766738	100	67.45
10	GMSTBVA 2,5/10-G	1766741	100	74.95
11	GMSTBVA 2,5/11-G	1766754	50	82.45
12	GMSTBVA 2,5/12-G	1766767	50	89.95

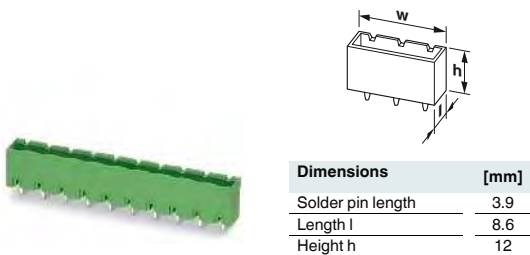


Technical data

Connection system / type of contact		CLASSIC COMBICON / Male connector		
Locking		without		
Electrical parameters				
Rated current / conductor cross section		[A] / [mm²]	12 / -	
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage		[V]	400	630
Rated surge voltage		[kV]	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current		[V] / [A]	300 / 15	300 / 10
AWG		-	-	-
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current		[V] / [A]	300 / 10	300 / 10
AWG		-	-	-
General data				
Type of insulation material / insulation material group			PA / I	
Inflammability class in acc. with UL 94			V0	

PCB headers, Pitch: 7.62 mm

GMSTBVA 2,5/-G, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GMSTBVA 2,5/ 2-G-7,62	1766770	250	15.24
3	GMSTBVA 2,5/ 3-G-7,62	1766783	250	22.86
4	GMSTBVA 2,5/ 4-G-7,62	1766796	250	30.48
5	GMSTBVA 2,5/ 5-G-7,62	1766806	250	38.1
6	GMSTBVA 2,5/ 6-G-7,62	1766819	100	45.72
7	GMSTBVA 2,5/ 7-G-7,62	1766822	100	53.34
8	GMSTBVA 2,5/ 8-G-7,62	1766835	100	60.96
9	GMSTBVA 2,5/ 9-G-7,62	1766848	100	68.58
10	GMSTBVA 2,5/10-G-7,62	1766851	100	76.2
11	GMSTBVA 2,5/11-G-7,62	1766864	50	83.82
12	GMSTBVA 2,5/12-G-7,62	1766877	50	91.44



Technical data

Connection system / type of contact		CLASSIC COMBICON / Male connector		
Locking		without		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	400	630	630
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 15	-	300 / 10
AWG		-	-	-
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		-	-	-
General data				
Type of insulation material / insulation material group			PA / I	
Inflammability class in acc. with UL 94			V0	

PCB connectors
Conductor cross section up to 2.5 mm² (AWG 14)

PCB headers, Pitch: 7.62 mm

GMSTB 2,5/...-GF-EX, Linear pinning

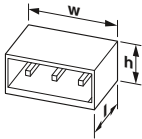
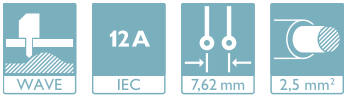


Table with 2 columns: Dimensions, [mm]. Rows include Solder pin length (3.2), Length l (2), and Height h (9).



Ordering data table with 5 columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Lists 12 different configurations from 2 to 12 positions.



Technical data table for GMSTB 2,5/...-GF-EX. Includes connection system (CLASSIC COMBICON (EX) / Male connector), locking, ex marking (0344 Ex II 2GD Ex e IIC Gb), examination certificate (KEMA 10ATEX0196 U), electrical parameters (12 A, 352 V), and general data (PA / I, V0).

PCB headers, Pitch: 7.62 mm

GMSTBV 2,5/...-GF-EX, Linear pinning

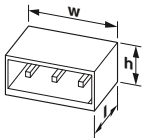
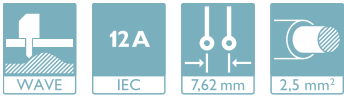


Table with 2 columns: Dimensions, [mm]. Rows include Solder pin length (3.9), Length l (12), and Height h (8.6).



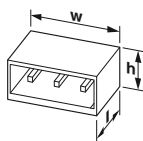
Ordering data table for GMSTBV 2,5/...-GF-EX with 5 columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Lists 12 different configurations from 2 to 12 positions.



Technical data table for GMSTBV 2,5/...-GF-EX. Includes connection system (CLASSIC COMBICON / Male connector), locking, ex marking (0344 Ex II 2GD Ex e IIC Gb), examination certificate (KEMA 10ATEX0196 U), electrical parameters (12 A, 352 V), and general data (PA / I, V0).

PCB headers, Pitch: 5.08 mm

IC 2,5/..-G, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	18.9
Height h	10.2

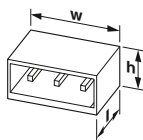


Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	IC 2,5/ 2-G-5,08	1786404	50	12.16
3	IC 2,5/ 3-G-5,08	1786417	50	17.24
4	IC 2,5/ 4-G-5,08	1786420	50	22.32
5	IC 2,5/ 5-G-5,08	1786433	50	27.4
6	IC 2,5/ 6-G-5,08	1786446	50	32.48
7	IC 2,5/ 7-G-5,08	1786459	50	37.56
8	IC 2,5/ 8-G-5,08	1786462	50	42.64
9	IC 2,5/ 9-G-5,08	1786475	50	47.72
10	IC 2,5/10-G-5,08	1786488	50	52.8
11	IC 2,5/11-G-5,08	1786491	50	57.88
12	IC 2,5/12-G-5,08	1786501	50	62.96
13	IC 2,5/13-G-5,08	1786514	50	68.04
14	IC 2,5/14-G-5,08	1786527	50	73.12
15	IC 2,5/15-G-5,08	1786530	50	78.2
16	IC 2,5/16-G-5,08	1786543	50	83.28
17	IC 2,5/17-G-5,08	1786556	50	88.36
18	IC 2,5/18-G-5,08	1786569	50	93.44
19	IC 2,5/19-G-5,08	1786572	50	98.52
20	IC 2,5/20-G-5,08	1786585	50	103.6
21	IC 2,5/21-G-5,08	1786598	50	108.68
22	IC 2,5/22-G-5,08	1786608	50	113.76
23	IC 2,5/23-G-5,08	1786611	50	118.84
24	IC 2,5/24-G-5,08	1786624	50	123.92

PCB headers, Pitch: 5.08 mm

IC 2,5/..-GF, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	18.9
Height h	10.2



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	IC 2,5/ 2-GF-5,08	1825129	50	20.28
3	IC 2,5/ 3-GF-5,08	1825132	50	25.36
4	IC 2,5/ 4-GF-5,08	1825145	50	30.44
5	IC 2,5/ 5-GF-5,08	1825158	50	35.52
6	IC 2,5/ 6-GF-5,08	1825161	50	40.6
7	IC 2,5/ 7-GF-5,08	1825174	50	45.68
8	IC 2,5/ 8-GF-5,08	1825187	50	50.76
9	IC 2,5/ 9-GF-5,08	1825190	50	55.84
10	IC 2,5/10-GF-5,08	1825200	50	60.92
11	IC 2,5/11-GF-5,08	1825213	50	66
12	IC 2,5/12-GF-5,08	1825226	50	71.08
13	IC 2,5/13-GF-5,08	1825239	50	76.16
14	IC 2,5/14-GF-5,08	1825242	50	81.24
15	IC 2,5/15-GF-5,08	1825255	50	86.32
16	IC 2,5/16-GF-5,08	1825268	50	91.4
17	IC 2,5/17-GF-5,08	1825271	50	96.48
18	IC 2,5/18-GF-5,08	1825284	50	101.56
19	IC 2,5/19-GF-5,08	1825297	50	106.64
20	IC 2,5/20-GF-5,08	1825307	50	111.72



Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	320	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	250 / 12	-	300 / 10
AWG		-	-	-
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		-	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		



Technical data

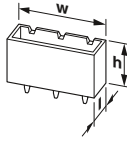
Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		Threaded flange		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	320	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	250 / 12	-	300 / 10
AWG		-	-	-
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		-	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 2.5 mm² (AWG 14)

PCB headers, Pitch: 5.08 mm

ICV 2,5/...-G, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	10.2
Height h	18.9

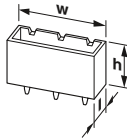


Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	ICV 2,5/ 2-G-5,08	1785942	50	12.16
3	ICV 2,5/ 3-G-5,08	1785955	50	17.24
4	ICV 2,5/ 4-G-5,08	1785968	50	22.32
5	ICV 2,5/ 5-G-5,08	1785971	50	27.4
6	ICV 2,5/ 6-G-5,08	1785984	50	32.48
7	ICV 2,5/ 7-G-5,08	1785997	50	37.56
8	ICV 2,5/ 8-G-5,08	1786006	50	42.64
9	ICV 2,5/ 9-G-5,08	1786019	50	47.72
10	ICV 2,5/10-G-5,08	1786022	50	52.8
11	ICV 2,5/11-G-5,08	1786035	50	57.88
12	ICV 2,5/12-G-5,08	1786048	50	62.96
13	ICV 2,5/13-G-5,08	1786051	50	68.04
14	ICV 2,5/14-G-5,08	1786064	50	73.12
15	ICV 2,5/15-G-5,08	1786077	50	78.2
16	ICV 2,5/16-G-5,08	1786080	50	83.28
17	ICV 2,5/17-G-5,08	1786093	50	88.36
18	ICV 2,5/18-G-5,08	1786103	50	93.44
19	ICV 2,5/19-G-5,08	1786116	50	98.52
20	ICV 2,5/20-G-5,08	1786129	50	103.6
21	ICV 2,5/21-G-5,08	1786132	50	108.68
22	ICV 2,5/22-G-5,08	1786145	50	113.76
23	ICV 2,5/23-G-5,08	1786158	50	118.84
24	ICV 2,5/24-G-5,08	1786161	50	123.92

PCB headers, Pitch: 5.08 mm

ICV 2,5/...-GF, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	10.2
Height h	19



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	ICV 2,5/ 2-GF-5,08	1825695	50	20.28
3	ICV 2,5/ 3-GF-5,08	1825705	50	25.36
4	ICV 2,5/ 4-GF-5,08	1825718	50	30.44
5	ICV 2,5/ 5-GF-5,08	1825721	50	35.52
6	ICV 2,5/ 6-GF-5,08	1825734	50	40.6
7	ICV 2,5/ 7-GF-5,08	1825747	50	45.68
8	ICV 2,5/ 8-GF-5,08	1825750	50	50.76
9	ICV 2,5/ 9-GF-5,08	1825763	50	55.84
10	ICV 2,5/10-GF-5,08	1825776	50	60.92
11	ICV 2,5/11-GF-5,08	1825789	50	66
12	ICV 2,5/12-GF-5,08	1825792	50	71.08
13	ICV 2,5/13-GF-5,08	1825802	50	76.16
14	ICV 2,5/14-GF-5,08	1825815	50	81.24
15	ICV 2,5/15-GF-5,08	1825828	50	86.32
16	ICV 2,5/16-GF-5,08	1825831	50	91.4
17	ICV 2,5/17-GF-5,08	1825844	50	96.48
18	ICV 2,5/18-GF-5,08	1825857	50	101.56
19	ICV 2,5/19-GF-5,08	1825860	50	106.64
20	ICV 2,5/20-GF-5,08	1825873	50	111.72



Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Electrical parameters				
Rated current / conductor cross section		12 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage		320	320	630
Rated surge voltage		4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current		250 / 12	-	300 / 10
AWG		-	-	-
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current		300 / 10	-	300 / 10
AWG		-	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

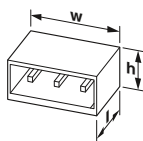


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		Threaded flange		
Electrical parameters				
Rated current / conductor cross section		12 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage		320	320	630
Rated surge voltage		4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current		250 / 12	-	300 / 10
AWG		-	-	-
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current		300 / 10	-	300 / 10
AWG		-	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB headers, Pitch: 5.08 mm

IC 2,5/...-GF-EX, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	19
Height h	10.2

EAC Ex

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	IC 2,5/ 2-GF-5,08 EX	1810337	50	20.28
3	IC 2,5/ 3-GF-5,08 EX	1810340	50	25.36
4	IC 2,5/ 4-GF-5,08 EX	1810353	50	30.44
5	IC 2,5/ 5-GF-5,08 EX	1810366	50	35.52
6	IC 2,5/ 6-GF-5,08 EX	1810379	50	40.6
7	IC 2,5/ 7-GF-5,08 EX	1810382	50	45.68
8	IC 2,5/ 8-GF-5,08 EX	1810395	50	50.76
9	IC 2,5/ 9-GF-5,08 EX	1810405	50	55.84
10	IC 2,5/10-GF-5,08 EX	1810418	50	60.92
11	IC 2,5/11-GF-5,08 EX	1810421	50	66
12	IC 2,5/12-GF-5,08 EX	1810434	50	71.08

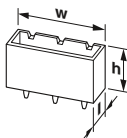


Technical data

Connection system / type of contact	CLASSIC COMBICON (EX) / Female connector
Locking	Threaded flange
Ex marking	0344 Ex II 2GD Ex e IIC Gb
Examination certificate	KEMA 10ATEX0196 U
IECEx certificate	IECEx KEM 10.0093U
Electrical parameters	
Rated current / conductor cross section	[A] / [mm²] 12 / -
Rated voltage	[V] 176
General data	
Type of insulation material / insulation material group	PA / I
Inflammability class in acc. with UL 94	V0

PCB headers, Pitch: 5.08 mm

ICV 2,5/...-GF-EX, Linear pinning



Dimensions	[mm]
Solder pin length	3.6
Length l	10.2
Height h	19

EAC Ex

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	ICV 2,5/ 2-GF-5,08 EX	1810447	50	20.28
3	ICV 2,5/ 3-GF-5,08 EX	1810450	50	25.36
4	ICV 2,5/ 4-GF-5,08 EX	1810463	50	30.44
5	ICV 2,5/ 5-GF-5,08 EX	1810476	50	35.52
6	ICV 2,5/ 6-GF-5,08 EX	1810489	50	40.6
7	ICV 2,5/ 7-GF-5,08 EX	1810492	50	45.68
8	ICV 2,5/ 8-GF-5,08 EX	1810502	50	50.76
9	ICV 2,5/ 9-GF-5,08 EX	1810515	50	55.84
10	ICV 2,5/10-GF-5,08 EX	1810528	50	60.92
11	ICV 2,5/11-GF-5,08 EX	1810531	50	66
12	ICV 2,5/12-GF-5,08 EX	1810544	50	71.08



Technical data

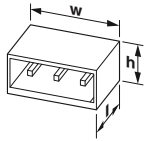
Connection system / type of contact	CLASSIC COMBICON (EX) / Female connector
Locking	Threaded flange
Ex marking	0344 Ex II 2GD Ex e IIC Gb
Examination certificate	KEMA 10ATEX0196 U
IECEx certificate	IECEx KEM 10.0093U
Electrical parameters	
Rated current / conductor cross section	[A] / [mm²] 12 / -
Rated voltage	[V] 176
General data	
Type of insulation material / insulation material group	PA / I
Inflammability class in acc. with UL 94	V0

PCB connectors

Conductor cross section up to 2.5 mm² (AWG 14)

PCB headers, Pitch: 7.62 mm

GIC 2,5/...-G, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	19
Height h	10.2



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GIC 2,5/ 2-G-7,62	1828676	50	15.14
3	GIC 2,5/ 3-G-7,62	1828689	50	22.76
4	GIC 2,5/ 4-G-7,62	1828692	50	30.38
5	GIC 2,5/ 5-G-7,62	1828702	50	38
6	GIC 2,5/ 6-G-7,62	1828715	50	45.62
7	GIC 2,5/ 7-G-7,62	1828728	50	53.24
8	GIC 2,5/ 8-G-7,62	1828731	50	60.86
9	GIC 2,5/ 9-G-7,62	1828744	50	68.48
10	GIC 2,5/10-G-7,62	1828757	50	76.1
11	GIC 2,5/11-G-7,62	1828760	50	83.72
12	GIC 2,5/12-G-7,62	1828773	50	91.34

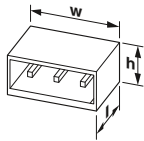


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Electrical parameters				
Rated current / conductor cross section		[A] / [mm²]	12 / -	
Surge voltage category/degree of pollution			III/3	III / 2
Rated insulation voltage		[V]	500	630 1000
Rated surge voltage		[kV]	6	6 6
Approval data (UL/CUL)				
Use Group			B	C D
Nominal voltage/current		[V] / [A]	250 / 12	- 300 / 10
AWG			-	- -
Approval data (CSA)				
Use Group			B	C D
Nominal voltage/current		[V] / [A]	300 / 10	- 300 / 10
AWG			-	- -
General data				
Type of insulation material / insulation material group			PA / I	
Inflammability class in acc. with UL 94			V0	

PCB headers, Pitch: 7.62 mm

GIC 2,5/...-GF, Linear double pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	18.9
Height h	10.2



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GIC 2,5/ 2-GF-7,62	1858989	50	25.62
3	GIC 2,5/ 3-GF-7,62	1858992	50	33.24
4	GIC 2,5/ 4-GF-7,62	1859001	50	40.86
5	GIC 2,5/ 5-GF-7,62	1859014	50	48.48
6	GIC 2,5/ 6-GF-7,62	1859027	50	56.1
7	GIC 2,5/ 7-GF-7,62	1859030	50	63.72
8	GIC 2,5/ 8-GF-7,62	1859043	50	71.34
9	GIC 2,5/ 9-GF-7,62	1859056	50	78.96
10	GIC 2,5/10-GF-7,62	1859069	50	86.58
11	GIC 2,5/11-GF-7,62	1859072	50	94.2
12	GIC 2,5/12-GF-7,62	1859085	50	101.82

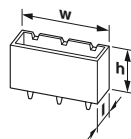


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		Threaded flange		
Electrical parameters				
Rated current / conductor cross section		[A] / [mm²]	12 / -	
Surge voltage category/degree of pollution			III/3	III / 2 II / 2
Rated insulation voltage		[V]	500	630 1000
Rated surge voltage		[kV]	6	6 6
Approval data (UL/CUL)				
Use Group			B	C D
Nominal voltage/current		[V] / [A]	250 / 12	- 300 / 10
AWG			-	- -
Approval data (CSA)				
Use Group			B	C D
Nominal voltage/current		[V] / [A]	300 / 10	- 300 / 10
AWG			-	- -
General data				
Type of insulation material / insulation material group			PA / I	
Inflammability class in acc. with UL 94			V0	

PCB headers, Pitch: 7.62 mm

GICV 2,5/-G, Linear pinning



Dimensions	[mm]
Solder pin length	3.6
Length l	10.2
Height h	19



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GICV 2,5/ 2-G-7,62	1828919	50	15.14
3	GICV 2,5/ 3-G-7,62	1828922	50	22.76
4	GICV 2,5/ 4-G-7,62	1828935	50	30.38
5	GICV 2,5/ 5-G-7,62	1828948	50	38
6	GICV 2,5/ 6-G-7,62	1828951	50	45.62
7	GICV 2,5/ 7-G-7,62	1828964	50	53.24
8	GICV 2,5/ 8-G-7,62	1828977	50	60.86
9	GICV 2,5/ 9-G-7,62	1828980	50	68.48
10	GICV 2,5/10-G-7,62	1828993	50	76.1
11	GICV 2,5/11-G-7,62	1829002	50	83.72
12	GICV 2,5/12-G-7,62	1829015	50	91.34

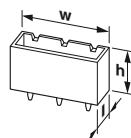


Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		without		
Electrical parameters				
Rated current / conductor cross section		[A] / [mm²]	12 / -	
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage		[V]	500	630
Rated surge voltage		[kV]	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current		[V] / [A]	250 / 12	300 / 10
AWG		-	-	-
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current		[V] / [A]	300 / 10	300 / 10
AWG		-	-	-
General data				
Type of insulation material / insulation material group			PA / I	
Inflammability class in acc. with UL 94			V0	

PCB headers, Pitch: 7.62 mm

GICV 2,5/-GF, Linear pinning



Dimensions	[mm]
Solder pin length	3.6
Length l	10.2
Height h	19



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GICV 2,5/ 2-GF-7,62	1859098	50	25.62
3	GICV 2,5/ 3-GF-7,62	1859108	50	33.24
4	GICV 2,5/ 4-GF-7,62	1859111	50	40.86
5	GICV 2,5/ 5-GF-7,62	1859124	50	48.48
6	GICV 2,5/ 6-GF-7,62	1859137	50	56.1
7	GICV 2,5/ 7-GF-7,62	1859140	50	63.72
8	GICV 2,5/ 8-GF-7,62	1859153	50	71.34
9	GICV 2,5/ 9-GF-7,62	1859166	50	78.96
10	GICV 2,5/10-GF-7,62	1859179	50	86.58
11	GICV 2,5/11-GF-7,62	1859182	50	94.2
12	GICV 2,5/12-GF-7,62	1859195	50	101.82



Technical data

Connection system / type of contact		CLASSIC COMBICON / Female connector		
Locking		Threaded flange		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	12 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	500	630	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	250 / 12	-	300 / 10
AWG		-	-	-
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	-	300 / 10
AWG		-	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors
Conductor cross section up to 2.5 mm² (AWG 14)

Feed-through header, Solder/Slip-on connection, Pitch: 5 mm

DFK-MSTB 2,5/..-G

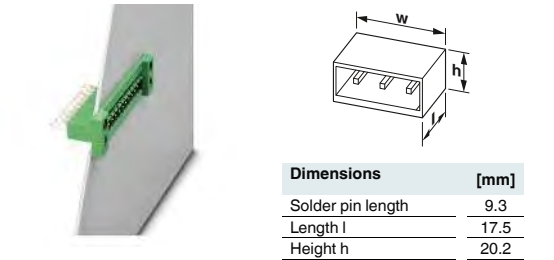


Table with 2 columns: Dimensions, [mm]. Rows include Solder pin length (9.3), Length l (17.5), and Height h (20.2).



Ordering data table with 5 columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-16 list various DFK-MSTB 2,5/..-G models with their respective order numbers and widths.



Technical data table for DFK-MSTB 2,5/..-G. Includes connection system (CLASSIC COMBICON / Male connector), locking, electrical parameters (rated current 12 / 2.5 A, surge voltage 320 V, insulation voltage 320 V), approval data (UL/CUL, CSA), and general data (insulation material PA / I, inflammability class V2).

Feed-through header, Solder/Slip-on connection, Pitch: 5.08 mm

DFK-MSTB 2,5/..-G

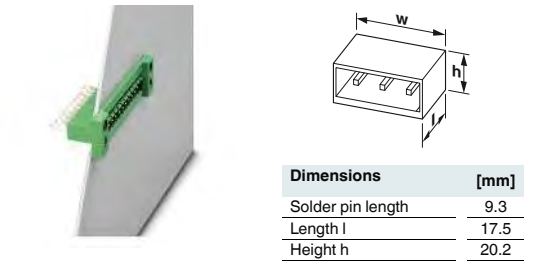


Table with 2 columns: Dimensions, [mm]. Rows include Solder pin length (9.3), Length l (17.5), and Height h (20.2).



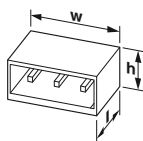
Ordering data table for the 5.08 mm pitch version. Columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-16 list models with order numbers and widths.



Technical data table for the 5.08 mm pitch version. Includes connection system (CLASSIC COMBICON / Male connector), locking, electrical parameters (rated current 12 / 2.5 A, surge voltage 320 V, insulation voltage 320 V), approval data (UL/CUL, CSA), and general data (insulation material PA / I, inflammability class V2).

Feed-through header, Solder/Slip-on connection, Pitch: 5 mm

DFK-MSTB 2,5/..-GF



Dimensions	[mm]
Solder pin length	9.3
Length l	17.5
Height h	29



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DFK-MSTB 2,5/ 2-GF	0710028	50	20
3	DFK-MSTB 2,5/ 3-GF	0710031	50	25
4	DFK-MSTB 2,5/ 4-GF	0710044	50	30
5	DFK-MSTB 2,5/ 5-GF	0710057	50	35
6	DFK-MSTB 2,5/ 6-GF	0710060	50	40
7	DFK-MSTB 2,5/ 7-GF	0710073	50	45
8	DFK-MSTB 2,5/ 8-GF	0710086	50	50
9	DFK-MSTB 2,5/ 9-GF	0710099	50	55
10	DFK-MSTB 2,5/10-GF	0710109	50	60
11	DFK-MSTB 2,5/11-GF	0710112	50	65
12	DFK-MSTB 2,5/12-GF	0710125	50	70
13	DFK-MSTB 2,5/13-GF	0710138	50	75
14	DFK-MSTB 2,5/14-GF	0710141	50	80
15	DFK-MSTB 2,5/15-GF	0710154	50	85
16	DFK-MSTB 2,5/16-GF	0710167	50	90

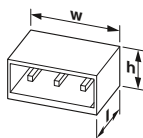


Technical data

Connection system / type of contact		CLASSIC COMBICON / Male connector		
Locking		Threaded flange		
Electrical parameters				
Rated current / conductor cross section		12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage		320	320	630
Rated surge voltage		[V]		
		[kV]	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current		[V] / [A]	300 / 15	-
AWG			-	-
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current		[V] / [A]	300 / 15	-
AWG			-	-
General data				
Type of insulation material / insulation material group			PA / I	
Inflammability class in acc. with UL 94			V2	

Feed-through header, Solder/Slip-on connection, Pitch: 5.08 mm

DFK-MSTB 2,5/..-GF, Linear pinning



Dimensions	[mm]
Solder pin length	9.3
Length l	17.5
Height h	20.2



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DFK-MSTB 2,5/ 2-GF-5,08	0710170	50	30.48
3	DFK-MSTB 2,5/ 3-GF-5,08	0710183	50	35.56
4	DFK-MSTB 2,5/ 4-GF-5,08	0710196	50	40.64
5	DFK-MSTB 2,5/ 5-GF-5,08	0710206	50	45.72
6	DFK-MSTB 2,5/ 6-GF-5,08	0710219	50	50.8
7	DFK-MSTB 2,5/ 7-GF-5,08	0710222	50	55.88
8	DFK-MSTB 2,5/ 8-GF-5,08	0710235	50	60.96
9	DFK-MSTB 2,5/ 9-GF-5,08	0710248	50	66.04
10	DFK-MSTB 2,5/10-GF-5,08	0710251	50	71.12
11	DFK-MSTB 2,5/11-GF-5,08	0710264	50	76.2
12	DFK-MSTB 2,5/12-GF-5,08	0710277	50	81.28
13	DFK-MSTB 2,5/13-GF-5,08	0710280	50	86.36
14	DFK-MSTB 2,5/14-GF-5,08	0710293	50	91.44
15	DFK-MSTB 2,5/15-GF-5,08	0710303	50	96.52
16	DFK-MSTB 2,5/16-GF-5,08	0710316	50	101.6



Technical data

Connection system / type of contact		CLASSIC COMBICON / Male connector		
Locking		Threaded flange		
Electrical parameters				
Rated current / conductor cross section		12 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage		320	320	630
Rated surge voltage		4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current		300 / 15	-	300 / 10
AWG		-	-	-
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current		300 / 15	-	300 / 10
AWG		-	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V2		

PCB connectors
Conductor cross section up to 2.5 mm² (AWG 14)

Feed-through header, Pitch: 5.08 mm

DFK-MSTBVA 2,5/...-G, Linear pinning

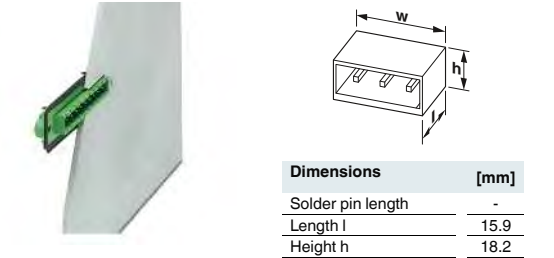


Table with 2 columns: Dimensions, [mm]. Rows include Solder pin length, Length l, and Height h.



Ordering data table with 5 columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-16 list various DFK-MSTBVA models with their respective order numbers and widths.



Technical data table for DFK-MSTBVA. It includes connection system (CLASSIC COMBICON / Male connector), electrical parameters (rated current, surge voltage, insulation voltage), approval data (UL/CUL), and general data (insulation material, flammability class).

PCB plug, Screw connection with tension sleeve, Pitch: 5 mm

MSTB 2,5 HC/...-ST

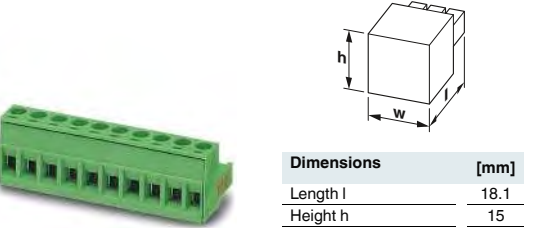


Table with 2 columns: Dimensions, [mm]. Rows include Length l and Height h.



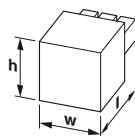
Ordering data table with 5 columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-16 list various MSTB 2,5 HC/...-ST models with their respective order numbers and widths.



Technical data table for MSTB 2,5 HC/...-ST. It includes connection system (POWER COMBICON 2,5 / Female connector), connection capacity (solid/stranded, ferrules), electrical parameters (rated current, surge voltage, insulation voltage), approval data (UL/CUL), and general data (insulation material, flammability class).

PCB plug, Screw connection with tension sleeve, Pitch: 5.08 mm

MSTB 2,5 HC/...-ST



Dimensions	[mm]
Length l	18.2
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MSTB 2,5 HC/ 2-ST-5,08	1911965	50	10.16
3	MSTB 2,5 HC/ 3-ST-5,08	1911978	50	15.24
4	MSTB 2,5 HC/ 4-ST-5,08	1911981	50	20.32
5	MSTB 2,5 HC/ 5-ST-5,08	1911994	50	25.4
6	MSTB 2,5 HC/ 6-ST-5,08	1912003	50	30.48
7	MSTB 2,5 HC/ 7-ST-5,08	1912016	50	35.56
8	MSTB 2,5 HC/ 8-ST-5,08	1912029	50	40.64
9	MSTB 2,5 HC/ 9-ST-5,08	1912032	50	45.72
10	MSTB 2,5 HC/ 10-ST-5,08	1912045	50	50.8
11	MSTB 2,5 HC/ 11-ST-5,08	1912058	50	55.88
12	MSTB 2,5 HC/ 12-ST-5,08	1912061	50	60.96
14	MSTB 2,5 HC/ 14-ST-5,08	1937224	50	71.12
16	MSTB 2,5 HC/ 16-ST-5,08	1748820	50	81.28

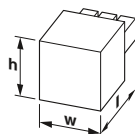


Technical data

Connection system / type of contact		POWER COMBICON 2,5 / Female connector without		
Locking				
Connection capacity				
Solid / stranded		[mm ²]	0.2 - 2.5 / 0.2 - 2.5	
Stranded with ferrules without plastic sleeve		[mm ²]	0.25 - 2.5	
Stranded with ferrules with plastic sleeve		[mm ²]	0.25 - 2.5	
2 conductors with same cross section solid / stranded		[mm ²]	0.2 - 1 / 0.2 - 1.5	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve		[mm ²]	0.25 - 1	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve		[mm ²]	0.5 - 1.5	
Conductor cross section AWG/kcmil			24 - 12	
Stripping length		[mm]	7	
Tightening torque		[Nm]	0.5 - 0.6	
Electrical parameters				
Rated current / conductor cross section		[A] / [mm ²]	16 / 2.5	
Surge voltage category/degree of pollution			III/3	II / 2
Rated insulation voltage		[V]	250	320
Rated surge voltage		[kV]	4	4
Approval data (UL/CUL)				
Use Group			B	C
Nominal voltage/current		[V] / [A]	300 / 16	150 / 15
AWG			30-12	30-12
General data				
Type of insulation material / insulation material group			PA / I	
Inflammability class in acc. with UL 94			V0	

PCB plug, Screw connection with tension sleeve, Pitch: 5 mm

MSTB 2,5 HC/...-STF



Dimensions	[mm]
Length l	18.2
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MSTB 2,5 HC/ 2-STF	1912074	50	19.4
3	MSTB 2,5 HC/ 3-STF	1912087	50	24.4
4	MSTB 2,5 HC/ 4-STF	1912090	50	29.4
5	MSTB 2,5 HC/ 5-STF	1912100	50	34.4
6	MSTB 2,5 HC/ 6-STF	1912113	50	39.4
7	MSTB 2,5 HC/ 7-STF	1912126	50	44.4
8	MSTB 2,5 HC/ 8-STF	1912139	50	49.4
9	MSTB 2,5 HC/ 9-STF	1912142	50	54.4
10	MSTB 2,5 HC/ 10-STF	1912155	50	59.4
11	MSTB 2,5 HC/ 11-STF	1912168	50	64.4
12	MSTB 2,5 HC/ 12-STF	1912171	50	69.4



Technical data

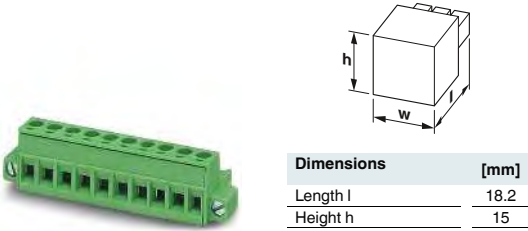
Connection system / type of contact		POWER COMBICON 2,5 / Female connector Screw flange		
Locking				
Connection capacity				
Solid / stranded		[mm ²]	0.2 - 2.5 / 0.2 - 2.5	
Stranded with ferrules without plastic sleeve		[mm ²]	0.25 - 2.5	
Stranded with ferrules with plastic sleeve		[mm ²]	0.25 - 2.5	
2 conductors with same cross section solid / stranded		[mm ²]	0.2 - 1 / 0.2 - 1.5	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve		[mm ²]	0.25 - 1	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve		[mm ²]	0.5 - 1.5	
Conductor cross section AWG/kcmil			24 - 12	
Stripping length		[mm]	7	
Tightening torque		[Nm]	0.5 - 0.6	
Electrical parameters				
Rated current / conductor cross section		[A] / [mm ²]	16 / 2.5	
Surge voltage category/degree of pollution			III/3	II / 2
Rated insulation voltage		[V]	250	320
Rated surge voltage		[kV]	4	4
Approval data (UL/CUL)				
Use Group			B	C
Nominal voltage/current		[V] / [A]	300 / 16	150 / 15
AWG			30-12	30-12
General data				
Type of insulation material / insulation material group			PA / I	
Inflammability class in acc. with UL 94			V0	

PCB connectors

Conductor cross section up to 2.5 mm² (AWG 14)

PCB plug, Screw connection with tension sleeve, Pitch: 5.08 mm

MSTB 2,5 HC/...-STF



Dimensions	[mm]
Length l	18.2
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MSTB 2,5 HC/ 2-STF-5,08	1912184	50	19.56
3	MSTB 2,5 HC/ 3-STF-5,08	1912197	50	24.64
4	MSTB 2,5 HC/ 4-STF-5,08	1912207	50	29.72
5	MSTB 2,5 HC/ 5-STF-5,08	1912210	50	34.8
6	MSTB 2,5 HC/ 6-STF-5,08	1912223	50	39.88
7	MSTB 2,5 HC/ 7-STF-5,08	1912236	50	44.96
8	MSTB 2,5 HC/ 8-STF-5,08	1912249	50	50.04
9	MSTB 2,5 HC/ 9-STF-5,08	1912252	50	55.12
10	MSTB 2,5 HC/10-STF-5,08	1912265	50	60.2
11	MSTB 2,5 HC/11-STF-5,08	1912278	50	65.28
12	MSTB 2,5 HC/12-STF-5,08	1912281	50	70.36

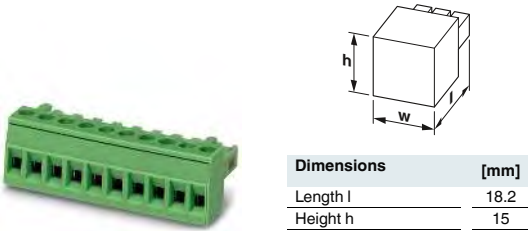


Technical data

Connection system / type of contact		POWER COMBICON 2,5 / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	16 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 16	-	150 / 15
AWG		30-12	-	30-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 5 mm

MSTBT 2,5 HC/...-ST



Dimensions	[mm]
Length l	18.2
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MSTBT 2,5 HC/ 2-ST	1926358	50	10
3	MSTBT 2,5 HC/ 3-ST	1926248	50	15
4	MSTBT 2,5 HC/ 4-ST	1926251	50	20
5	MSTBT 2,5 HC/ 5-ST	1926264	50	25
6	MSTBT 2,5 HC/ 6-ST	1926277	50	30
7	MSTBT 2,5 HC/ 7-ST	1926280	50	35
8	MSTBT 2,5 HC/ 8-ST	1926293	50	40
9	MSTBT 2,5 HC/ 9-ST	1926303	50	45
10	MSTBT 2,5 HC/10-ST	1926316	50	50
11	MSTBT 2,5 HC/11-ST	1926329	50	55
12	MSTBT 2,5 HC/12-ST	1926332	50	60

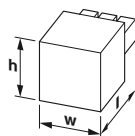


Technical data

Connection system / type of contact		POWER COMBICON 2,5 / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	16 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 16	-	300 / 10
AWG		30-12	-	30-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 5 mm

MVSTBR 2,5 HC/...-ST



Dimensions	[mm]
Length l	12.6
Height h	26



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MVSTBR 2,5 HC/ 2-ST	1912294	50	10
3	MVSTBR 2,5 HC/ 3-ST	1912304	50	15
4	MVSTBR 2,5 HC/ 4-ST	1912317	50	20
5	MVSTBR 2,5 HC/ 5-ST	1912320	50	25
6	MVSTBR 2,5 HC/ 6-ST	1912333	50	30
7	MVSTBR 2,5 HC/ 7-ST	1912346	50	35
8	MVSTBR 2,5 HC/ 8-ST	1912359	50	40
9	MVSTBR 2,5 HC/ 9-ST	1912362	50	45
10	MVSTBR 2,5 HC/10-ST	1912375	50	50
11	MVSTBR 2,5 HC/11-ST	1912388	50	55
12	MVSTBR 2,5 HC/12-ST	1912391	50	60

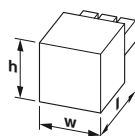


Technical data

Connection system / type of contact		POWER COMBICON 2,5 / Female connector without		
Locking				
Connection capacity				
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	16 / 2.5		
Surge voltage category/degree of pollution		III/3	III/2	II/2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 16	-	300 / 10
AWG		30-12	-	30-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 5.08 mm

MVSTBR 2,5 HC/...-ST



Dimensions	[mm]
Length l	12.6
Height h	26



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MVSTBR 2,5 HC/ 2-ST-5,08	1912401	50	10.16
3	MVSTBR 2,5 HC/ 3-ST-5,08	1912414	50	15.24
4	MVSTBR 2,5 HC/ 4-ST-5,08	1912427	50	20.32
5	MVSTBR 2,5 HC/ 5-ST-5,08	1912430	50	25.4
6	MVSTBR 2,5 HC/ 6-ST-5,08	1912443	50	30.48
7	MVSTBR 2,5 HC/ 7-ST-5,08	1912456	50	35.56
8	MVSTBR 2,5 HC/ 8-ST-5,08	1912469	50	40.64
9	MVSTBR 2,5 HC/ 9-ST-5,08	1912472	50	45.72
10	MVSTBR 2,5 HC/10-ST-5,08	1912485	50	50.8
12	MVSTBR 2,5 HC/12-ST-5,08	1912508	50	60.96



Technical data

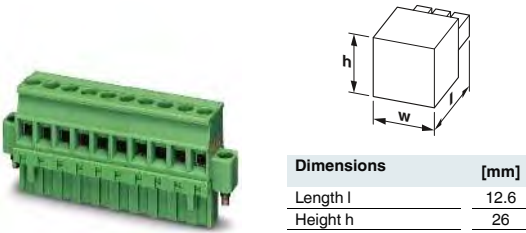
Connection system / type of contact		POWER COMBICON 2,5 / Female connector without		
Locking				
Connection capacity				
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	16 / 2.5		
Surge voltage category/degree of pollution		III/3	III/2	II/2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 16	-	300 / 10
AWG		30-12	-	30-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 2.5 mm² (AWG 14)

PCB plug, Screw connection with tension sleeve, Pitch: 5 mm

MVSTBR 2,5 HC/...-STF



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MVSTBR 2,5 HC/ 2-STF	1912511	50	20
3	MVSTBR 2,5 HC/ 3-STF	1912524	50	25
4	MVSTBR 2,5 HC/ 4-STF	1912537	50	30
5	MVSTBR 2,5 HC/ 5-STF	1912540	50	35
6	MVSTBR 2,5 HC/ 6-STF	1912553	50	40
7	MVSTBR 2,5 HC/ 7-STF	1912566	50	45
8	MVSTBR 2,5 HC/ 8-STF	1912579	50	50
9	MVSTBR 2,5 HC/ 9-STF	1912582	50	55
10	MVSTBR 2,5 HC/10-STF	1912595	50	60
11	MVSTBR 2,5 HC/11-STF	1912605	50	65
12	MVSTBR 2,5 HC/12-STF	1912618	50	70

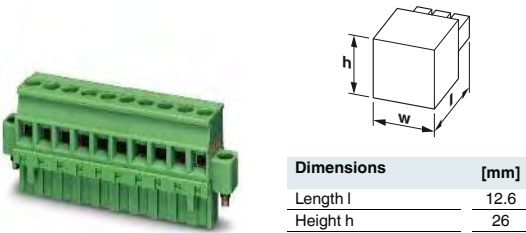


Technical data

Connection system / type of contact		POWER COMBICON 2,5 / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	16 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 16	-	300 / 10
AWG		30-12	-	30-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 5.08 mm

MVSTBR 2,5 HC/...-STF



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MVSTBR 2,5 HC/ 2-STF-5,08	1912621	50	20.32
3	MVSTBR 2,5 HC/ 3-STF-5,08	1912634	50	25.4
4	MVSTBR 2,5 HC/ 4-STF-5,08	1912647	50	30.48
5	MVSTBR 2,5 HC/ 5-STF-5,08	1912650	50	35.56
6	MVSTBR 2,5 HC/ 6-STF-5,08	1912663	50	40.64
8	MVSTBR 2,5 HC/ 8-STF-5,08	1912689	50	50.8
9	MVSTBR 2,5 HC/ 9-STF-5,08	1912692	50	55.88
10	MVSTBR 2,5 HC/10-STF-5,08	1912702	50	60.96
11	MVSTBR 2,5 HC/11-STF-5,08	1912715	50	66.04
12	MVSTBR 2,5 HC/12-STF-5,08	1912728	50	71.12

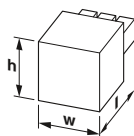


Technical data

Connection system / type of contact		POWER COMBICON 2,5 / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	16 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 16	-	300 / 10
AWG		30-12	-	30-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 5 mm

MVSTBW 2,5 HC/...ST



Dimensions	[mm]
Length l	12.5
Height h	26



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MVSTBW 2,5 HC/ 2-ST	1912731	50	10
3	MVSTBW 2,5 HC/ 3-ST	1912744	50	15
4	MVSTBW 2,5 HC/ 4-ST	1912757	50	20
5	MVSTBW 2,5 HC/ 5-ST	1912760	50	25
6	MVSTBW 2,5 HC/ 6-ST	1912773	50	30
7	MVSTBW 2,5 HC/ 7-ST	1912786	50	35
8	MVSTBW 2,5 HC/ 8-ST	1912799	50	40
9	MVSTBW 2,5 HC/ 9-ST	1912809	50	45
10	MVSTBW 2,5 HC/10-ST	1912812	50	50
11	MVSTBW 2,5 HC/11-ST	1912825	50	55
12	MVSTBW 2,5 HC/12-ST	1912838	50	60

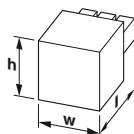


Technical data

Connection system / type of contact		POWER COMBICON 2,5 / Female connector without		
Locking				
Connection capacity				
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	16 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 16	-	300 / 10
AWG		30-12	-	30-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 5.08 mm

MVSTBW 2,5 HC/...ST



Dimensions	[mm]
Length l	12.6
Height h	26



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MVSTBW 2,5 HC/ 2-ST-5,08	1912841	50	10.16
3	MVSTBW 2,5 HC/ 3-ST-5,08	1912854	50	15.24
4	MVSTBW 2,5 HC/ 4-ST-5,08	1912867	50	20.32
5	MVSTBW 2,5 HC/ 5-ST-5,08	1912870	50	25.4
6	MVSTBW 2,5 HC/ 6-ST-5,08	1912883	50	30.48
7	MVSTBW 2,5 HC/ 7-ST-5,08	1912896	50	35.56
8	MVSTBW 2,5 HC/ 8-ST-5,08	1912906	50	40.64
9	MVSTBW 2,5 HC/ 9-ST-5,08	1912919	50	45.72
10	MVSTBW 2,5 HC/10-ST-5,08	1912922	50	50.8
11	MVSTBW 2,5 HC/11-ST-5,08	1912935	50	55.88
12	MVSTBW 2,5 HC/12-ST-5,08	1912948	50	60.96



Technical data

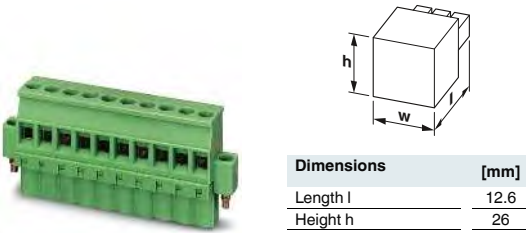
Connection system / type of contact		POWER COMBICON 2,5 / Female connector without		
Locking				
Connection capacity				
Solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	16 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 16	-	300 / 10
AWG		30-12	-	30-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 2.5 mm² (AWG 14)

PCB plug, Screw connection with tension sleeve, Pitch: 5 mm

MVSTBW 2,5 HC/...-STF



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MVSTBW 2,5 HC/ 2-STF	1912951	50	11
3	MVSTBW 2,5 HC/ 3-STF	1912964	50	16
4	MVSTBW 2,5 HC/ 4-STF	1912977	50	21
5	MVSTBW 2,5 HC/ 5-STF	1912980	50	26
6	MVSTBW 2,5 HC/ 6-STF	1912993	50	31
7	MVSTBW 2,5 HC/ 7-STF	1913002	50	36
8	MVSTBW 2,5 HC/ 8-STF	1913015	50	41
9	MVSTBW 2,5 HC/ 9-STF	1913028	50	46
10	MVSTBW 2,5 HC/10-STF	1913031	50	51
11	MVSTBW 2,5 HC/11-STF	1913044	50	56
12	MVSTBW 2,5 HC/12-STF	1913057	50	61

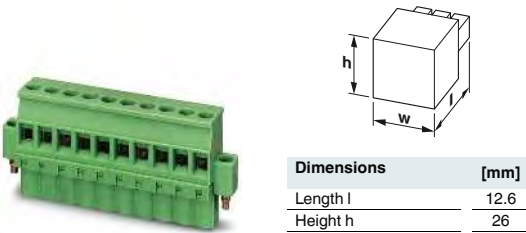


Technical data

Connection system / type of contact		POWER COMBICON 2,5 / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	16 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 16	-	300 / 10
AWG		30-12	-	30-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 5.08 mm

MVSTBW 2,5 HC/...-STF



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MVSTBW 2,5 HC/ 2-STF-5,08	1913060	50	10.16
3	MVSTBW 2,5 HC/ 3-STF-5,08	1913073	50	15.24
4	MVSTBW 2,5 HC/ 4-STF-5,08	1913086	50	20.32
5	MVSTBW 2,5 HC/ 5-STF-5,08	1913099	50	25.4
6	MVSTBW 2,5 HC/ 6-STF-5,08	1913109	50	30.48
7	MVSTBW 2,5 HC/ 7-STF-5,08	1913112	50	35.56
8	MVSTBW 2,5 HC/ 8-STF-5,08	1913125	50	40.64
9	MVSTBW 2,5 HC/ 9-STF-5,08	1913138	50	45.72
10	MVSTBW 2,5 HC/10-STF-5,08	1913141	50	50.8
11	MVSTBW 2,5 HC/11-STF-5,08	1913154	50	55.88
12	MVSTBW 2,5 HC/12-STF-5,08	1913167	50	60.96

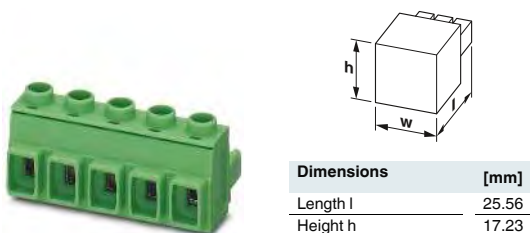


Technical data

Connection system / type of contact		POWER COMBICON 2,5 / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	16 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 16	-	300 / 10
AWG		30-12	-	30-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 7.62 mm

GMSTB 2,5 HCV/...-ST



Dimensions	[mm]
Length l	25.56
Height h	17.23



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GMSTB 2,5 HCV/ 2-ST-7,62	1714278	50	15.02
3	GMSTB 2,5 HCV/ 3-ST-7,62	1714281	50	22.64
4	GMSTB 2,5 HCV/ 4-ST-7,62	1714294	50	30.26
5	GMSTB 2,5 HCV/ 5-ST-7,62	1714304	50	37.88
6	GMSTB 2,5 HCV/ 6-ST-7,62	1714317	50	45.5
7	GMSTB 2,5 HCV/ 7-ST-7,62	1714320	50	53.12
8	GMSTB 2,5 HCV/ 8-ST-7,62	1714333	50	60.74
9	GMSTB 2,5 HCV/ 9-ST-7,62	1714346	50	68.36
10	GMSTB 2,5 HCV/10-ST-7,62	1714359	50	75.98
11	GMSTB 2,5 HCV/11-ST-7,62	1714362	50	83.6
12	GMSTB 2,5 HCV/12-ST-7,62	1714375	50	91.22

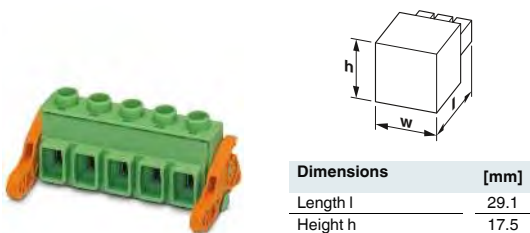


Technical data

Connection system / type of contact		POWER COMBICON 2,5 / Female connector without		
Locking				
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	8		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	16 / 2.5		
Surge voltage category/degree of pollution		III/3	III/2	II/2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 20	600 / 20	-
AWG		30-12	30-12	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 7.62 mm

GMSTB 2,5 HCV/...-ST-LR



Dimensions	[mm]
Length l	29.1
Height h	17.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GMSTB 2,5 HCV/ 2-ST-7,62-LR	1812759	50	22.84
3	GMSTB 2,5 HCV/ 3-ST-7,62-LR	1812762	50	30.46
4	GMSTB 2,5 HCV/ 4-ST-7,62-LR	1812775	50	38.08
5	GMSTB 2,5 HCV/ 5-ST-7,62-LR	1812788	50	45.7
6	GMSTB 2,5 HCV/ 6-ST-7,62-LR	1812791	50	53.32
7	GMSTB 2,5 HCV/ 7-ST-7,62-LR	1812801	50	60.94
8	GMSTB 2,5 HCV/ 8-ST-7,62-LR	1812814	50	68.56
10	GMSTB 2,5 HCV/10-ST-7,62-LR	1812830	50	83.8
11	GMSTB 2,5 HCV/11-ST-7,62-LR	1812843	50	91.42



Technical data

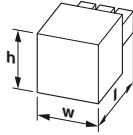
Connection system / type of contact		POWER COMBICON 2,5 / Female connector Lock & Release ejector lever		
Locking				
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	8		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	16 / 2.5		
Surge voltage category/degree of pollution		III/3	III/2	II/2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	8
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 20	600 / 20	-
AWG		30-12	30-12	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 2.5 mm² (AWG 14)

PCB plug, Screw connection with tension sleeve, Pitch: 7.62 mm

GMVSTBW 2,5 HV/...-ST



Dimensions	[mm]
Length l	15
Height h	27.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GMVSTBW 2,5 HV/ 2-ST-7,62	1771910	50	13.19
3	GMVSTBW 2,5 HV/ 3-ST-7,62	1993967	50	20.81
4	GMVSTBW 2,5 HV/ 4-ST-7,62	1927221	50	28.43

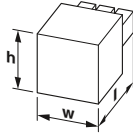


Technical data

Connection system / type of contact		POWER COMBICON 2,5 / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5		
Surge voltage category/degree of pollution		III / 3	III / 2	II / 2
Rated insulation voltage	[V]	500	630	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 15	600 / 15	-
AWG		30-12	30-12	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 7.62 mm

GMVSTBR 2,5 HV/...-ST



Dimensions	[mm]
Length l	15
Height h	27.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GMVSTBR 2,5 HV/ 2-ST-7,62	1774454	50	13.19
3	GMVSTBR 2,5 HV/ 3-ST-7,62	1993954	50	20.81
4	GMVSTBR 2,5 HV/ 4-ST-7,62	1774467	50	28.43

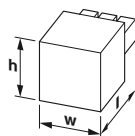


Technical data

Connection system / type of contact		POWER COMBICON 2,5 / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	12 / 2.5		
Surge voltage category/degree of pollution		III / 3	III / 2	II / 2
Rated insulation voltage	[V]	500	630	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 15	600 / 15	-
AWG		30-12	30-12	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 7.62 mm

GIC 2,5 HCV/...-ST



Dimensions		[mm]
Length l		22.8
Height h		17.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GIC 2,5 HCV/ 2-ST-7,62	1745629	50	15.02
3	GIC 2,5 HCV/ 3-ST-7,62	1745632	50	22.64
4	GIC 2,5 HCV/ 4-ST-7,62	1745645	50	30.26
5	GIC 2,5 HCV/ 5-ST-7,62	1745658	50	37.88
6	GIC 2,5 HCV/ 6-ST-7,62	1745661	50	45.5
7	GIC 2,5 HCV/ 7-ST-7,62	1745674	50	53.12
8	GIC 2,5 HCV/ 8-ST-7,62	1745687	50	60.74
9	GIC 2,5 HCV/ 9-ST-7,62	1745690	50	68.36
10	GIC 2,5 HCV/10-ST-7,62	1745700	50	75.98
11	GIC 2,5 HCV/11-ST-7,62	1745713	50	83.6
12	GIC 2,5 HCV/12-ST-7,62	1745726	50	91.22

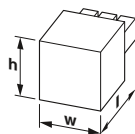


Technical data

Connection system / type of contact		POWER COMBICON 2,5 / Male connector without		
Locking				
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	8		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	16 / 2.5		
Surge voltage category/degree of pollution		III/3	III/2	II/2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	8
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 16	600 / 16	-
AWG		30-12	30-12	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 5 mm

FKC 2,5 HC/...-ST



Dimensions		[mm]
Length l		25.73
Height h		15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FKC 2,5 HC/ 2-ST	1942154	50	9.9
3	FKC 2,5 HC/ 3-ST	1942167	50	14.9
4	FKC 2,5 HC/ 4-ST	1942170	50	19.9
5	FKC 2,5 HC/ 5-ST	1942183	50	24.9
6	FKC 2,5 HC/ 6-ST	1942196	50	29.9
7	FKC 2,5 HC/ 7-ST	1942206	50	34.9
8	FKC 2,5 HC/ 8-ST	1942219	50	39.9
9	FKC 2,5 HC/ 9-ST	1942222	50	44.9
10	FKC 2,5 HC/10-ST	1942235	50	49.9
11	FKC 2,5 HC/11-ST	1942248	50	54.9
12	FKC 2,5 HC/12-ST	1942251	50	59.9



Technical data

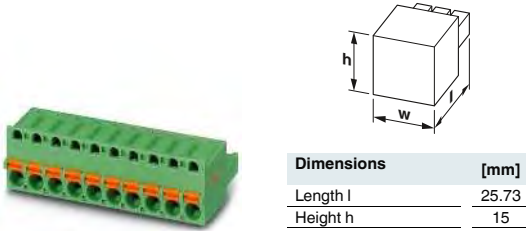
Connection system / type of contact		POWER COMBICON 2,5 / Female connector without		
Locking				
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	16 / 2.5		
Surge voltage category/degree of pollution		III/3	III/2	II/2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 16	-	300 / 10
AWG		26-12	-	26-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 2.5 mm² (AWG 14)

PCB plug, Push-in spring connection, Pitch: 5.08 mm

FKC 2,5 HC/...-ST



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FKC 2,5 HC/ 2-ST-5,08	1942374	100	10.78
3	FKC 2,5 HC/ 3-ST-5,08	1942387	100	15.86
4	FKC 2,5 HC/ 4-ST-5,08	1942390	100	20.94
5	FKC 2,5 HC/ 5-ST-5,08	1942400	50	26.02
6	FKC 2,5 HC/ 6-ST-5,08	1942413	50	31.31
7	FKC 2,5 HC/ 7-ST-5,08	1942426	50	36.18
8	FKC 2,5 HC/ 8-ST-5,08	1942439	50	41.26
9	FKC 2,5 HC/ 9-ST-5,08	1942442	50	46.34
10	FKC 2,5 HC/10-ST-5,08	1942455	50	51.42
11	FKC 2,5 HC/11-ST-5,08	1942468	50	56.5
12	FKC 2,5 HC/12-ST-5,08	1942471	50	61.58

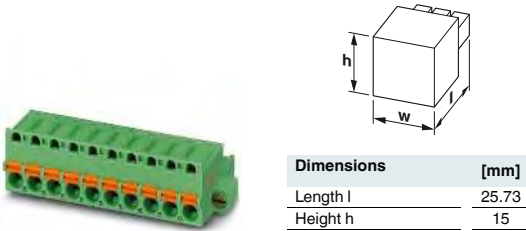


Technical data

Connection system / type of contact		POWER COMBICON 2,5 / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	16 / 2.5		
Surge voltage category/degree of pollution		III / 3	III / 2	II / 2
Rated insulation voltage	[V]	320	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 16	-	300 / 10
AWG		26-12	-	26-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 5 mm

FKC 2,5 HC/...-STF



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FKC 2,5 HC/ 2-STF	1942264	50	19.82
3	FKC 2,5 HC/ 3-STF	1942277	50	24.82
4	FKC 2,5 HC/ 4-STF	1942280	50	29.82
5	FKC 2,5 HC/ 5-STF	1942293	50	34.82
6	FKC 2,5 HC/ 6-STF	1942303	50	39.82
7	FKC 2,5 HC/ 7-STF	1942316	50	44.82
8	FKC 2,5 HC/ 8-STF	1942329	50	49.82
9	FKC 2,5 HC/ 9-STF	1942332	50	54.82
10	FKC 2,5 HC/10-STF	1942345	50	59.82
11	FKC 2,5 HC/11-STF	1942358	50	64.82
12	FKC 2,5 HC/12-STF	1942361	50	69.82

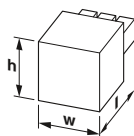


Technical data

Connection system / type of contact		POWER COMBICON 2,5 / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	16 / 2.5		
Surge voltage category/degree of pollution		III / 3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 16	-	300 / 10
AWG		26-12	-	26-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 5.08 mm

FKC 2,5 HC/-STF



Dimensions [mm]	
Length l	25.73
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FKC 2,5 HC/ 2-STF-5,08	1942484	50	20.26
3	FKC 2,5 HC/ 3-STF-5,08	1942497	50	25.34
4	FKC 2,5 HC/ 4-STF-5,08	1942507	50	30.42
5	FKC 2,5 HC/ 5-STF-5,08	1942510	50	35.5
6	FKC 2,5 HC/ 6-STF-5,08	1942523	50	40.58
7	FKC 2,5 HC/ 7-STF-5,08	1942536	50	45.66
8	FKC 2,5 HC/ 8-STF-5,08	1942549	50	50.74
9	FKC 2,5 HC/ 9-STF-5,08	1942552	50	55.82
10	FKC 2,5 HC/10-STF-5,08	1942565	50	60.9
11	FKC 2,5 HC/11-STF-5,08	1942578	50	65.98
12	FKC 2,5 HC/12-STF-5,08	1942581	50	71.06

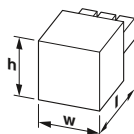


Technical data

Connection system / type of contact		POWER COMBICON 2,5 / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	16 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	320	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 16	-	300 / 10
AWG		26-12	-	26-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 5.08 mm

FKIC 2,5 HC/-ST



Dimensions [mm]	
Length l	27
Height h	15



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FKIC 2,5 HC/ 2-ST-5,08	1942594	50	12.16
3	FKIC 2,5 HC/ 3-ST-5,08	1942604	100	17.24
4	FKIC 2,5 HC/ 4-ST-5,08	1942617	100	22.32
5	FKIC 2,5 HC/ 5-ST-5,08	1942620	50	27.4
6	FKIC 2,5 HC/ 6-ST-5,08	1942633	50	32.48
7	FKIC 2,5 HC/ 7-ST-5,08	1942646	50	37.56
8	FKIC 2,5 HC/ 8-ST-5,08	1942659	50	42.64
9	FKIC 2,5 HC/ 9-ST-5,08	1942662	50	47.72
10	FKIC 2,5 HC/10-ST-5,08	1942675	50	52.8
11	FKIC 2,5 HC/11-ST-5,08	1942688	50	57.88
12	FKIC 2,5 HC/12-ST-5,08	1942691	50	62.96



Technical data

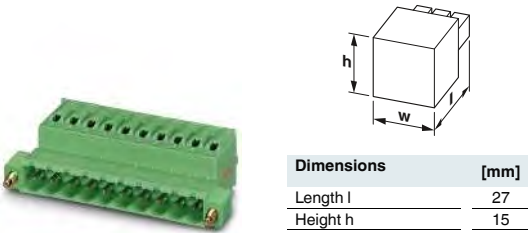
Connection system / type of contact		POWER COMBICON 2,5 / Male connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	16 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	320	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 16	-	300 / 10
AWG		26-12	-	26-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 2.5 mm² (AWG 14)

PCB plug, Push-in spring connection, Pitch: 5.08 mm

FKIC 2,5 HC/-STF



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	FKIC 2,5 HC/ 2-STF-5,08	1942701	50	20.24
3	FKIC 2,5 HC/ 3-STF-5,08	1942714	50	25.32
4	FKIC 2,5 HC/ 4-STF-5,08	1942727	50	30.4
5	FKIC 2,5 HC/ 5-STF-5,08	1942730	50	35.48
6	FKIC 2,5 HC/ 6-STF-5,08	1942743	50	40.56
7	FKIC 2,5 HC/ 7-STF-5,08	1942756	50	45.64
8	FKIC 2,5 HC/ 8-STF-5,08	1942769	50	50.72
9	FKIC 2,5 HC/ 9-STF-5,08	1942772	50	55.8
10	FKIC 2,5 HC/10-STF-5,08	1942785	50	60.88
11	FKIC 2,5 HC/11-STF-5,08	1942798	50	65.96
12	FKIC 2,5 HC/12-STF-5,08	1942808	50	71.04

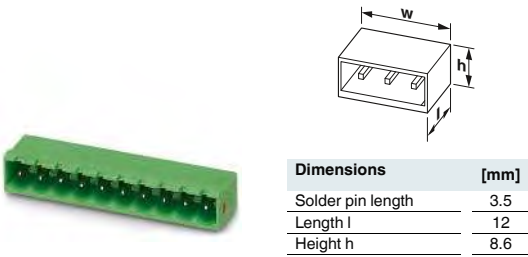


Technical data

Connection system / type of contact		POWER COMBICON 2,5 / Male connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	10		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	16 / 2.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	320	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 16	-	300 / 10
AWG		26-12	-	26-12
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB headers, Pitch: 5 mm

MSTBA 2,5 HC/-G, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MSTBA 2,5 HC/ 2-G	1923759	50	12
3	MSTBA 2,5 HC/ 3-G	1923762	50	17
4	MSTBA 2,5 HC/ 4-G	1923775	50	22
5	MSTBA 2,5 HC/ 5-G	1923788	50	27
6	MSTBA 2,5 HC/ 6-G	1923791	50	32
7	MSTBA 2,5 HC/ 7-G	1923801	50	37
8	MSTBA 2,5 HC/ 8-G	1923814	50	42
9	MSTBA 2,5 HC/ 9-G	1923827	50	47
10	MSTBA 2,5 HC/10-G	1923830	50	52
11	MSTBA 2,5 HC/11-G	1923843	50	57
12	MSTBA 2,5 HC/12-G	1923856	50	62

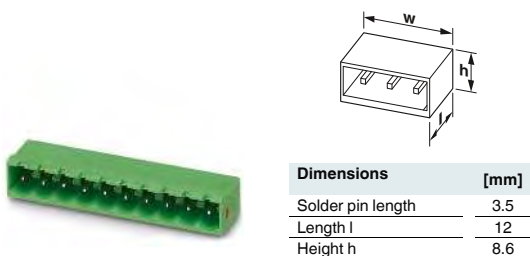


Technical data

Connection system / type of contact		POWER COMBICON 2,5 / Male connector		
Locking		without		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	16 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	400
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 16	-	150 / 15
AWG		-	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB headers, Pitch: 5.08 mm

MSTBA 2,5 HC/...-G, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MSTBA 2,5 HC/ 2-G-5,08	1923869	50	12.16
3	MSTBA 2,5 HC/ 3-G-5,08	1923872	50	17.24
4	MSTBA 2,5 HC/ 4-G-5,08	1923885	50	22.32
5	MSTBA 2,5 HC/ 5-G-5,08	1923898	50	27.4
6	MSTBA 2,5 HC/ 6-G-5,08	1923908	50	32.48
7	MSTBA 2,5 HC/ 7-G-5,08	1923911	50	37.56
8	MSTBA 2,5 HC/ 8-G-5,08	1923924	50	42.64
9	MSTBA 2,5 HC/ 9-G-5,08	1923937	50	47.72
10	MSTBA 2,5 HC/10-G-5,08	1923940	50	52.8
11	MSTBA 2,5 HC/11-G-5,08	1923953	50	57.88
12	MSTBA 2,5 HC/12-G-5,08	1923966	50	62.96

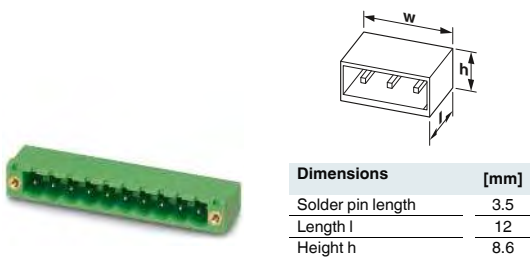


Technical data

Connection system / type of contact		POWER COMBICON 2,5 / Male connector		
Locking		without		
Electrical parameters				
Rated current / conductor cross section		16 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage		250	320	400
Rated surge voltage		4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current		300 / 16	-	150 / 15
AWG		-	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB headers, Pitch: 5 mm

MSTB 2,5 HC/...-GF, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MSTB 2,5 HC/ 2-GF	1923979	50	20
3	MSTB 2,5 HC/ 3-GF	1923982	50	25
4	MSTB 2,5 HC/ 4-GF	1923995	50	30
5	MSTB 2,5 HC/ 5-GF	1924004	50	35
6	MSTB 2,5 HC/ 6-GF	1924017	50	40
7	MSTB 2,5 HC/ 7-GF	1924020	50	45
8	MSTB 2,5 HC/ 8-GF	1924033	50	50
9	MSTB 2,5 HC/ 9-GF	1924046	50	55
10	MSTB 2,5 HC/10-GF	1924059	50	60
11	MSTB 2,5 HC/11-GF	1924062	50	65
12	MSTB 2,5 HC/12-GF	1924075	50	70



Technical data

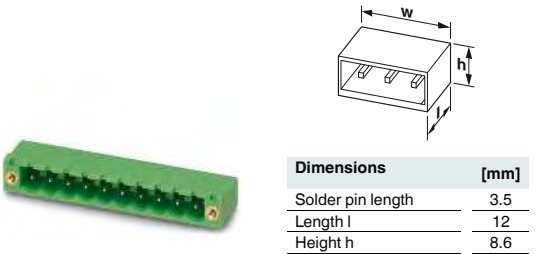
Connection system / type of contact		POWER COMBICON 2,5 / Male connector		
Locking		Threaded flange		
Electrical parameters				
Rated current / conductor cross section		16 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage		250	320	400
Rated surge voltage		4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current		300 / 16	-	150 / 15
AWG		-	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 2.5 mm² (AWG 14)

PCB headers, Pitch: 5.08 mm

MSTB 2,5 HC/...-GF, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MSTB 2,5 HC/ 2-GF-5,08	1924088	50	25.4
3	MSTB 2,5 HC/ 3-GF-5,08	1924091	50	25.4
4	MSTB 2,5 HC/ 4-GF-5,08	1924101	50	30.48
5	MSTB 2,5 HC/ 5-GF-5,08	1924114	50	35.56
6	MSTB 2,5 HC/ 6-GF-5,08	1924127	50	40.64
7	MSTB 2,5 HC/ 7-GF-5,08	1924130	50	45.72
8	MSTB 2,5 HC/ 8-GF-5,08	1924143	50	50.8
9	MSTB 2,5 HC/ 9-GF-5,08	1924156	50	55.88
10	MSTB 2,5 HC/10-GF-5,08	1924169	50	60.96
11	MSTB 2,5 HC/11-GF-5,08	1924172	50	66.04
12	MSTB 2,5 HC/12-GF-5,08	1924185	50	71.12

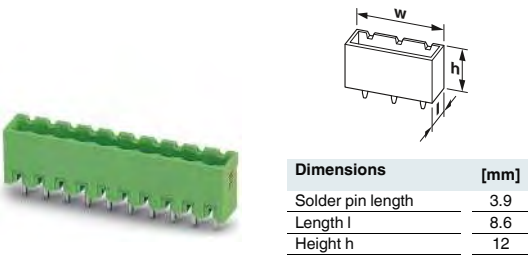


Technical data

Connection system / type of contact		POWER COMBICON 2,5 / Male connector		
Locking		Threaded flange		
Electrical parameters				
Rated current / conductor cross section		[A] / [mm²]	16 / -	
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage		[V]	250	320
Rated surge voltage		[kV]	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current		[V] / [A]	300 / 16	150 / 15
AWG		-	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB headers, Pitch: 5 mm

MSTBVA 2,5 HC/...-G, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MSTBVA 2,5 HC/ 2-G	1924198	50	12
3	MSTBVA 2,5 HC/ 3-G	1924208	50	17
4	MSTBVA 2,5 HC/ 4-G	1924211	50	22
5	MSTBVA 2,5 HC/ 5-G	1924224	50	27
6	MSTBVA 2,5 HC/ 6-G	1924237	50	32
7	MSTBVA 2,5 HC/ 7-G	1924240	50	37
8	MSTBVA 2,5 HC/ 8-G	1924253	50	42
9	MSTBVA 2,5 HC/ 9-G	1924266	50	47
10	MSTBVA 2,5 HC/10-G	1924279	50	52
11	MSTBVA 2,5 HC/11-G	1924282	50	57
12	MSTBVA 2,5 HC/12-G	1924295	50	62

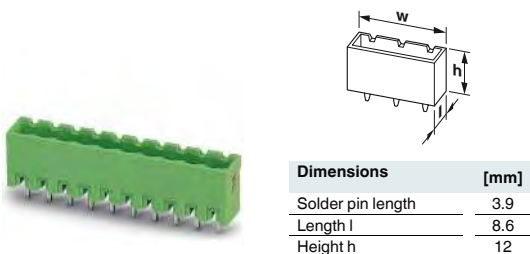


Technical data

Connection system / type of contact		POWER COMBICON 2,5 / Male connector			
Locking		without			
Electrical parameters					
Rated current / conductor cross section		[A] / [mm²]	16 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2	
Rated insulation voltage		[V]	250	320	630
Rated surge voltage		[kV]	4	4	4
Approval data (UL/CUL)					
Use Group		B	C	D	
Nominal voltage/current		[V] / [A]	300 / 16	-	150 / 15
AWG			-	-	-
General data					
Type of insulation material / insulation material group			PA / I		
Inflammability class in acc. with UL 94			V0		

PCB headers, Pitch: 5.08 mm

MSTBVA 2,5 HC/...-G, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MSTBVA 2,5 HC/ 2-G-5,08	1924305	50	12.16
3	MSTBVA 2,5 HC/ 3-G-5,08	1924318	50	17.24
4	MSTBVA 2,5 HC/ 4-G-5,08	1924321	50	22.32
5	MSTBVA 2,5 HC/ 5-G-5,08	1924334	50	27.4
6	MSTBVA 2,5 HC/ 6-G-5,08	1924347	50	32.48
7	MSTBVA 2,5 HC/ 7-G-5,08	1924350	50	37.56
8	MSTBVA 2,5 HC/ 8-G-5,08	1924363	50	42.64
9	MSTBVA 2,5 HC/ 9-G-5,08	1924376	50	47.72
10	MSTBVA 2,5 HC/10-G-5,08	1924389	50	52.8
11	MSTBVA 2,5 HC/11-G-5,08	1924392	50	57.88
12	MSTBVA 2,5 HC/12-G-5,08	1924402	50	62.96

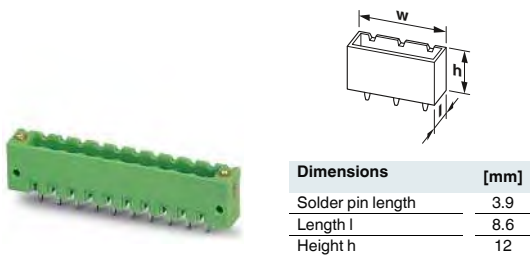


Technical data

Connection system / type of contact	POWER COMBICON 2,5 / Male connector without		
Locking			
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	16 / -	
Surge voltage category/degree of pollution		III / 3	III / 2
Rated insulation voltage	[V]	250	320
Rated surge voltage	[kV]	4	4
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 16	150 / 15
AWG		-	-
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

PCB headers, Pitch: 5 mm

MSTBV 2,5 HC/...-GF, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MSTBV 2,5 HC/ 2-GF	1924415	50	20
3	MSTBV 2,5 HC/ 3-GF	1924428	50	25
4	MSTBV 2,5 HC/ 4-GF	1924431	50	30
5	MSTBV 2,5 HC/ 5-GF	1924444	50	35
6	MSTBV 2,5 HC/ 6-GF	1924457	50	40
7	MSTBV 2,5 HC/ 7-GF	1924460	50	45
8	MSTBV 2,5 HC/ 8-GF	1924473	50	50
9	MSTBV 2,5 HC/ 9-GF	1924486	50	55
10	MSTBV 2,5 HC/10-GF	1924499	50	60
11	MSTBV 2,5 HC/11-GF	1924509	50	65
12	MSTBV 2,5 HC/12-GF	1924512	50	70



Technical data

Connection system / type of contact	POWER COMBICON 2,5 / Male connector Threaded flange		
Locking			
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	16 / -	
Surge voltage category/degree of pollution		III / 3	III / 2
Rated insulation voltage	[V]	250	320
Rated surge voltage	[kV]	4	4
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 16	150 / 15
AWG		-	-
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

PCB connectors
Conductor cross section up to 2.5 mm² (AWG 14)

PCB headers, Pitch: 5.08 mm

MSTBV 2,5 HC/...-GF, Linear pinning

Diagram and dimensions of MSTBV connector. Dimensions table: Solder pin length 3.9, Length l 8.6, Height h 12.



Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2 to 12.

Icons for WAVE, 320 V IEC, 16 A IEC, 5,08 mm, 2,5 mm²

Technical data table for MSTBV connector. Includes connection system, locking, electrical parameters, approval data, and general data.

PCB headers, Pitch: 7.62 mm

GMSTBA 2,5 HC/...-G, Linear pinning

Diagram and dimensions of GMSTBA connector. Dimensions table: Solder pin length 3.2, Length l 12, Height h 8.6.



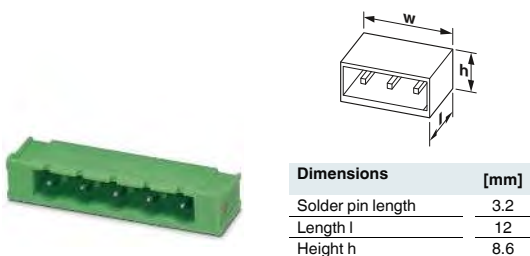
Ordering data table for GMSTBA connector. Columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2 to 12.

Icons for WAVE, 630 V IEC, 16 A IEC, 7,62 mm, 2,5 mm²

Technical data table for GMSTBA connector. Includes connection system, locking, electrical parameters, approval data, and general data.

PCB headers, Pitch: 7.62 mm

GMSTBA 2,5 HC/...-G-LR, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GMSTBA 2,5 HC/ 2-G-7,62-LR	1812869	50	25.82
3	GMSTBA 2,5 HC/ 3-G-7,62-LR	1812872	50	33.44
4	GMSTBA 2,5 HC/ 4-G-7,62-LR	1812885	50	41.06
5	GMSTBA 2,5 HC/ 5-G-7,62-LR	1812898	50	48.68
6	GMSTBA 2,5 HC/ 6-G-7,62-LR	1812908	50	56.3
7	GMSTBA 2,5 HC/ 7-G-7,62-LR	1812911	50	63.92
8	GMSTBA 2,5 HC/ 8-G-7,62-LR	1812924	50	71.54
9	GMSTBA 2,5 HC/ 9-G-7,62-LR	1812937	50	79.16
10	GMSTBA 2,5 HC/10-G-7,62-LR	1812940	50	86.78
11	GMSTBA 2,5 HC/11-G-7,62-LR	1812953	50	94.4
12	GMSTBA 2,5 HC/12-G-7,62-LR	1812966	50	102.02

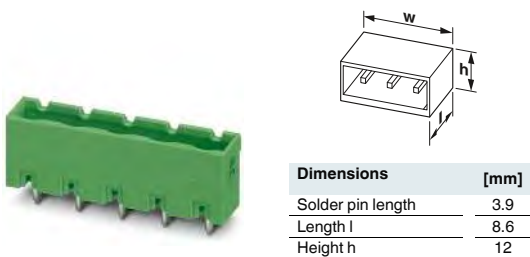


Technical data

Connection system / type of contact	POWER COMBICON 2,5 / Male connector		
Locking	Lock & release threaded flange		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	16 / 2.5	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	500	630
Rated surge voltage	[kV]	6	6
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 20	300 / 10
AWG		-	-
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

PCB headers, Pitch: 7.62 mm

GMSTBVA 2,5 HC/...-G, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GMSTBVA 2,5 HC/ 2-G-7,62	1792397	50	15.24
3	GMSTBVA 2,5 HC/ 3-G-7,62	1767979	50	22.86
4	GMSTBVA 2,5 HC/ 4-G-7,62	1758179	50	30.48
5	GMSTBVA 2,5 HC/ 5-G-7,62	1773455	50	38.1
6	GMSTBVA 2,5 HC/ 6-G-7,62	1767050	50	45.72
7	GMSTBVA 2,5 HC/ 7-G-7,62	1792407	50	53.34
8	GMSTBVA 2,5 HC/ 8-G-7,62	1792410	50	60.96
9	GMSTBVA 2,5 HC/ 9-G-7,62	1792423	50	68.58
10	GMSTBVA 2,5 HC/10-G-7,62	1792436	50	76.2
11	GMSTBVA 2,5 HC/11-G-7,62	1792449	50	83.82
12	GMSTBVA 2,5 HC/12-G-7,62	1792452	50	91.44



Technical data

Connection system / type of contact	POWER COMBICON 2,5 / Male connector		
Locking	without		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	16 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage	[V]	500	630
Rated surge voltage	[kV]	6	6
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 20	300 / 10
AWG		-	-
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

PCB connectors
Conductor cross section up to 2.5 mm² (AWG 14)

PCB headers, Pitch: 7.62 mm

GMSTBVA 2,5 HC/...-G-LR, Linear pinning

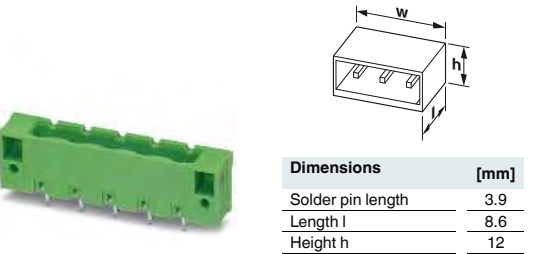


Table with 2 columns: Dimensions, [mm]. Rows: Solder pin length (3.9), Length l (8.6), Height h (12).



Ordering data table with 5 columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-12 listing various GMSTBVA models and their specifications.



Technical data table for GMSTBVA 2,5 HC/...-G-LR. Includes connection system, locking, electrical parameters (current, voltage, surge), approval data, and general data.

PCB headers, Pitch: 5.08 mm

IC 2,5 HC/...-G, Linear pinning

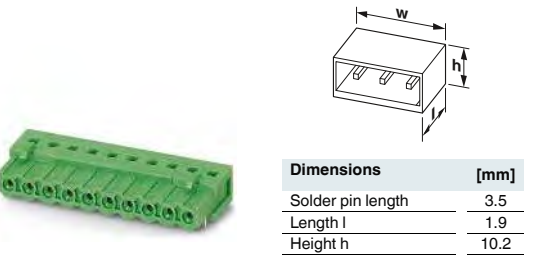


Table with 2 columns: Dimensions, [mm]. Rows: Solder pin length (3.5), Length l (1.9), Height h (10.2).



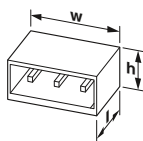
Ordering data table with 5 columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-12 listing various IC 2,5 HC models and their specifications.



Technical data table for IC 2,5 HC/...-G. Includes connection system, locking, electrical parameters, approval data, and general data.

PCB headers, Pitch: 5.08 mm

IC 2,5 HC/...-GF, Linear pinning



Dimensions	[mm]
Solder pin length	3.5
Length l	19
Height h	10.2



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	IC 2,5 HC/ 2-GF-5,08	1943425	50	20.28
3	IC 2,5 HC/ 3-GF-5,08	1943438	50	25.36
4	IC 2,5 HC/ 4-GF-5,08	1943441	50	30.44
5	IC 2,5 HC/ 5-GF-5,08	1943454	50	35.52
6	IC 2,5 HC/ 6-GF-5,08	1943467	50	40.6
7	IC 2,5 HC/ 7-GF-5,08	1943470	50	45.68
8	IC 2,5 HC/ 8-GF-5,08	1943483	50	50.76
9	IC 2,5 HC/ 9-GF-5,08	1943496	50	55.84
10	IC 2,5 HC/10-GF-5,08	1943506	50	60.92
11	IC 2,5 HC/11-GF-5,08	1943519	50	66
12	IC 2,5 HC/12-GF-5,08	1943522	50	71.08

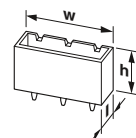


Technical data

Connection system / type of contact		POWER COMBICON 2.5 / Female connector			
Locking		Threaded flange			
Electrical parameters					
Rated current / conductor cross section		[A] / [mm²]	16 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2	
Rated insulation voltage		[V]	320	320	630
Rated surge voltage		[kV]	4	4	4
Approval data (UL/CUL)					
Use Group		B	C	D	
Nominal voltage/current		[V] / [A]	250 / 16	-	300 / 10
AWG			-	-	-
General data					
Type of insulation material / insulation material group			PA / I		
Inflammability class in acc. with UL 94			V0		

PCB headers, Pitch: 5.08 mm

ICV 2,5 HC/...-G, Linear pinning



Dimensions	[mm]
Solder pin length	3.6
Length l	10.2
Height h	19



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	ICV 2,5 HC/ 2-G-5,08	1943535	50	12.16
3	ICV 2,5 HC/ 3-G-5,08	1943548	50	17.24
4	ICV 2,5 HC/ 4-G-5,08	1943551	50	22.32
5	ICV 2,5 HC/ 5-G-5,08	1943564	50	27.4
6	ICV 2,5 HC/ 6-G-5,08	1943577	50	32.48
7	ICV 2,5 HC/ 7-G-5,08	1943580	50	37.56
8	ICV 2,5 HC/ 8-G-5,08	1943593	50	42.64
9	ICV 2,5 HC/ 9-G-5,08	1943603	50	47.72
10	ICV 2,5 HC/10-G-5,08	1943616	50	52.8
11	ICV 2,5 HC/11-G-5,08	1943629	50	57.88
12	ICV 2,5 HC/12-G-5,08	1943632	50	62.96



Technical data

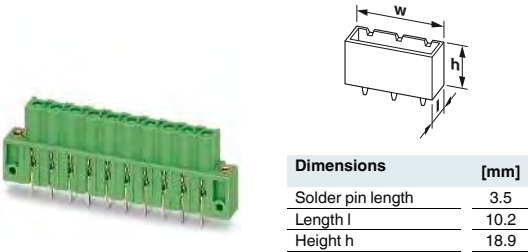
Connection system / type of contact		POWER COMBICON 2,5 / Female connector			
Locking		without			
Electrical parameters					
Rated current / conductor cross section		[A] / [mm²]	16 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2	
Rated insulation voltage		[V]	320	320	630
Rated surge voltage		[kV]	4	4	4
Approval data (UL/CUL)					
Use Group		B	C	D	
Nominal voltage/current		[V] / [A]	250 / 16	-	300 / 10
AWG			-	-	-
General data					
Type of insulation material / insulation material group			PA / I		
Inflammability class in acc. with UL 94			V0		

PCB connectors

Conductor cross section up to 2.5 mm² (AWG 14)

PCB headers, Pitch: 5.08 mm

ICV 2,5 HC/...-GF, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	ICV 2,5 HC/ 2-GF-5,08	1943645	50	20.28
3	ICV 2,5 HC/ 3-GF-5,08	1943658	50	25.36
4	ICV 2,5 HC/ 4-GF-5,08	1943661	50	30.44
5	ICV 2,5 HC/ 5-GF-5,08	1943674	50	35.52
6	ICV 2,5 HC/ 6-GF-5,08	1943687	50	40.6
7	ICV 2,5 HC/ 7-GF-5,08	1943690	50	45.68
8	ICV 2,5 HC/ 8-GF-5,08	1943700	50	50.76
9	ICV 2,5 HC/ 9-GF-5,08	1943713	50	55.84
10	ICV 2,5 HC/10-GF-5,08	1943726	50	60.92
11	ICV 2,5 HC/11-GF-5,08	1943739	50	66
12	ICV 2,5 HC/12-GF-5,08	1943742	50	71.08

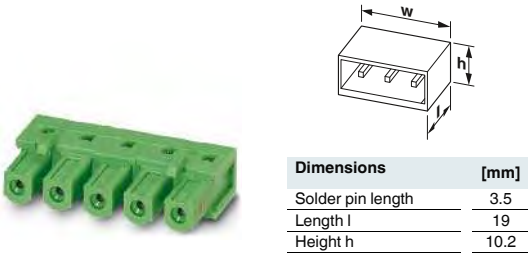


Technical data

Connection system / type of contact		POWER COMBICON 2,5 / Female connector			
Locking		Threaded flange			
Electrical parameters					
Rated current / conductor cross section		[A] / [mm²]	16 / -		
Surge voltage category/degree of pollution			III / 3	III / 2	II / 2
Rated insulation voltage		[V]	320	320	630
Rated surge voltage		[kV]	4	4	4
Approval data (UL/CUL)					
Use Group			B	C	D
Nominal voltage/current		[V] / [A]	250 / 16	-	300 / 10
AWG			-	-	-
General data					
Type of insulation material / insulation material group			PA / I		
Inflammability class in acc. with UL 94			V0		

PCB headers, Pitch: 7.62 mm

GIC 2,5 HC/...-G, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GIC 2,5 HC/ 2-G-7,62	1745784	50	15.24
3	GIC 2,5 HC/ 3-G-7,62	1745797	50	22.86
4	GIC 2,5 HC/ 4-G-7,62	1745807	50	30.48
5	GIC 2,5 HC/ 5-G-7,62	1745810	50	38.1
6	GIC 2,5 HC/ 6-G-7,62	1745823	50	45.72
7	GIC 2,5 HC/ 7-G-7,62	1745836	50	53.34
8	GIC 2,5 HC/ 8-G-7,62	1745849	50	60.96
9	GIC 2,5 HC/ 9-G-7,62	1745852	50	68.58
10	GIC 2,5 HC/10-G-7,62	1745865	50	76.2
11	GIC 2,5 HC/11-G-7,62	1745878	50	83.82
12	GIC 2,5 HC/12-G-7,62	1745881	50	91.44

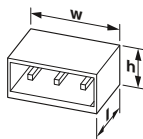


Technical data

Connection system / type of contact		POWER COMBICON 2,5 / Female connector			
Locking		without			
Electrical parameters					
Rated current / conductor cross section		[A] / [mm²]	16 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2	
Rated insulation voltage		[V]	630	630	1000
Rated surge voltage		[kV]	6	6	6
Approval data (UL/CUL)					
Use Group		B	C	D	
Nominal voltage/current		[V] / [A]	250 / 16	-	300 / 10
AWG			-	-	-
General data					
Type of insulation material / insulation material group			PA / I		
Inflammability class in acc. with UL 94			V0		

PCB headers, Pitch: 7.62 mm

GICV 2,5 HC/-G, Linear pinning



Dimensions	[mm]
Solder pin length	3.6
Length l	10.2
Height h	19



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	GICV 2,5 HC/ 2-G-7,62	1756485	50	15.24
3	GICV 2,5 HC/ 3-G-7,62	1756498	50	22.86
4	GICV 2,5 HC/ 4-G-7,62	1756508	50	30.48
5	GICV 2,5 HC/ 5-G-7,62	1756511	50	38.1
6	GICV 2,5 HC/ 6-G-7,62	1756524	50	45.72
7	GICV 2,5 HC/ 7-G-7,62	1756537	50	53.34
8	GICV 2,5 HC/ 8-G-7,62	1756540	50	60.96
9	GICV 2,5 HC/ 9-G-7,62	1756553	50	68.58
10	GICV 2,5 HC/10-G-7,62	1756566	50	76.2
11	GICV 2,5 HC/11-G-7,62	1756579	50	83.82
12	GICV 2,5 HC/12-G-7,62	1756582	50	91.44



Technical data

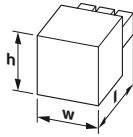
Connection system / type of contact	POWER COMBICON 2,5 / Female connector without		
Locking			
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	16 / -	
Surge voltage category/degree of pollution		III / 3	III / 2
Rated insulation voltage	[V]	630	630
Rated surge voltage	[kV]	6	6
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	250 / 16	300 / 10
AWG		-	-
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

PCB connectors

Conductor cross section up to 4 mm² (AWG 12)

PCB plug, Screw connection with tension sleeve, Pitch: 7.62 mm

PC 4/...-ST



Dimensions	[mm]
Length l	30.7
Height h	18.1



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PC 4/ 2-ST-7,62	1804904	50	15.22
3	PC 4/ 3-ST-7,62	1804917	50	22.84
4	PC 4/ 4-ST-7,62	1804920	50	30.46
5	PC 4/ 5-ST-7,62	1804933	50	38.08
6	PC 4/ 6-ST-7,62	1804946	50	45.7
7	PC 4/ 7-ST-7,62	1804959	50	53.32
8	PC 4/ 8-ST-7,62	1804962	50	60.94
9	PC 4/ 9-ST-7,62	1804975	50	68.56
10	PC 4/10-ST-7,62	1804988	50	76.18
11	PC 4/11-ST-7,62	1804991	50	83.8
12	PC 4/12-ST-7,62	1805000	50	91.42

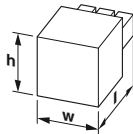


Technical data

Connection system / type of contact		POWER COMBICON 4 / Female connector without		
Locking				
Connection capacity				
Solid / stranded	[mm²]	0.2 - 4 / 0.2 - 4		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 4		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 4		
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 1.5		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 2.5		
Conductor cross section AWG/kcmil		24 - 10		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	20 / 4		
Surge voltage category/degree of pollution		III/3	III/2	II/2
Rated insulation voltage	[V]	400	630	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 30	300 / 30	600 / 5
AWG		30-10	30-10	30-10
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 20	300 / 20	-
AWG		28-10	28-10	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 7.62 mm

PC 4/...-STF



Dimensions	[mm]
Length l	30.7
Height h	18.1



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PC 4/ 2-STF-7,62	1828249	50	30.46
3	PC 4/ 3-STF-7,62	1828252	50	38.08
4	PC 4/ 4-STF-7,62	1828265	50	45.7
5	PC 4/ 5-STF-7,62	1828278	50	53.32
6	PC 4/ 6-STF-7,62	1828281	50	60.94
7	PC 4/ 7-STF-7,62	1828294	50	68.56
8	PC 4/ 8-STF-7,62	1828304	50	76.18
9	PC 4/ 9-STF-7,62	1828317	50	83.8
10	PC 4/10-STF-7,62	1828320	50	91.42
11	PC 4/11-STF-7,62	1828333	50	99.04
12	PC 4/12-STF-7,62	1827583	50	106.66

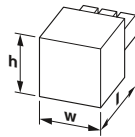


Technical data

Connection system / type of contact		POWER COMBICON 4 / Female connector Screw flange		
Locking				
Connection capacity				
Solid / stranded	[mm²]	0.2 - 4 / 0.2 - 4		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 4		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 4		
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 1.5		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 2.5		
Conductor cross section AWG/kcmil		24 - 10		
Stripping length	[mm]	7		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	20 / 4		
Surge voltage category/degree of pollution		III/3	III/2	II/2
Rated insulation voltage	[V]	400	630	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 30	300 / 30	600 / 5
AWG		30-10	30-10	30-10
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 20	300 / 20	-
AWG		28-10	28-10	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Crimp connection, Pitch: 7.62 mm

PCC 4/...-ST



Dimensions	[mm]
Length l	28.7
Height h	17.2



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PCC 4/ 2-ST-7,62	1840191	50	15.24
3	PCC 4/ 3-ST-7,62	1840188	50	22.81
4	PCC 4/ 4-ST-7,62	1840175	50	30.43
5	PCC 4/ 5-ST-7,62	1840162	50	38.05
6	PCC 4/ 6-ST-7,62	1840159	50	45.67
7	PCC 4/ 7-ST-7,62	1840146	50	53.29
8	PCC 4/ 8-ST-7,62	1840133	50	60.91
9	PCC 4/ 9-ST-7,62	1840120	50	68.53
10	PCC 4/10-ST-7,62	1840117	50	76.15
11	PCC 4/11-ST-7,62	1840104	50	83.77
12	PCC 4/12-ST-7,62	1840094	50	91.39

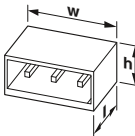


Technical data

Connection system / type of contact		POWER COMBICON 4 / Female connector without		
Locking				
Connection capacity				
Solid / stranded	[mm²]	- / 0.5 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	-		
Stranded with ferrules with plastic sleeve	[mm²]	-		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-		
Conductor cross section AWG/kcmil		20 - 14		
Stripping length	[mm]	-		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	20 / -		
Surge voltage category/degree of pollution		III/3	III/2	II/2
Rated insulation voltage	[V]	400	1000	1000
Rated surge voltage	[kV]	8	8	8
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 10	600 / 10	-
AWG		20-14	20-14	-
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 10	300 / 10	-
AWG		20-14	20-14	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB headers, Pitch: 7.62 mm

PC 4/...-G, Linear pinning



Dimensions	[mm]
Solder pin length	5
Length l	29
Height h	14.25



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PC 4/ 2-G-7,62	1804797	50	15.22
3	PC 4/ 3-G-7,62	1804807	50	22.84
4	PC 4/ 4-G-7,62	1804810	50	30.46
5	PC 4/ 5-G-7,62	1804823	50	38.08
6	PC 4/ 6-G-7,62	1804836	50	45.7
7	PC 4/ 7-G-7,62	1804849	50	53.32
8	PC 4/ 8-G-7,62	1804852	50	60.94
9	PC 4/ 9-G-7,62	1804865	50	68.56
10	PC 4/10-G-7,62	1804878	50	76.18
11	PC 4/11-G-7,62	1804881	50	83.8
12	PC 4/12-G-7,62	1804894	50	91.42



Technical data

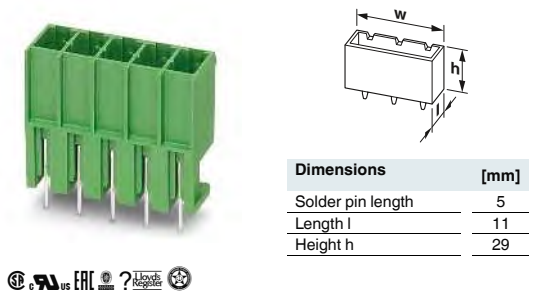
Connection system / type of contact		POWER COMBICON 4 / Male connector without		
Locking				
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	20 / -		
Surge voltage category/degree of pollution		III/3	III/2	II/2
Rated insulation voltage	[V]	400	630	630
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 30	300 / 30	-
AWG		-	-	-
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 20	300 / 20	-
AWG		-	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 4 mm² (AWG 12)

PCB headers, Pitch: 7.62 mm

PCV 4/...-G, Linear pinning



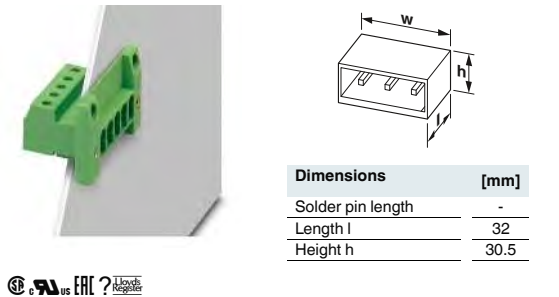
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PCV 4/ 2-G-7,62	1804687	50	15.2
3	PCV 4/ 3-G-7,62	1804690	50	22.82
4	PCV 4/ 4-G-7,62	1804700	50	30.44
5	PCV 4/ 5-G-7,62	1804713	50	38.06
6	PCV 4/ 6-G-7,62	1804726	50	45.68
7	PCV 4/ 7-G-7,62	1804739	50	53.3
8	PCV 4/ 8-G-7,62	1804742	50	60.92
9	PCV 4/ 9-G-7,62	1804755	50	68.54
10	PCV 4/10-G-7,62	1804768	50	76.16
11	PCV 4/11-G-7,62	1804771	50	83.78
12	PCV 4/12-G-7,62	1804784	50	91.4



Technical data			
Connection system / type of contact		POWER COMBICON 4 / Male connector	
Locking		without	
Electrical parameters			
Rated current / conductor cross section		20 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage		400	630
Rated surge voltage		6	6
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current		300 / 30	300 / 30
AWG		-	-
Approval data (CSA)			
Use Group		B	C
Nominal voltage/current		300 / 20	300 / 20
AWG		-	-
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Feed-through header, Screw connection with tension sleeve, Pitch: 7.62 mm

DFK-PC 4/...-GF



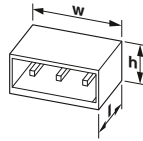
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DFK-PC 4/ 2-GF-7,62	1840557	50	36.86
3	DFK-PC 4/ 3-GF-7,62	1840560	50	44.48
4	DFK-PC 4/ 4-GF-7,62	1840573	50	52.1
5	DFK-PC 4/ 5-GF-7,62	1840586	50	59.72
6	DFK-PC 4/ 6-GF-7,62	1840599	50	67.34
7	DFK-PC 4/ 7-GF-7,62	1840609	50	74.96
8	DFK-PC 4/ 8-GF-7,62	1840612	50	82.58
9	DFK-PC 4/ 9-GF-7,62	1840625	50	90.2
10	DFK-PC 4/10-GF-7,62	1840638	50	97.82
11	DFK-PC 4/11-GF-7,62	1840641	50	105.44
12	DFK-PC 4/12-GF-7,62	1840654	50	113.06



Technical data			
Connection system / type of contact		POWER COMBICON 4 / Male connector	
Locking		Threaded flange	
Electrical parameters			
Rated current / conductor cross section		20 / 4	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage		400	630
Rated surge voltage		6	6
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current		300 / 35	300 / 35
AWG		30-10	30-10
Approval data (CSA)			
Use Group		B	C
Nominal voltage/current		300 / 20	300 / 20
AWG		28-10	28-10
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Feed-through header, Solder/Slip-on connection, Pitch: 7.62 mm

DFK-PC 4/-G -FS4,8



Dimensions	[mm]
Solder pin length	-
Length l	37.35
Height h	14.3



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DFK-PC 4/ 2-G-7,62-FS4,8	1861154	50	30.46
3	DFK-PC 4/ 3-G-7,62-FS4,8	1861167	50	38.08
4	DFK-PC 4/ 4-G-7,62-FS4,8	1861170	50	45.7
5	DFK-PC 4/ 5-G-7,62-FS4,8	1861183	50	53.32
6	DFK-PC 4/ 6-G-7,62-FS4,8	1861196	50	60.94
7	DFK-PC 4/ 7-G-7,62-FS4,8	1861206	50	68.56
8	DFK-PC 4/ 8-G-7,62-FS4,8	1861219	50	76.18
9	DFK-PC 4/ 9-G-7,62-FS4,8	1861222	50	83.8
10	DFK-PC 4/10-G-7,62-FS4,8	1861235	50	91.42
11	DFK-PC 4/11-G-7,62-FS4,8	1861248	50	99.04
12	DFK-PC 4/12-G-7,62-FS4,8	1861251	50	106.66

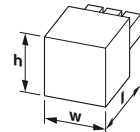


Technical data

Connection system / type of contact		POWER COMBICON 4 / Male connector		
Locking		without		
Electrical parameters				
Rated current / conductor cross section		[A] / [mm²]	15 / 4	
Surge voltage category/degree of pollution			III/3	III / 2 II / 2
Rated insulation voltage		[V]	400	400 800
Rated surge voltage		[kV]	6	6 6
Approval data (UL/CUL)				
Use Group			B	C D
Nominal voltage/current		[V] / [A]	300 / 20	300 / 20 -
AWG			-	- -
Approval data (CSA)				
Use Group			B	C D
Nominal voltage/current		[V] / [A]	300 / 20	300 / 20 -
AWG			-	- -
General data				
Type of insulation material / insulation material group			PA / I	
Inflammability class in acc. with UL 94			V2	

DIN rail connector, Screw connection with tension sleeve, Pitch: 7.62 mm

PCVK 4



Dimensions	[mm]
Length l	41.2
Height h	37



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	PCVK 4-7,62	1849998	50	7.62
1	PCVK 4-7,62-F	1850000	50	7.62



Technical data

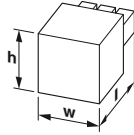
Connection system / type of contact		POWER COMBICON 4 / Male connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 4 / 0.2 - 4		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 4		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 4		
2 conductors with same cross section solid / stranded	[mm²]	0.25 - 2.5 / 0.25 - 2.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 1.5		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 2.5		
Conductor cross section AWG/kcmil		24 - 12		
Stripping length	[mm]	10		
Tightening torque	[Nm]	0.5 - 0.6		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	20 / 4		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	500	630	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 20	300 / 20	600 / 5
AWG		30-10	30-10	30-10
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 20	300 / 20	-
AWG		28-10	28-10	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 6 mm² (AWG 10)

PCB plug, Screw connection with tension sleeve, Pitch: 7.62 mm

PC 5/...-ST1



Dimensions	[mm]
Length l	35.25
Height h	19.7



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PC 5/ 2-ST1-7,62	1777723	50	15.19
3	PC 5/ 3-ST1-7,62	1777736	50	22.81
4	PC 5/ 4-ST1-7,62	1777749	50	30.43
5	PC 5/ 5-ST1-7,62	1777752	50	38.05
6	PC 5/ 6-ST1-7,62	1777765	50	45.67
7	PC 5/ 7-ST1-7,62	1777778	50	53.29
8	PC 5/ 8-ST1-7,62	1777781	50	60.91
9	PC 5/ 9-ST1-7,62	1777794	50	68.53
10	PC 5/10-ST1-7,62	1777804	50	76.15
11	PC 5/11-ST1-7,62	1777817	50	83.77
12	PC 5/12-ST1-7,62	1777820	50	91.39

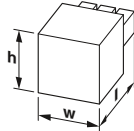


Technical data

Connection system / type of contact		POWER COMBICON 5 / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 10 / 0.2 - 6		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 6		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 4		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 4		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1.5		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
Conductor cross section AWG/kcmil		24 - 10		
Stripping length	[mm]	10		
Tightening torque	[Nm]	0.5 - 0.8		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	41 / 10		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 41	600 / 41	-
AWG		24-8	24-8	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 7.62 mm

PC 5/...-STF1-SH



Dimensions	[mm]
Length l	77.75
Height h	22.9



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PC 5/ 2-STF-SH1-7,62	1778175	50	15.24
3	PC 5/ 3-STF-SH1-7,62	1778188	50	30.46
4	PC 5/ 4-STF-SH1-7,62	1778191	50	38.08
7	PC 5/ 7-STF-SH1-7,62	1778201	50	60.94

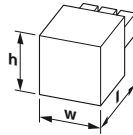


Technical data

Connection system / type of contact		POWER COMBICON 5 / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 10 / 0.2 - 6		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 6		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 4		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 4		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1.5		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
Conductor cross section AWG/kcmil		24 - 10		
Stripping length	[mm]	10		
Tightening torque	[Nm]	0.7 - 0.8		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	41 / 10		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 41	600 / 41	-
AWG		24-8	24-8	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 7.62 mm

PC 5/...STCL



Dimensions	[mm]
Length l	36.5
Height h	22.9

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PC 5/ 2-STCL-7,62	1718371	50	15.24
3	PC 5/ 3-STCL-7,62	1718384	50	22.86
4	PC 5/ 4-STCL-7,62	1718397	50	30.48
5	PC 5/ 5-STCL-7,62	1718407	50	38.1
6	PC 5/ 6-STCL-7,62	1718410	50	45.72
7	PC 5/ 7-STCL-7,62	1718423	50	53.34
8	PC 5/ 8-STCL-7,62	1718436	50	60.96
9	PC 5/ 9-STCL-7,62	1718449	50	68.58
10	PC 5/10-STCL-7,62	1718452	50	76.2
11	PC 5/11-STCL-7,62	1718465	50	83.82
12	PC 5/12-STCL-7,62	1718478	50	91.44

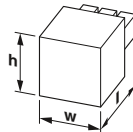


Technical data

Connection system / type of contact		- / -		
Locking		Click & Lock latching slide		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 10 / 0.2 - 6		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 6		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 4		
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 4		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 1.5		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
Conductor cross section AWG/kcmil		24 - 10		
Stripping length	[mm]	-		
Tightening torque	[Nm]	0.7 - 0.8		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	41 / 10		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	6
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 7.62 mm

IPC 5/...ST



Dimensions	[mm]
Length l	36.55
Height h	22.9

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	IPC 5/ 2-ST-7,62	1709047	50	15.24
3	IPC 5/ 3-ST-7,62	1709050	50	22.86
4	IPC 5/ 4-ST-7,62	1709063	50	30.48
5	IPC 5/ 5-ST-7,62	1709076	50	38.1
6	IPC 5/ 6-ST-7,62	1709089	50	45.72
7	IPC 5/ 7-ST-7,62	1709092	50	53.34
8	IPC 5/ 8-ST-7,62	1709102	50	60.96
9	IPC 5/ 9-ST-7,62	1709115	50	68.58
10	IPC 5/10-ST-7,62	1709128	50	76.2
11	IPC 5/11-ST-7,62	1709131	50	83.82
12	IPC 5/12-ST-7,62	1709144	50	91.44



Technical data

Connection system / type of contact		POWER COMBICON 5 / Male connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 10 / 0.2 - 6		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 6		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 4		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 4		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1.5		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
Conductor cross section AWG/kcmil		24 - 10		
Stripping length	[mm]	10		
Tightening torque	[Nm]	0.7 - 0.8		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	41 / 10		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 41	600 / 41	-
AWG		24-8	24-8	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

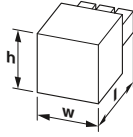


PCB connectors

Conductor cross section up to 6 mm² (AWG 10)

PCB plug, Screw connection with tension sleeve, Pitch: 7.62 mm

IPC 5/...STF



Dimensions	[mm]
Length l	36.55
Height h	22.9



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	IPC 5/ 2-STF-7,62	1709157	50	15.24
3	IPC 5/ 3-STF-7,62	1709160	50	22.86
4	IPC 5/ 4-STF-7,62	1709173	50	30.48
5	IPC 5/ 5-STF-7,62	1709186	50	38.1
6	IPC 5/ 6-STF-7,62	1709199	50	45.72
7	IPC 5/ 7-STF-7,62	1709209	50	53.34
8	IPC 5/ 8-STF-7,62	1709212	50	60.96
9	IPC 5/ 9-STF-7,62	1709225	50	68.58
10	IPC 5/10-STF-7,62	1709238	50	76.2
11	IPC 5/11-STF-7,62	1709241	50	83.82
12	IPC 5/12-STF-7,62	1709254	50	91.44

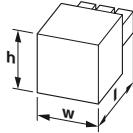


Technical data

Connection system / type of contact		POWER COMBICON 5 / Male connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 10 / 0.2 - 6		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 6		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 4		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 4		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1.5		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
Conductor cross section AWG/kcmil		24 - 10		
Stripping length	[mm]	10		
Tightening torque	[Nm]	0.7 - 0.8		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	41 / 10		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 41	600 / 41	-
AWG		24-8	24-8	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 7.62 mm

IPC 5/...STGCL



Dimensions	[mm]
Length l	36.55
Height h	22.9



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	IPC 5/ 2-STGCL-7,62	1718261	50	18.04
3	IPC 5/ 3-STGCL-7,62	1718274	50	25.66
4	IPC 5/ 4-STGCL-7,62	1718287	50	33.28
5	IPC 5/ 5-STGCL-7,62	1718290	50	40.9
6	IPC 5/ 6-STGCL-7,62	1718300	50	48.52
7	IPC 5/ 7-STGCL-7,62	1718313	50	56.14
8	IPC 5/ 8-STGCL-7,62	1718326	50	63.76
9	IPC 5/ 9-STGCL-7,62	1718339	50	71.36
10	IPC 5/10-STGCL-7,62	1718342	50	79
11	IPC 5/11-STGCL-7,62	1718355	50	86.62
12	IPC 5/12-STGCL-7,62	1718368	50	94.24

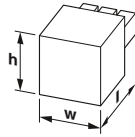


Technical data

Connection system / type of contact		POWER COMBICON 5 / Male connector		
Locking		Click & Lock latching slide		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 10 / 0.2 - 6		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 6		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 4		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 4		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1.5		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
Conductor cross section AWG/kcmil		24 - 10		
Stripping length	[mm]	10		
Tightening torque	[Nm]	0.7 - 0.8		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	41 / 10		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 41	600 / 41	-
AWG		24-8	24-8	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 7.62 mm

IPC 5/...-STF-SH



Dimensions	[mm]
Length l	64
Height h	22.9



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
4	IPC 5/ 4-STF-SH-7,62	1709380	50	45.7

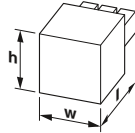


Technical data

Connection system / type of contact		POWER COMBICON 5 / Male connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 10 / 0.2 - 6		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 6		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 4		
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 4		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 1.5		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
Conductor cross section AWG/kcmil		24 - 10		
Stripping length	[mm]	10		
Tightening torque	[Nm]	0.7 - 0.8		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	41 / 10		
Surge voltage category/degree of pollution		III / 3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 41	600 / 41	-
AWG		24-8	24-8	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 7.62 mm

IPC 5/...-STGF-SH

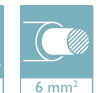


Dimensions	[mm]
Length l	64
Height h	22.9



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
4	IPC 5/ 4-STGF-SH-7,62	1709377	50	45.7



Technical data

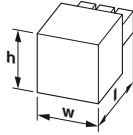
Connection system / type of contact		POWER COMBICON 5 / Male connector		
Locking		Threaded flange		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 10 / 0.2 - 6		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 6		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 4		
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 2.5 / 0.2 - 4		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 1.5		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
Conductor cross section AWG/kcmil		24 - 10		
Stripping length	[mm]	10		
Tightening torque	[Nm]	0.7 - 0.8		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	41 / 10		
Surge voltage category/degree of pollution		III / 3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 41	600 / 41	-
AWG		24-8	24-8	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 6 mm² (AWG 10)

PCB plug, Push-in spring connection, Pitch: 7.62 mm

SPC 5/...-ST



Dimensions	[mm]
Length l	38.5
Height h	19.8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPC 5/ 2-ST-7,62	1996016	50	15.24
3	SPC 5/ 3-ST-7,62	1996029	50	22.86
4	SPC 5/ 4-ST-7,62	1996032	50	30.48
5	SPC 5/ 5-ST-7,62	1996045	50	38.1
6	SPC 5/ 6-ST-7,62	1996058	50	45.72
7	SPC 5/ 7-ST-7,62	1996061	50	53.34
8	SPC 5/ 8-ST-7,62	1996074	50	60.96
9	SPC 5/ 9-ST-7,62	1996087	50	68.58
10	SPC 5/10-ST-7,62	1996090	50	76.2
11	SPC 5/11-ST-7,62	1996100	50	83.82
12	SPC 5/12-ST-7,62	1996113	50	91.44

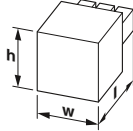


Technical data

Connection system / type of contact		POWER COMBICON 5 / Female connector without		
Locking				
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 10 / 0.2 - 6		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 6		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 4		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.25 - 1.5		
Conductor cross section AWG/kcmil		24 - 8		
Stripping length	[mm]	15		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	41 / 10		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 35	600 / 35	-
AWG		24-8	24-8	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 7.62 mm

SPC 5/...-STF



Dimensions	[mm]
Length l	38.5
Height h	19.8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPC 5/ 2-STF-7,62	1996126	50	30.46
3	SPC 5/ 3-STF-7,62	1996139	50	38.08
4	SPC 5/ 4-STF-7,62	1996142	50	45.7
5	SPC 5/ 5-STF-7,62	1996155	50	53.32
6	SPC 5/ 6-STF-7,62	1996168	50	60.94
7	SPC 5/ 7-STF-7,62	1996171	50	68.56
8	SPC 5/ 8-STF-7,62	1996184	50	76.18
9	SPC 5/ 9-STF-7,62	1996197	50	83.8
10	SPC 5/10-STF-7,62	1996207	50	91.42
11	SPC 5/11-STF-7,62	1996210	50	99.04
12	SPC 5/12-STF-7,62	1996223	50	106.66

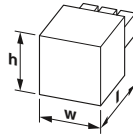


Technical data

Connection system / type of contact		POWER COMBICON 5 / Female connector Screw flange		
Locking				
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 10 / 0.2 - 6		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 6		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 4		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.25 - 1.5		
Conductor cross section AWG/kcmil		24 - 8		
Stripping length	[mm]	15		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	41 / 10		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 35	600 / 35	-
AWG		24-8	24-8	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 7.62 mm

SPC 5/...-STCL



Dimensions	[mm]
Length l	38.45
Height h	19.8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPC 5/ 2-STCL-7,62	1718481	50	23.24
3	SPC 5/ 3-STCL-7,62	1718494	50	30.86
4	SPC 5/ 4-STCL-7,62	1718504	50	38.48
5	SPC 5/ 5-STCL-7,62	1718517	50	46.1
6	SPC 5/ 6-STCL-7,62	1718520	50	53.72
7	SPC 5/ 7-STCL-7,62	1718533	50	61.34
8	SPC 5/ 8-STCL-7,62	1718546	50	68.96
9	SPC 5/ 9-STCL-7,62	1718559	50	76.58
10	SPC 5/10-STCL-7,62	1718562	50	84.2
11	SPC 5/11-STCL-7,62	1718575	50	91.82
12	SPC 5/12-STCL-7,62	1718588	50	99.44

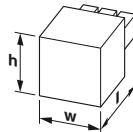


Technical data

Connection system / type of contact		POWER COMBICON 5 / Female connector		
Locking		Click & Lock latching slide		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 10 / 0.2 - 6		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 6		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 4		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.25 - 1.5		
Conductor cross section AWG/kcmil		24 - 8		
Stripping length	[mm]	15		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	41 / 10		
Surge voltage category/degree of pollution		III / 3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 35	600 / 35	-
AWG		24-8	24-8	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 7.62 mm

SPC 5/...-STF-SH

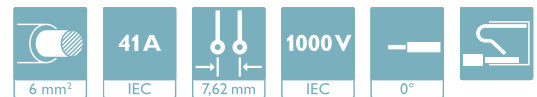


Dimensions	[mm]
Length l	78.7
Height h	21.4



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
4	SPC 5/ 4-STF-SH-7,62	1704071	50	30.46



Technical data

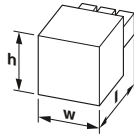
Connection system / type of contact		POWER COMBICON 5 / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 10 / 0.2 - 6		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 6		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 4		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.25 - 1.5		
Conductor cross section AWG/kcmil		24 - 8		
Stripping length	[mm]	15		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	41 / 10		
Surge voltage category/degree of pollution		III / 3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 35	600 / 35	-
AWG		24-8	24-8	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 6 mm² (AWG 10)

PCB plug, Push-in spring connection, Pitch: 7.62 mm

TSPC 5/...-ST



Dimensions	[mm]
Length l	41.45
Height h	35.05



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	TSPC 5/ 2-ST-7,62	1728455	50	15.24
3	TSPC 5/ 3-ST-7,62	1728468	50	22.86
4	TSPC 5/ 4-ST-7,62	1728471	50	30.48
5	TSPC 5/ 5-ST-7,62	1728484	50	38.1
6	TSPC 5/ 6-ST-7,62	1728497	25	45.72
7	TSPC 5/ 7-ST-7,62	1728507	25	53.34
8	TSPC 5/ 8-ST-7,62	1728510	25	60.96
9	TSPC 5/ 9-ST-7,62	1728523	25	68.58
10	TSPC 5/10-ST-7,62	1728536	25	76.2
11	TSPC 5/11-ST-7,62	1728549	25	83.82
12	TSPC 5/12-ST-7,62	1728552	25	91.44

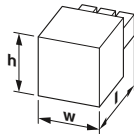


Technical data

Connection system / type of contact		POWER COMBICON 5 / Female connector without		
Locking				
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 10 / 0.2 - 6		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 6		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 4		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.25 - 1.5		
Conductor cross section AWG/kcmil		24 - 8		
Stripping length	[mm]	15		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	41 / 10		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 31	600 / 31	-
AWG		24-8	24-8	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 7.62 mm

TSPC 5/...-STF



Dimensions	[mm]
Length l	41.45
Height h	35.05



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	TSPC 5/ 2-STF-7,62	1728206	50	30.46
3	TSPC 5/ 3-STF-7,62	1728219	50	38.08
4	TSPC 5/ 4-STF-7,62	1728222	50	45.7
5	TSPC 5/ 5-STF-7,62	1728235	50	53.32
6	TSPC 5/ 6-STF-7,62	1728248	25	60.94
7	TSPC 5/ 7-STF-7,62	1728251	25	68.56
8	TSPC 5/ 8-STF-7,62	1728264	25	76.18
9	TSPC 5/ 9-STF-7,62	1728277	25	83.8
10	TSPC 5/10-STF-7,62	1728280	25	91.42
11	TSPC 5/11-STF-7,62	1728293	25	99.04
12	TSPC 5/12-STF-7,62	1728303	25	106.66

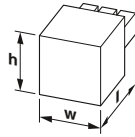


Technical data

Connection system / type of contact		POWER COMBICON 5 / Female connector Screw flange		
Locking				
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 10 / 0.2 - 6		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 6		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 4		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.25 - 1.5		
Conductor cross section AWG/kcmil		24 - 8		
Stripping length	[mm]	15		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	41 / 10		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 31	600 / 31	-
AWG		24-8	24-8	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 7.62 mm

TSPC 5/...-STCL



Dimensions	[mm]
Length l	41.45
Height h	35.05



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	TSPC 5/ 2-STCL-7,62	1765418	10	23.24
3	TSPC 5/ 3-STCL-7,62	1765421	10	30.86
4	TSPC 5/ 4-STCL-7,62	1765434	10	38.48
5	TSPC 5/ 5-STCL-7,62	1765447	10	46.1
6	TSPC 5/ 6-STCL-7,62	1765450	10	53.72
7	TSPC 5/ 7-STCL-7,62	1765463	10	61.34
8	TSPC 5/ 8-STCL-7,62	1765476	10	68.96
9	TSPC 5/ 9-STCL-7,62	1765489	10	76.58
10	TSPC 5/10-STCL-7,62	1765492	10	84.2
11	TSPC 5/11-STCL-7,62	1765502	10	91.82
12	TSPC 5/12-STCL-7,62	1765515	10	99.44

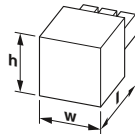


Technical data

Connection system / type of contact		POWER COMBICON 5 / Female connector		
Locking		Click & Lock latching slide		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 10 / 0.2 - 6		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 6		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 4		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.25 - 1.5		
Conductor cross section AWG/kcmil		24 - 8		
Stripping length	[mm]	15		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	41 / 10		
Surge voltage category/degree of pollution		III/3	III/2	II/2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 31	600 / 31	-
AWG		24-8	24-8	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 7.62 mm

ISPC 5/...-STGCL



Dimensions	[mm]
Length l	40.5
Height h	19.8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	ISPC 5/ 2-STGCL-7,62	1748862	50	18.04
3	ISPC 5/ 3-STGCL-7,62	1748875	50	25.66
4	ISPC 5/ 4-STGCL-7,62	1748888	50	33.28
5	ISPC 5/ 5-STGCL-7,62	1748891	50	40.9
6	ISPC 5/ 6-STGCL-7,62	1748901	50	48.52
7	ISPC 5/ 7-STGCL-7,62	1748914	50	56.14
8	ISPC 5/ 8-STGCL-7,62	1748927	50	63.76
9	ISPC 5/ 9-STGCL-7,62	1748930	50	71.38
10	ISPC 5/10-STGCL-7,62	1748943	50	79
11	ISPC 5/11-STGCL-7,62	1748956	50	86.62
12	ISPC 5/12-STGCL-7,62	1748969	50	94.24



Technical data

Connection system / type of contact		POWER COMBICON 5 / Male connector		
Locking		Click & Lock latching window		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 10 / 0.2 - 6		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 6		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 4		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.25 - 1.5		
Conductor cross section AWG/kcmil		24 - 8		
Stripping length	[mm]	15		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	41 / 10		
Surge voltage category/degree of pollution		III/3	III/2	II/2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 35	600 / 35	-
AWG		24-8	24-8	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors
Conductor cross section up to 6 mm² (AWG 10)

PCB headers, Pitch: 7.62 mm

PC 5/...-G, Linear three-way pinning

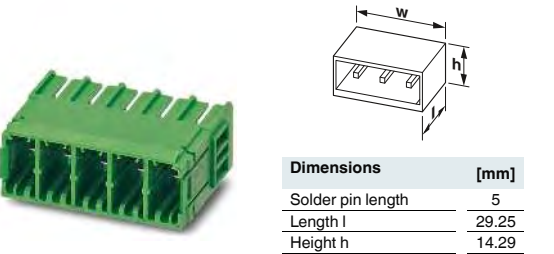


Table with 2 columns: Dimensions, [mm]. Rows include Solder pin length (5), Length l (29.25), and Height h (14.29).



Ordering data table with 5 columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-12 list various PC 5/...-G models with their respective order numbers and widths.



Technical data table for POWER COMBICON 5 / Male connector without. Includes sections for Connection system, Locking, Electrical parameters (Rated current, Surge voltage, etc.), Approval data, and General data.

PCB headers, Pitch: 7.62 mm

PC 5/...-GF, Linear three-way pinning

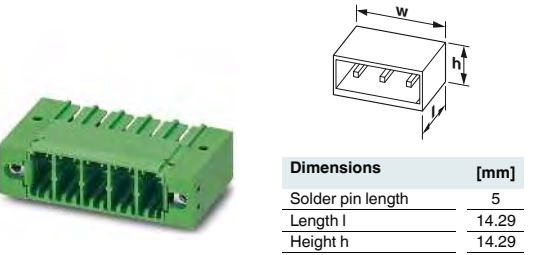


Table with 2 columns: Dimensions, [mm]. Rows include Solder pin length (5), Length l (14.29), and Height h (14.29).



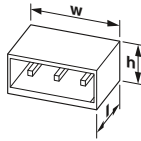
Ordering data table with 5 columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-12 list various PC 5/...-GF models with their respective order numbers and widths.



Technical data table for POWER COMBICON 5 / Male connector Threaded flange. Includes sections for Connection system, Locking, Electrical parameters, Approval data, and General data.

PCB headers, Pitch: 7.62 mm

PC 5/...-GSF, Linear three-way pinning



Dimensions	[mm]
Solder pin length	5
Length l	29.25
Height h	14.29



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
5	PC 5/ 2-GSF-7,62	1711654	50	27.74
3	PC 5/ 3-GSF-7,62	1707924	50	35.36
4	PC 5/ 4-GSF-7,62	1707925	50	42.98
5	PC 5/ 5-GSF-7,62	1711655	50	50.6
6	PC 5/ 6-GSF-7,62	1710204	50	58.22

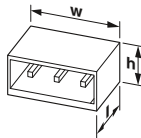


Technical data

Connection system / type of contact	POWER COMBICON 5 / Male connector		
Locking	-		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	41 / -	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	-	630 1000
Rated surge voltage	[kV]	6	6 6
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 41	150 / 41 150 / 10
AWG		-	- -
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

PCB headers, Pitch: 7.62 mm

PC 5/...-GU, Linear three-way pinning



Dimensions	[mm]
Solder pin length	4.2
Length l	29.25
Height h	13.54



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PC 5/ 2-GU-7,62	1720686	50	18.04
3	PC 5/ 3-GU-7,62	1720699	50	25.66
4	PC 5/ 4-GU-7,62	1720709	50	33.28
5	PC 5/ 5-GU-7,62	1720712	50	40.9
6	PC 5/ 6-GU-7,62	1720725	50	48.52
7	PC 5/ 7-GU-7,62	1720738	50	56.14
8	PC 5/ 8-GU-7,62	1720741	50	63.76
9	PC 5/ 9-GU-7,62	1720754	50	71.38
10	PC 5/10-GU-7,62	1720767	50	79
11	PC 5/11-GU-7,62	1720770	50	86.62
12	PC 5/12-GU-7,62	1720783	50	94.24



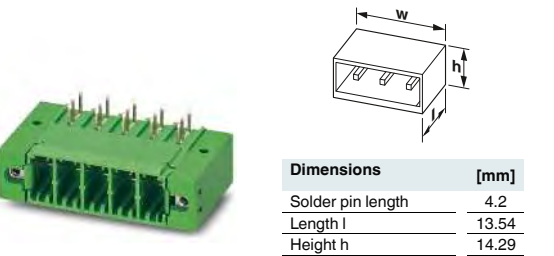
Technical data

Connection system / type of contact	POWER COMBICON 5 / Male connector		
Locking	without		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	41 / -	
Surge voltage category/degree of pollution		III/3	III / 2 II / 2
Rated insulation voltage	[V]	630	630 1000
Rated surge voltage	[kV]	6	6 6
Approval data (UL/CUL)			
Use Group		B	C D
Nominal voltage/current	[V] / [A]	300 / 41	150 / 41 600 / 5
AWG		-	- -
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

PCB connectors
Conductor cross section up to 6 mm² (AWG 10)

PCB headers, Pitch: 7.62 mm

PC 5/-GFU, Linear three-way pinning



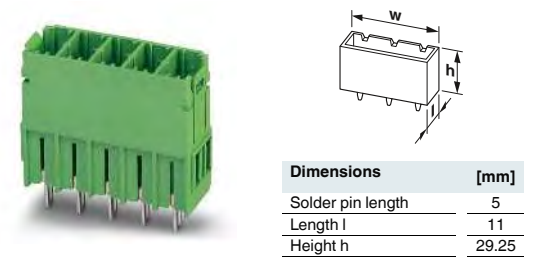
Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2 to 12 showing various PC 5/-GFU-7,62 models.



Technical data table for PC 5/-GFU connector. Includes connection system, locking, electrical parameters (rated current, surge voltage, insulation voltage), approval data (UL/CUL), and general data (insulation material, flammability class).

PCB headers, Pitch: 7.62 mm

PCV 5/-G, Linear pinning



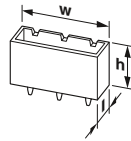
Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2 to 12 showing various PCV 5/-G-7,62 models.



Technical data table for PCV 5/-G connector. Includes connection system, locking, electrical parameters (rated current, surge voltage, insulation voltage), approval data (UL/CUL), and general data (insulation material, flammability class).

PCB headers, Pitch: 7.62 mm

PCV 5/...-GF, Linear pinning



Dimensions	[mm]
Solder pin length	4.26
Length l	11
Height h	29.25



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PCV 5/ 2-GF-7,62	1720903	50	31.34
3	PCV 5/ 3-GF-7,62	1720916	50	38.96
4	PCV 5/ 4-GF-7,62	1720929	50	46.58
5	PCV 5/ 5-GF-7,62	1720932	50	54.2
6	PCV 5/ 6-GF-7,62	1720945	50	61.82
7	PCV 5/ 7-GF-7,62	1720958	50	69.44
8	PCV 5/ 8-GF-7,62	1720961	50	77.06
9	PCV 5/ 9-GF-7,62	1720974	50	84.68
10	PCV 5/10-GF-7,62	1720987	50	92.3
11	PCV 5/11-GF-7,62	1720990	50	99.92
12	PCV 5/12-GF-7,62	1721009	50	107.54

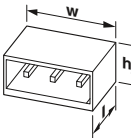


Technical data

Connection system / type of contact		POWER COMBICON 5 / Male connector		
Locking		Threaded flange		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	41 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	630	630	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 41	150 / 41	600 / 5
AWG		-	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB headers, Pitch: 7.62 mm

IPC 5/...-G, Linear pinning



Dimensions	[mm]
Solder pin length	5
Length l	30.1
Height h	12.8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	IPC 5/ 2-G-7,62	1708381	50	15.24
3	IPC 5/ 3-G-7,62	1708394	50	22.86
4	IPC 5/ 4-G-7,62	1708404	50	30.48
5	IPC 5/ 5-G-7,62	1708417	50	38.1
6	IPC 5/ 6-G-7,62	1708420	50	45.72
7	IPC 5/ 7-G-7,62	1708433	50	53.34
8	IPC 5/ 8-G-7,62	1708446	50	60.96
9	IPC 5/ 9-G-7,62	1708459	50	68.58
10	IPC 5/10-G-7,62	1708462	50	76.2
11	IPC 5/11-G-7,62	1708475	50	83.82
12	IPC 5/12-G-7,62	1708488	50	91.44



Technical data

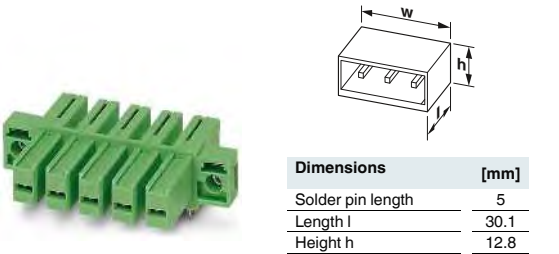
Connection system / type of contact		POWER COMBICON 5 / Female connector		
Locking		without		
Electrical parameters				
Rated current / conductor cross section		[A]	41 / -	
Surge voltage category/degree of pollution			III/3	III / 2 II / 2
Rated insulation voltage		[V]	630	630 1000
Rated surge voltage		[kV]	6	6 6
Approval data (UL/CUL)				
Use Group			B	C D
Nominal voltage/current		[V] / [A]	300 / 41	300 / 41 600 / 5
AWG			-	-
General data				
Type of insulation material / insulation material group			PA / I	
Inflammability class in acc. with UL 94			V0	

PCB connectors

Conductor cross section up to 6 mm² (AWG 10)

PCB headers, Pitch: 7.62 mm

IPC 5/...-GF, Linear pinning



Dimensions	[mm]
Solder pin length	5
Length l	30.1
Height h	12.8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	IPC 5/ 2-GF-7,62	1708491	50	30.44
3	IPC 5/ 3-GF-7,62	1708501	50	38.06
4	IPC 5/ 4-GF-7,62	1708514	50	45.68
5	IPC 5/ 5-GF-7,62	1708527	50	53.3
6	IPC 5/ 6-GF-7,62	1708530	50	60.92
7	IPC 5/ 7-GF-7,62	1708543	50	68.54
8	IPC 5/ 8-GF-7,62	1708556	50	76.16
9	IPC 5/ 9-GF-7,62	1708569	50	83.78
10	IPC 5/10-GF-7,62	1708572	50	91.4
11	IPC 5/11-GF-7,62	1708585	50	99.02
12	IPC 5/12-GF-7,62	1708598	50	106.64

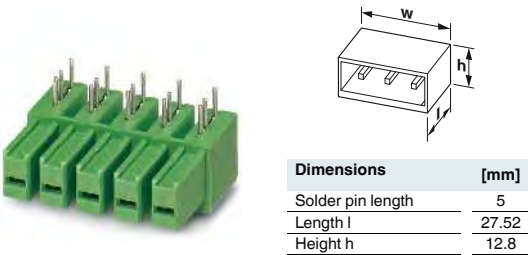


Technical data

Connection system / type of contact	POWER COMBICON 5 / Female connector		
Locking	Threaded flange		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	41 / -	
Surge voltage category/degree of pollution		III / 3	III / 2
Rated insulation voltage	[V]	630	630
Rated surge voltage	[kV]	6	6
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 41	300 / 41
AWG		-	-
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

PCB headers, Pitch: 7.62 mm

IPC 5/...-GU, Linear pinning



Dimensions	[mm]
Solder pin length	5
Length l	27.52
Height h	12.8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
3	IPC 5/ 3-GU-7,62	1708611	50	22.86
4	IPC 5/ 4-GU-7,62	1708624	50	30.48
5	IPC 5/ 5-GU-7,62	1708637	50	38.1
6	IPC 5/ 6-GU-7,62	1708640	50	45.72
7	IPC 5/ 7-GU-7,62	1708653	50	53.34
8	IPC 5/ 8-GU-7,62	1708666	50	60.96
9	IPC 5/ 9-GU-7,62	1708679	50	68.58
10	IPC 5/10-GU-7,62	1708682	50	76.2
11	IPC 5/11-GU-7,62	1708695	50	83.82
12	IPC 5/12-GU-7,62	1708705	50	91.44

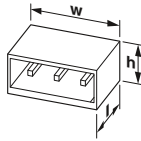


Technical data

Connection system / type of contact	POWER COMBICON 5 / Female connector		
Locking	without		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	41 / -	
Surge voltage category/degree of pollution		III / 3	III / 2
Rated insulation voltage	[V]	630	630
Rated surge voltage	[kV]	6	6
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 41	300 / 41
AWG		-	-
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

PCB headers, Pitch: 7.62 mm

IPC 5/...-GFU, Linear pinning



Dimensions	[mm]
Solder pin length	5
Length l	30.1
Height h	12.8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	IPC 5/ 2-GFU-7,62	1708718	50	15.24
3	IPC 5/ 3-GFU-7,62	1708721	50	22.86
4	IPC 5/ 4-GFU-7,62	1708734	50	30.48
5	IPC 5/ 5-GFU-7,62	1708747	50	38.1
6	IPC 5/ 6-GFU-7,62	1708750	50	45.72
7	IPC 5/ 7-GFU-7,62	1708763	50	53.34
8	IPC 5/ 8-GFU-7,62	1708776	50	60.96
9	IPC 5/ 9-GFU-7,62	1708789	50	68.58
10	IPC 5/10-GFU-7,62	1708792	50	76.2
11	IPC 5/11-GFU-7,62	1708802	50	83.82
12	IPC 5/12-GFU-7,62	1708815	50	91.44

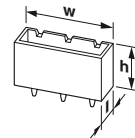


Technical data

Connection system / type of contact		POWER COMBICON 5 / Female connector		
Locking		Threaded flange		
Electrical parameters				
Rated current / conductor cross section		41 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage		630	630	1000
Rated surge voltage		6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current		300 / 41	300 / 41	600 / 5
AWG		-	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB headers, Pitch: 7.62 mm

IPCV 5/...-G, Linear pinning



Dimensions	[mm]
Solder pin length	5
Length l	12.8
Height h	30.1



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	IPCV 5/ 2-G-7,62	1708828	50	15.24
3	IPCV 5/ 3-G-7,62	1708831	50	22.86
4	IPCV 5/ 4-G-7,62	1708844	50	30.48
5	IPCV 5/ 5-G-7,62	1708857	50	38.1
6	IPCV 5/ 6-G-7,62	1708860	50	45.72
7	IPCV 5/ 7-G-7,62	1708873	50	53.34
8	IPCV 5/ 8-G-7,62	1708886	50	60.96
9	IPCV 5/ 9-G-7,62	1708899	50	68.58
10	IPCV 5/10-G-7,62	1708909	50	76.2
11	IPCV 5/11-G-7,62	1708912	50	83.82
12	IPCV 5/12-G-7,62	1708925	50	91.44



Technical data

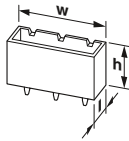
Connection system / type of contact		POWER COMBICON 5 / Female connector			
Locking		without			
Electrical parameters					
Rated current / conductor cross section		[A] / [mm²]	41 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2	
Rated insulation voltage		[V]	630	630	1000
Rated surge voltage		[kV]	6	6	6
Approval data (UL/CUL)					
Use Group		B	C	D	
Nominal voltage/current		[V] / [A]	300 / 41	300 / 41	600 / 5
AWG			-	-	-
General data					
Type of insulation material / insulation material group		PA / I			
Inflammability class in acc. with UL 94		V0			

PCB connectors

Conductor cross section up to 6 mm² (AWG 10)

PCB headers, Pitch: 7.62 mm

IPC 5/-GF, Linear pinning



Dimensions	[mm]
Solder pin length	5
Length l	12.8
Height h	30.1



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	IPC 5/ 2-GF-7,62	1708938	50	30.46
3	IPC 5/ 3-GF-7,62	1708941	50	38.08
4	IPC 5/ 4-GF-7,62	1708954	50	45.7
5	IPC 5/ 5-GF-7,62	1708967	50	53.32
6	IPC 5/ 6-GF-7,62	1708970	50	60.94
7	IPC 5/ 7-GF-7,62	1708983	50	68.56
8	IPC 5/ 8-GF-7,62	1708996	50	76.18
9	IPC 5/ 9-GF-7,62	1709005	50	83.8
10	IPC 5/10-GF-7,62	1709018	50	91.42
11	IPC 5/11-GF-7,62	1709021	50	99.04
12	IPC 5/12-GF-7,62	1709034	50	106.66

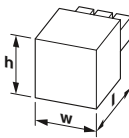


Technical data

Connection system / type of contact		POWER COMBICON 5 / Female connector			
Locking		Threaded flange			
Electrical parameters					
Rated current / conductor cross section		[A] / [mm²]	41 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2	
Rated insulation voltage		[V]	630	630	1000
Rated surge voltage		[kV]	6	6	6
Approval data (UL/CUL)					
Use Group		B	C	D	
Nominal voltage/current		[V] / [A]	300 / 41	300 / 41	600 / 5
AWG		-	-	-	
General data					
Type of insulation material / insulation material group		PA / I			
Inflammability class in acc. with UL 94		V0			

Feed-through connector, Screw connection with tension sleeve, Pitch: 7.62 mm

DFK-PC 5/...ST



Dimensions	[mm]
Length l	48.93
Height h	26.24



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DFK-PC 5/ 2-ST-7,62	1716506	10	40.74
3	DFK-PC 5/ 3-ST-7,62	1716519	10	48.36
4	DFK-PC 5/ 4-ST-7,62	1716522	10	55.98
5	DFK-PC 5/ 5-ST-7,62	1716535	10	63.6
6	DFK-PC 5/ 6-ST-7,62	1716548	10	71.22
7	DFK-PC 5/ 7-ST-7,62	1716551	10	78.84
8	DFK-PC 5/ 8-ST-7,62	1716564	10	86.46
9	DFK-PC 5/ 9-ST-7,62	1716577	10	94.08
10	DFK-PC 5/10-ST-7,62	1716580	10	101.7
11	DFK-PC 5/11-ST-7,62	1716593	10	109.32
12	DFK-PC 5/12-ST-7,62	1716603	10	116.94

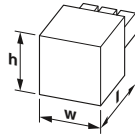


Technical data

Connection system / type of contact		POWER COMBICON 5 / Male connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 10 / 0.2 - 6		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 6		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 4		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 4		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1.5		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
Conductor cross section AWG/kcmil		24 - 10		
Stripping length	[mm]	10		
Tightening torque	[Nm]	0.7 - 0.8		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	41 / 10		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	630	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 41	600 / 41	-
AWG		24-8	24-8	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Feed-through connector, Screw connection with tension sleeve, Pitch: 7.62 mm

DFK-PC 5/...-STF



Dimensions	[mm]
Length l	48.95
Height h	26.24



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DFK-PC 5/ 2-STF-7,62	1716616	10	49.86
3	DFK-PC 5/ 3-STF-7,62	1716629	10	57.48
4	DFK-PC 5/ 4-STF-7,62	1716632	10	65.1
5	DFK-PC 5/ 5-STF-7,62	1716645	10	72.72
6	DFK-PC 5/ 6-STF-7,62	1716658	10	80.34
7	DFK-PC 5/ 7-STF-7,62	1716661	10	87.96
8	DFK-PC 5/ 8-STF-7,62	1716674	10	95.58
9	DFK-PC 5/ 9-STF-7,62	1716687	10	103.2
10	DFK-PC 5/10-STF-7,62	1716690	10	110.82
11	DFK-PC 5/11-STF-7,62	1716700	10	118.44
12	DFK-PC 5/12-STF-7,62	1716713	10	126.06

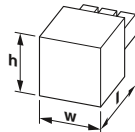


Technical data

Connection system / type of contact		POWER COMBICON 5 / Male connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 10 / 0.2 - 6		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 6		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 4		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 4		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1.5		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
Conductor cross section AWG/kcmil		24 - 10		
Stripping length	[mm]	10		
Tightening torque	[Nm]	0.7 - 0.8		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	41 / 10		
Surge voltage category/degree of pollution		III/3	III/2	II/2
Rated insulation voltage	[V]	630	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 41	600 / 41	-
AWG		24-8	24-8	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Feed-through connector, Screw connection with tension sleeve, Pitch: 7.62 mm

DFK-PC 5/...-STF-SH

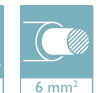


Dimensions	[mm]
Length l	48.95
Height h	26.24



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DFK-PC 5/ 2-STF-SH-7,62	1716726	10	49.86
3	DFK-PC 5/ 3-STF-SH-7,62	1716739	10	57.48
4	DFK-PC 5/ 4-STF-SH-7,62	1716742	10	65.1
5	DFK-PC 5/ 5-STF-SH-7,62	1716755	10	72.72
6	DFK-PC 5/ 6-STF-SH-7,62	1716768	10	80.34
7	DFK-PC 5/ 7-STF-SH-7,62	1716771	10	87.96
8	DFK-PC 5/ 8-STF-SH-7,62	1716784	10	95.58
9	DFK-PC 5/ 9-STF-SH-7,62	1716797	10	103.2
10	DFK-PC 5/10-STF-SH-7,62	1716807	10	110.82
11	DFK-PC 5/11-STF-SH-7,62	1716810	10	118.44
12	DFK-PC 5/12-STF-SH-7,62	1716823	10	126.06



Technical data

Connection system / type of contact		POWER COMBICON 5 / Male connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 10 / 0.2 - 6		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 6		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 4		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 4		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1.5		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
Conductor cross section AWG/kcmil		24 - 10		
Stripping length	[mm]	10		
Tightening torque	[Nm]	0.7 - 0.8		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	41 / 10		
Surge voltage category/degree of pollution		III/3	III/2	II/2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 41	600 / 41	-
AWG		24-8	24-8	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors
Conductor cross section up to 6 mm² (AWG 10)

Feed-through header, Pitch: 7.62 mm

DFK-PC 5/...-G, Linear pinning

Image of the DFK-PC 5/...-G connector and a 3D perspective diagram showing dimensions w, h, and l.

Dimensions	[mm]
Solder pin length	4.9
Length l	41.65
Height h	19.54



Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DFK-PC 5/ 2-G-7,62	1727582	10	40.74
3	DFK-PC 5/ 3-G-7,62	1727595	10	48.36
4	DFK-PC 5/ 4-G-7,62	1727605	10	55.98
5	DFK-PC 5/ 5-G-7,62	1727618	10	63.6
6	DFK-PC 5/ 6-G-7,62	1727621	10	71.22
7	DFK-PC 5/ 7-G-7,62	1727634	10	78.84
8	DFK-PC 5/ 8-G-7,62	1727647	10	86.46
9	DFK-PC 5/ 9-G-7,62	1727650	10	94.08
10	DFK-PC 5/10-G-7,62	1727663	10	101.7
11	DFK-PC 5/11-G-7,62	1727676	10	109.32
12	DFK-PC 5/12-G-7,62	1727689	10	116.94

Icons for WAVE, 630V IEC, 41A IEC, and 7.62 mm pitch.

Technical data			
Connection system / type of contact		POWER COMBICON 5 / Male connector	
Locking		without	
Electrical parameters			
Rated current / conductor cross section		41 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage		500	630
Rated surge voltage		6	6
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current		300 / 41	150 / 41
AWG		-	-
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Feed-through header, Pitch: 7.62 mm

DFK-PC 5/...-GF, Linear pinning

Image of the DFK-PC 5/...-GF connector and a 3D perspective diagram showing dimensions w, h, and l.

Dimensions	[mm]
Solder pin length	4.9
Length l	41.65
Height h	19.54



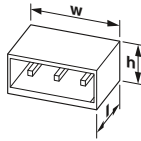
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DFK-PC 5/ 2-GF-7,62	1727692	10	49.86
3	DFK-PC 5/ 3-GF-7,62	1727702	10	57.48
4	DFK-PC 5/ 4-GF-7,62	1727715	10	65.1
5	DFK-PC 5/ 5-GF-7,62	1727728	10	72.72
6	DFK-PC 5/ 6-GF-7,62	1727731	10	80.34
7	DFK-PC 5/ 7-GF-7,62	1727744	10	87.96
8	DFK-PC 5/ 8-GF-7,62	1727757	10	95.58
9	DFK-PC 5/ 9-GF-7,62	1727760	10	103.2
10	DFK-PC 5/10-GF-7,62	1727773	10	110.82
11	DFK-PC 5/11-GF-7,62	1727786	10	118.44
12	DFK-PC 5/12-GF-7,62	1727799	10	126.06

Icons for WAVE, 630V IEC, 41A IEC, and 7.62 mm pitch.

Technical data			
Connection system / type of contact		POWER COMBICON 5 / Male connector	
Locking		Threaded flange	
Electrical parameters			
Rated current / conductor cross section		41 / -	
Surge voltage category/degree of pollution		III/3	III / 2
Rated insulation voltage		500	630
Rated surge voltage		6	6
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current		300 / 41	150 / 41
AWG		-	-
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Feed-through header, Pitch: 7.62 mm

DFK-PC 5/...-GF-SH, Linear pinning



Dimensions	[mm]
Solder pin length	5
Length l	29.25
Height h	19.54



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DFK-PC 5/ 2-GF-SH-7,62	1716069	10	40.74
3	DFK-PC 5/ 3-GF-SH-7,62	1716072	10	48.36
4	DFK-PC 5/ 4-GF-SH-7,62	1716085	10	55.95
5	DFK-PC 5/ 5-GF-SH-7,62	1716098	10	63.6
6	DFK-PC 5/ 6-GF-SH-7,62	1716108	10	71.22
7	DFK-PC 5/ 7-GF-SH-7,62	1716111	10	78.84
8	DFK-PC 5/ 8-GF-SH-7,62	1716124	10	86.46
9	DFK-PC 5/ 9-GF-SH-7,62	1716137	10	94.08
10	DFK-PC 5/10-GF-SH-7,62	1716140	10	101.7
11	DFK-PC 5/11-GF-SH-7,62	1716153	10	109.32
12	DFK-PC 5/12-GF-SH-7,62	1716166	10	116.94

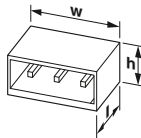


Technical data

Connection system / type of contact		POWER COMBICON 5 / Male connector			
Locking		Threaded flange			
Electrical parameters					
Rated current / conductor cross section		[A] / [mm²]	41 / -		
Surge voltage category/degree of pollution			III/3	III / 2	II / 2
Rated insulation voltage		[V]	500	630	800
Rated surge voltage		[kV]	6	6	6
Approval data (UL/CUL)					
Use Group			B	C	D
Nominal voltage/current		[V] / [A]	300 / 41	150 / 41	300 / 10
AWG			-	-	-
General data					
Type of insulation material / insulation material group			PA / I		
Inflammability class in acc. with UL 94			V0		

Feed-through header, Pitch: 7.62 mm

DFK-PC 5/...-GU, Linear pinning



Dimensions	[mm]
Solder pin length	4.26
Length l	29.25
Height h	19.54



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DFK-PC 5/ 2-GU-7,62	1727809	10	40.74
3	DFK-PC 5/ 3-GU-7,62	1727812	10	48.36
4	DFK-PC 5/ 4-GU-7,62	1727825	10	55.98
5	DFK-PC 5/ 5-GU-7,62	1727838	10	63.6
6	DFK-PC 5/ 6-GU-7,62	1727841	10	71.22
7	DFK-PC 5/ 7-GU-7,62	1727854	10	78.84
8	DFK-PC 5/ 8-GU-7,62	1727867	10	86.46
9	DFK-PC 5/ 9-GU-7,62	1727870	10	94.08
10	DFK-PC 5/10-GU-7,62	1727883	10	101.7
11	DFK-PC 5/11-GU-7,62	1727896	10	109.32
12	DFK-PC 5/12-GU-7,62	1727906	10	116.94



Technical data

Connection system / type of contact		POWER COMBICON 5 / Male connector			
Locking		without			
Electrical parameters					
Rated current / conductor cross section		[A] / [mm ²]	41 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2	
Rated insulation voltage		[V]	500	630	800
Rated surge voltage		[kV]	6	6	6
Approval data (UL/CUL)					
Use Group		B	C	D	
Nominal voltage/current		[V] / [A]	300 / 41	150 / 41	300 / 10
AWG			-	-	-
General data					
Type of insulation material / insulation material group			PA / I		
Inflammability class in acc. with UL 94			V0		

PCB connectors
Conductor cross section up to 6 mm² (AWG 10)

Feed-through header, Pitch: 7.62 mm

DFK-PC 5/...-GFU, Linear pinning

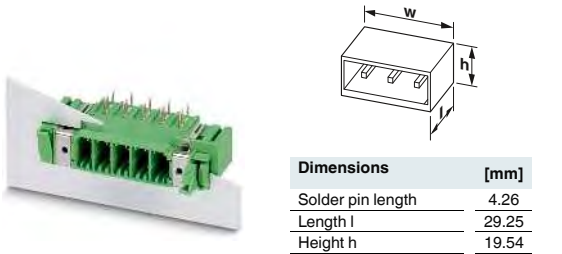


Table with 2 columns: Dimensions, [mm]. Rows include Solder pin length (4.26), Length l (29.25), and Height h (19.54).



Ordering data table with 5 columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Lists 12 different connector types and their specifications.



Technical data table for DFK-PC 5/...-GFU. Includes sections for Connection system, Locking, Electrical parameters (Rated current, Surge voltage, etc.), Approval data, and General data.

Feed-through header, Pitch: 7.62 mm

DFK-PC 5/...-GFU-SH, Linear pinning

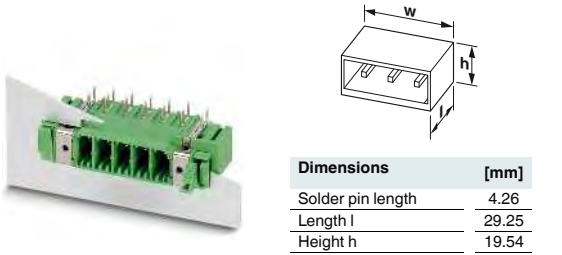


Table with 2 columns: Dimensions, [mm]. Rows include Solder pin length (4.26), Length l (29.25), and Height h (19.54).



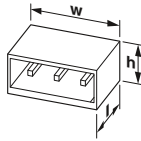
Ordering data table for DFK-PC 5/...-GFU-SH. Lists 12 different connector types and their specifications.



Technical data table for DFK-PC 5/...-GFU-SH. Includes sections for Connection system, Locking, Electrical parameters, Approval data, and General data.

Feed-through header, Pitch: 7.62 mm

DFK-PCV 5/...-G, Linear pinning



Dimensions	[mm]
Solder pin length	5
Length l	19.54
Height h	41.65

ERL

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DFK-PCV 5/ 2-G-7,62	1716289	10	40.74
3	DFK-PCV 5/ 3-G-7,62	1716292	10	48.36
4	DFK-PCV 5/ 4-G-7,62	1716302	10	55.98
5	DFK-PCV 5/ 5-G-7,62	1716315	10	63.6
6	DFK-PCV 5/ 6-G-7,62	1716328	10	71.22
7	DFK-PCV 5/ 7-G-7,62	1716331	10	78.84
8	DFK-PCV 5/ 8-G-7,62	1716344	10	86.46
9	DFK-PCV 5/ 9-G-7,62	1716357	10	94.08
10	DFK-PCV 5/10-G-7,62	1716360	10	101.7
11	DFK-PCV 5/11-G-7,62	1716373	10	109.32
12	DFK-PCV 5/12-G-7,62	1716386	10	116.94

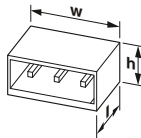


Technical data

Connection system / type of contact		POWER COMBICON 5 / Male connector		
Locking		without		
Electrical parameters				
Rated current / conductor cross section		[A] / [mm²]	41 / -	
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage		[V]	500	630
Rated surge voltage		[kV]	6	6
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Feed-through header, Pitch: 7.62 mm

DFK-PCV 5/...-GF, Linear pinning



Dimensions	[mm]
Solder pin length	5
Length l	19.54
Height h	29.25

ERL

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DFK-PCV 5/ 2-GF-7,62	1716399	10	49.86
3	DFK-PCV 5/ 3-GF-7,62	1716409	10	57.48
4	DFK-PCV 5/ 4-GF-7,62	1716412	10	65.1
5	DFK-PCV 5/ 5-GF-7,62	1716425	10	72.72
6	DFK-PCV 5/ 6-GF-7,62	1716438	10	80.34
7	DFK-PCV 5/ 7-GF-7,62	1716441	10	87.96
8	DFK-PCV 5/ 8-GF-7,62	1716454	10	95.58
9	DFK-PCV 5/ 9-GF-7,62	1716467	10	103.2
10	DFK-PCV 5/10-GF-7,62	1716470	10	110.82
11	DFK-PCV 5/11-GF-7,62	1716483	10	118.44
12	DFK-PCV 5/12-GF-7,62	1716496	10	126.06



Technical data

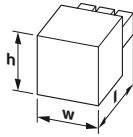
Connection system / type of contact		POWER COMBICON 5 / Male connector		
Locking		Threaded flange		
Electrical parameters				
Rated current / conductor cross section		[A] / [mm²]	41 / -	
Surge voltage category/degree of pollution			III / 3	III / 2 II / 2
Rated insulation voltage		[V]	500	630 800
Rated surge voltage		[kV]	6	6 6
General data				
Type of insulation material / insulation material group			PA / I	
Inflammability class in acc. with UL 94			V0	

PCB connectors

Conductor cross sections up to 10 mm² (AWG 10)

PCB plug, Push-in spring connection, Pitch: 7.62 mm

LPC 6/...-ST



Dimensions	[mm]
Length l	48
Height h	35.65



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	LPC 6/ 2-ST-7,62	1716921	25	17.24
3	LPC 6/ 3-ST-7,62	1716922	25	24.86
4	LPC 6/ 4-ST-7,62	1716923	25	32.48
5	LPC 6/ 5-ST-7,62	1716925	25	40.1
6	LPC 6/ 6-ST-7,62	1716926	25	47.72

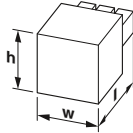


Technical data

Connection system / type of contact		POWER COMBICON 6 / Female connector		
Locking		-		
Connection capacity				
Solid / stranded	[mm ²]	0.75 - 10 / 0.75 - 6		
Stranded with ferrules without plastic sleeve	[mm ²]	0.75 - 6		
Stranded with ferrules with plastic sleeve	[mm ²]	0.75 - 6		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		18 - 8		
Stripping length	[mm]	18		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	41 / 10		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	800	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 35	600 / 35	-
AWG		18-8	18-8	-
General data				
Type of insulation material / insulation material group		PA GF / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 7.62 mm

LPC 6/...-STL2



Dimensions	[mm]
Length l	48
Height h	35.65



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	LPC 6/ 2-STL2-7,62	1716930	25	24.86
3	LPC 6/ 3-STL2-7,62	1716931	25	32.48
4	LPC 6/ 4-STL3-7,62	1716941	25	40.1
5	LPC 6/ 5-STL3-7,62	1716942	25	47.72
6	LPC 6/ 6-STL4-7,62	1716948	25	55.34

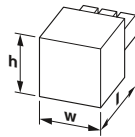


Technical data

Connection system / type of contact		POWER COMBICON 6 / Female connector		
Locking		-		
Connection capacity				
Solid / stranded	[mm ²]	0.75 - 10 / 0.75 - 6		
Stranded with ferrules without plastic sleeve	[mm ²]	0.75 - 6		
Stranded with ferrules with plastic sleeve	[mm ²]	0.75 - 6		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		18 - 8		
Stripping length	[mm]	18		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	41 / 10		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	800	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 35	600 / 35	-
AWG		18-8	18-8	-
General data				
Type of insulation material / insulation material group		- / -		
Inflammability class in acc. with UL 94		-		

PCB plug, Displacement connection, Pitch: 7.62 mm

PC 6/..-ST-BUS



Dimensions	[mm]
Length l	28.75
Height h	58



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PC 6/ 2-ST-BUS-7,62	1044740	20	24.4
3	PC 6/ 3-ST-BUS-7,62	1044738	20	34.2

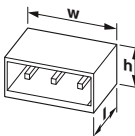
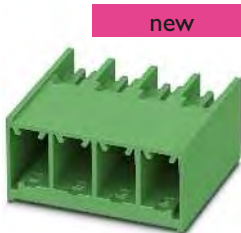


Technical data

Connection system / type of contact		POWER COMBICON 6 / Female connector without		
Locking				
Connection capacity				
Solid / stranded	[mm ²]	- / - 16		
Stranded with ferrules without plastic sleeve	[mm ²]	-		
Stranded with ferrules with plastic sleeve	[mm ²]	-		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		-		
Stripping length	[mm]	-		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	32 / -		
Surge voltage category/degree of pollution		III / 3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 20	600 / 20	-
AWG		6	6	-
General data				
Type of insulation material / insulation material group		- / I		
Inflammability class in acc. with UL 94		-		

PCB headers, Pitch: 7.62 mm

PC 6/..-G, Linear pinning



Dimensions	[mm]
Solder pin length	2.6
Length l	28.2
Height h	13.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PC 6/ 2-G-7,62	1054546	50	15.64
3	PC 6/ 3-G-7,62	1054547	50	23.26
4	PC 6/ 4-G-7,62	1054548	50	30.88
5	PC 6/ 5-G-7,62	1717019	50	38.5
6	PC 6/ 6-G-7,62	1717021	50	46.12



Technical data

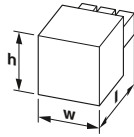
Connection system / type of contact		POWER COMBICON 6 / Male connector without		
Locking				
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	41 / -		
Surge voltage category/degree of pollution		III / 3	III / 2	II / 2
Rated insulation voltage	[V]	630	630	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 35	300 / 35	600 / 5
AWG		-	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross sections up to 10 mm² (AWG 10)

PCB hybrid connector, Pitch: 7.62 mm

LPCH 6/...-ST



Dimensions	[mm]
Length l	48
Height h	35.65



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
7	LPCH 6/ 3+4-ST-7,62	1716952	25	32.68
9	LPCH 6/ 3+6-ST-7,62	1716954	25	36.49
8	LPCH 6/ 4+4-ST-7,62	1716955	25	40.3
10	LPCH 6/ 4+6-ST-7,62	1716956	25	44.11
9	LPCH 6/ 5+4-ST-7,62	1716957	25	47.92
11	LPCH 6/ 5+6-ST-7,62	1716958	25	51.73

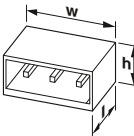


Technical data

Connection system / type of contact		POWER COMBICON 6 Hybrid / Female connector					
Locking		-					
Connection capacity		Power		Signal			
Pitch		7.62		3.81			
Solid / stranded		0.75 - 10 / 0.75 - 6		0.2 - 1.5 / 0.2 - 1.5			
Stranded with ferrules without plastic sleeve		0.75 - 6		0.25 - 1.5			
Stranded with ferrules with plastic sleeve		0.75 - 6		0.25 - 1			
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve		-		-			
Conductor cross section AWG/kcmil		-		-			
Stripping length		18 mm		10 mm			
Electrical parameters		Power		Signal			
Rated current / conductor cross section		41 / 10		8 / 1.5			
Surge voltage category/degree of pollution		III/3	III / 2	II / 2	III/3	III / 2	II / 2
Rated insulation voltage		800	1000	1000	160	160	250
Rated surge voltage		8	8	6	4	4	4
Approval data (UL/CUL)		Power		Signal			
Use Group		B	C	D	B	C	D
Nominal voltage		600	600	-	-	-	-
Nominal current		35	35	-	-	-	-
AWG		18-8	18-8	-	-	-	-
General data		PA GF / I		PA / I			
Type of insulation material / insulation material group		V0		V0			
Inflammability class in acc. with UL 94		V0		V0			

PCB hybrid header, Pitch: 7.62 mm

PCH 6/...-G

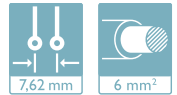


Dimensions	[mm]
Solder pin length	2.6
Length l	28.2
Height h	16.4



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
7	PCH 6/ 3+4-G-7,62	1717103	50	31.01
9	PCH 6/ 3+6-G-7,62	1717104	50	34.82
8	PCH 6/ 4+4-G-7,62	1717105	50	39.63
10	PCH 6/ 4+6-G-7,62	1717106	50	43.44
9	PCH 6/ 5+4-G-7,62	1717108	50	47.25
11	PCH 6/ 5+6-G-7,62	1717109	50	51.06



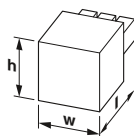
Technical data

Connection system / type of contact		POWER COMBICON 6 Hybrid / Male connector					
Locking		-					
Pitch		7.62		3.81			
Electrical parameters		Power		Signal			
Rated current / conductor cross section		41 / -		- / -			
Surge voltage category/degree of pollution		III/3	III / 2	II / 2	III/3	III / 2	II / 2
Rated insulation voltage		630	630	1000	-	-	-
Rated surge voltage		6	6	6	-	-	-
Approval data (UL/CUL)		Power		Signal			
Use Group		B	C	D	B	C	D
Nominal voltage		300	300	-	-	-	-
Nominal current		35	35	-	-	-	-
AWG		-	-	-	-	-	-
General data		PA GF / -		- / -			
Type of insulation material / insulation material group		V0		-			
Inflammability class in acc. with UL 94		V0		-			

PCB hybrid connector, Pitch: 7.62 mm

LPCH 6/...-STL3

new



Dimensions	[mm]
Length l	48
Height h	35.65



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
7	LPCH 6/ 3+4-STL3-7,62	1716970	25	40.3
9	LPCH 6/ 3+6-STL3-7,62	1716971	25	44.11
8	LPCH 6/ 4+4-STL4-7,62	1716987	25	47.92
10	LPCH 6/ 4+6-STL4-7,62	1716989	25	51.73
9	LPCH 6/ 5+4-STL5-7,62	1717003	25	55.54
11	LPCH 6/ 5+6-STL5-7,62	1717005	25	59.35



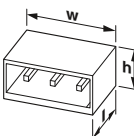
Technical data

Connection system / type of contact	POWER COMBICON 6 Hybrid / Female connector					
Locking	Latch mechanism/latching at position 3					
Connection capacity	Power		Signal			
Pitch	7.62		3.81			
Solid / stranded	0.75 - 10 / 0.75 - 6		0.2 - 1.5 / 0.2 - 1.5			
Stranded with ferrules without plastic sleeve	0.75 - 6		0.25 - 1.5			
Stranded with ferrules with plastic sleeve	0.75 - 6		0.25 - 1			
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	-		-			
Conductor cross section AWG/kcmil	-		-			
Stripping length	18 mm		10 mm			
Electrical parameters	Power		Signal			
Rated current / conductor cross section	41 / 10		- / 1.5			
Surge voltage category/degree of pollution	III/3	III / 2	II / 2	III/3	III / 2	II / 2
Rated insulation voltage	800	1000	1000	-	-	-
Rated surge voltage	8	8	6	-	-	-
Approval data (UL/CUL)	Power		Signal			
Use Group	B	C	D	B	C	D
Nominal voltage	600	600	-	-	-	-
Nominal current	35	35	-	-	-	-
AWG	18-8	18-8	-	-	-	-
General data	PA GF / I		PA / I			
Type of insulation material / insulation material group	V0		V0			
Inflammability class in acc. with UL 94	V0		V0			

PCB hybrid header, Pitch: 7.62 mm

PCH 6/...-GL3

new



Dimensions	[mm]
Solder pin length	2.6
Length l	28.2
Height h	16.4



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
7	PCH 6/ 3+4-GL3-7,62	1717119	50	38.63
9	PCH 6/ 3+6-GL3-7,62	1717120	50	42.44
8	PCH 6/ 4+4-GL4-7,62	1054545	50	47.25
10	PCH 6/ 4+6-GL4-7,62	1717138	50	51.06
9	PCH 6/ 5+4-GL5-7,62	1717151	50	54.87
11	PCH 6/ 5+6-GL5-7,62	1717153	50	58.68



Technical data

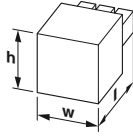
Connection system / type of contact	POWER COMBICON 6 Hybrid / Male connector					
Locking	Latch mechanism/latching at position 3					
Pitch	7.62		3.81			
Electrical parameters	Power		Signal			
Rated current / conductor cross section	41 / -		- / -			
Surge voltage category/degree of pollution	III/3	III / 2	II / 2	III/3	III / 2	II / 2
Rated insulation voltage	630	630	1000	-	-	-
Rated surge voltage	6	6	6	-	-	-
Approval data (UL/CUL)	Power		Signal			
Use Group	B	C	D	B	C	D
Nominal voltage	300	300	-	-	-	-
Nominal current	35	35	-	-	-	-
AWG	-	-	-	-	-	-
General data	PA GF / I		- / -			
Type of insulation material / insulation material group	V0		-			
Inflammability class in acc. with UL 94	V0		-			

PCB connectors

Conductor cross section up to 16 mm² (AWG 6)

PCB plug, Screw connection with tension sleeve, Pitch: 10.16 mm

PC 6/...-ST



Dimensions	[mm]
Length l	39
Height h	27.55



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PC 6/ 2-ST-10,16	1913507	50	19.36
3	PC 6/ 3-ST-10,16	1913510	50	29.52
4	PC 6/ 4-ST-10,16	1913523	50	39.68
5	PC 6/ 5-ST-10,16	1913536	50	49.84
6	PC 6/ 6-ST-10,16	1913549	50	60
7	PC 6/ 7-ST-10,16	1913552	50	70.16
8	PC 6/ 8-ST-10,16	1913565	50	80.32

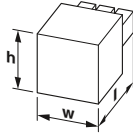


Technical data

Connection system / type of contact		POWER COMBICON 16 / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.75 - 10 / 0.75 - 6		
Stranded with ferrules without plastic sleeve	[mm ²]	0.5 - 6		
Stranded with ferrules with plastic sleeve	[mm ²]	0.5 - 6		
2 conductors with same cross section solid / stranded	[mm ²]	0.75 - 4 / 0.75 - 6		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.5 - 2.5		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 4		
Conductor cross section AWG/kcmil		18 - 8		
Stripping length	[mm]	12		
Tightening torque	[Nm]	1.2 - 1.5		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	41 / 10		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 50	600 / 50	-
AWG		20-8	20-8	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 10.16 mm

PC 6/...-STF



Dimensions	[mm]
Length l	39
Height h	27.55



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PC 6/ 2-STF-10,16	1913578	50	38.08
3	PC 6/ 3-STF-10,16	1913581	50	48.24
4	PC 6/ 4-STF-10,16	1913594	50	58.4
5	PC 6/ 5-STF-10,16	1913604	50	68.56
6	PC 6/ 6-STF-10,16	1913617	50	78.72
7	PC 6/ 7-STF-10,16	1913620	50	88.88
8	PC 6/ 8-STF-10,16	1913633	50	99.04

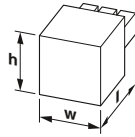


Technical data

Connection system / type of contact		POWER COMBICON 16 / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.75 - 10 / 0.75 - 6		
Stranded with ferrules without plastic sleeve	[mm ²]	0.5 - 6		
Stranded with ferrules with plastic sleeve	[mm ²]	0.5 - 6		
2 conductors with same cross section solid / stranded	[mm ²]	0.75 - 4 / 0.75 - 6		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.5 - 2.5		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 4		
Conductor cross section AWG/kcmil		18 - 8		
Stripping length	[mm]	12		
Tightening torque	[Nm]	1.2 - 1.5		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	41 / 10		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 50	600 / 50	-
AWG		20-8	20-8	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 10.16 mm

PC 6/...-STF-SH



Dimensions	[mm]
Length l	89.75
Height h	29.05



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
3	PC 6/ 3-STF-SH-10,16	1973042	50	48.24
4	PC 6/ 4-STF-SH-10,16	1966431	50	58.4

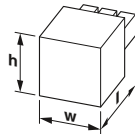


Technical data

Connection system / type of contact		POWER COMBICON 16 / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.5 - 10 / 0.5 - 6		
Stranded with ferrules without plastic sleeve	[mm ²]	0.5 - 6		
Stranded with ferrules with plastic sleeve	[mm ²]	0.5 - 6		
2 conductors with same cross section solid / stranded	[mm ²]	0.5 - 6 / 0.5 - 6		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.5 - 2.5		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 4		
Conductor cross section AWG/kcmil		20 - 7		
Stripping length	[mm]	12		
Tightening torque	[Nm]	1.2 - 1.5		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	41 / 10		
Surge voltage category/degree of pollution		III/3	III/2	II/2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	8
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 50	600 / 50	-
AWG		20-8	20-8	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 10.16 mm

PC 16/...-ST



Dimensions	[mm]
Length l	41.5
Height h	27.8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PC 16/ 2-ST-10,16	1967375	50	20.16
3	PC 16/ 3-ST-10,16	1967388	50	30.32
4	PC 16/ 4-ST-10,16	1967391	50	40.48
5	PC 16/ 5-ST-10,16	1967401	50	50.64
6	PC 16/ 6-ST-10,16	1967414	50	60.8
7	PC 16/ 7-ST-10,16	1967427	50	70.96
8	PC 16/ 8-ST-10,16	1967430	50	81.12
9	PC 16/ 9-ST-10,16	1967443	50	91.28



Technical data

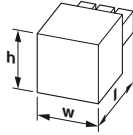
Connection system / type of contact		POWER COMBICON 16 / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.75 - 16 / 0.75 - 16		
Stranded with ferrules without plastic sleeve	[mm ²]	0.5 - 16		
Stranded with ferrules with plastic sleeve	[mm ²]	0.5 - 10		
2 conductors with same cross section solid / stranded	[mm ²]	0.75 - 6 / 0.75 - 6		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.5 - 4		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 6		
Conductor cross section AWG/kcmil		18 - 6		
Stripping length	[mm]	12		
Tightening torque	[Nm]	1.7 - 1.8		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	76 / 16		
Surge voltage category/degree of pollution		III/3	III/2	II/2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 55	600 / 55	-
AWG		20-6	20-6	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 16 mm² (AWG 6)

PCB plug, Screw connection with tension sleeve, Pitch: 10.16 mm

PC 16/...-STF



Dimensions	[mm]
Length l	41.5
Height h	27.8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PC 16/ 2-STF-10,16	1967456	50	38.08
3	PC 16/ 3-STF-10,16	1967469	50	48.24
4	PC 16/ 4-STF-10,16	1967472	50	58.4
5	PC 16/ 5-STF-10,16	1967485	50	68.56
6	PC 16/ 6-STF-10,16	1967498	50	78.72
7	PC 16/ 7-STF-10,16	1967508	50	88.88
8	PC 16/ 8-STF-10,16	1967511	50	99.04
9	PC 16/ 9-STF-10,16	1967524	50	109.2

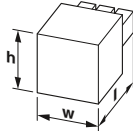


Technical data

Connection system / type of contact		POWER COMBICON 16 / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.75 - 16 / 0.75 - 16		
Stranded with ferrules without plastic sleeve	[mm ²]	0.5 - 16		
Stranded with ferrules with plastic sleeve	[mm ²]	0.5 - 10		
2 conductors with same cross section solid / stranded	[mm ²]	0.75 - 6 / 0.75 - 6		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.5 - 4		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 6		
Conductor cross section AWG/kcmil		18 - 6		
Stripping length	[mm]	12		
Tightening torque	[Nm]	1.7 - 1.8		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	76 / 16		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 55	600 / 55	-
AWG		20-6	20-6	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 10.16 mm

PC 16/...-STF-SH



Dimensions	[mm]
Length l	89.8
Height h	29.1



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
4	PC 16/ 4-STF-SH-10,16	1970359	50	58.4
3	PC 16/ 3-STF-SH-10,16	1737530	50	48.24

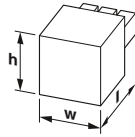


Technical data

Connection system / type of contact		POWER COMBICON 16 / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.75 - 16 / 0.75 - 16		
Stranded with ferrules without plastic sleeve	[mm ²]	0.5 - 16		
Stranded with ferrules with plastic sleeve	[mm ²]	0.5 - 10		
2 conductors with same cross section solid / stranded	[mm ²]	0.75 - 6 / 0.75 - 6		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.5 - 4		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 6		
Conductor cross section AWG/kcmil		18 - 6		
Stripping length	[mm]	12		
Tightening torque	[Nm]	1.7 - 1.8		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	76 / 16		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 55	600 / 55	-
AWG		20-6	20-6	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 10.16 mm

TPC 16/...-ST



Dimensions	[mm]
Length l	54.9
Height h	51.4



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	TPC 16/ 2-ST-10,16	1715170	20	20.16
3	TPC 16/ 3-ST-10,16	1715183	20	30.32
4	TPC 16/ 4-ST-10,16	1715196	20	40.48
5	TPC 16/ 5-ST-10,16	1715206	20	50.64
6	TPC 16/ 6-ST-10,16	1715219	20	60.8
7	TPC 16/ 7-ST-10,16	1715222	20	70.96
8	TPC 16/ 8-ST-10,16	1715235	20	81.12
9	TPC 16/ 9-ST-10,16	1715248	20	91.28

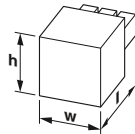


Technical data

Connection system / type of contact		POWER COMBICON 16 / Female connector without		
Locking				
Connection capacity				
Solid / stranded	[mm ²]	0.75 - 16 / 0.75 - 16		
Stranded with ferrules without plastic sleeve	[mm ²]	0.5 - 16		
Stranded with ferrules with plastic sleeve	[mm ²]	0.5 - 16		
2 conductors with same cross section solid / stranded	[mm ²]	0.75 - 6 / 0.75 - 6		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.5 - 4		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 6		
Conductor cross section AWG/kcmil		18 - 6		
Stripping length	[mm]	18		
Tightening torque	[Nm]	1.7 - 1.8		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	76 / 16		
Surge voltage category/degree of pollution		III/3	III/2	II/2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 60	600 / 60	-
AWG		20-4	20-4	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 10.16 mm

TPC 16/...-STF



Dimensions	[mm]
Length l	51.4
Height h	54.9



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	TPC 16/ 2-STF-10,16	1715251	20	38.08
3	TPC 16/ 3-STF-10,16	1715264	20	48.24
4	TPC 16/ 4-STF-10,16	1715277	20	58.4
5	TPC 16/ 5-STF-10,16	1715280	20	68.56
6	TPC 16/ 6-STF-10,16	1715293	20	78.72
7	TPC 16/ 7-STF-10,16	1715303	20	88.88
8	TPC 16/ 8-STF-10,16	1715316	20	99.04
9	TPC 16/ 9-STF-10,16	1715329	20	109.2



Technical data

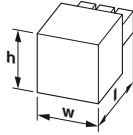
Connection system / type of contact		POWER COMBICON 16 / Female connector Screw flange		
Locking				
Connection capacity				
Solid / stranded	[mm ²]	0.75 - 16 / 0.75 - 16		
Stranded with ferrules without plastic sleeve	[mm ²]	0.5 - 16		
Stranded with ferrules with plastic sleeve	[mm ²]	0.5 - 16		
2 conductors with same cross section solid / stranded	[mm ²]	0.75 - 6 / 0.75 - 6		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.5 - 4		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 6		
Conductor cross section AWG/kcmil		18 - 6		
Stripping length	[mm]	18		
Tightening torque	[Nm]	1.7 - 1.8		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	76 / 16		
Surge voltage category/degree of pollution		III/3	III/2	II/2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 60	600 / 60	-
AWG		20-4	20-4	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

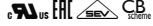
Conductor cross section up to 16 mm² (AWG 6)

PCB plug, Screw connection with tension sleeve, Pitch: 10.16 mm

IPC 16/...-ST



Dimensions	[mm]
Length l	44.1
Height h	27.8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	IPC 16/ 2-ST-10,16	1969373	50	23.36
3	IPC 16/ 3-ST-10,16	1969386	50	33.52
4	IPC 16/ 4-ST-10,16	1969399	50	43.68
5	IPC 16/ 5-ST-10,16	1969409	50	53.84
6	IPC 16/ 6-ST-10,16	1969412	50	64
7	IPC 16/ 7-ST-10,16	1969425	50	74.16
8	IPC 16/ 8-ST-10,16	1969438	50	84.32
9	IPC 16/ 9-ST-10,16	1969441	50	94.48

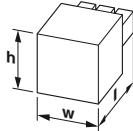


Technical data

Connection system / type of contact		POWER COMBICON 16 / Male connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.75 - 16 / 0.75 - 16		
Stranded with ferrules without plastic sleeve	[mm ²]	0.5 - 16		
Stranded with ferrules with plastic sleeve	[mm ²]	0.5 - 10		
2 conductors with same cross section solid / stranded	[mm ²]	0.75 - 6 / 0.75 - 6		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.5 - 4		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 6		
Conductor cross section AWG/kcmil		18 - 6		
Stripping length	[mm]	12		
Tightening torque	[Nm]	1.7 - 1.8		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	76 / 16		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 55	600 / 55	-
AWG		20-6	20-6	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 10.16 mm

IPC 16/...-STF



Dimensions	[mm]
Length l	44.1
Height h	27.8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	IPC 16/ 2-STF-10,16	1969454	50	38.08
3	IPC 16/ 3-STF-10,16	1969467	50	48.24
4	IPC 16/ 4-STF-10,16	1969470	50	58.4
5	IPC 16/ 5-STF-10,16	1969483	50	68.56
6	IPC 16/ 6-STF-10,16	1969496	50	78.72
7	IPC 16/ 7-STF-10,16	1969506	50	88.88
8	IPC 16/ 8-STF-10,16	1969519	50	99.04
9	IPC 16/ 9-STF-10,16	1969522	50	109.2

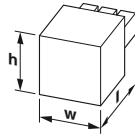


Technical data

Connection system / type of contact		POWER COMBICON 16 / Male connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.75 - 16 / 0.75 - 16		
Stranded with ferrules without plastic sleeve	[mm ²]	0.5 - 16		
Stranded with ferrules with plastic sleeve	[mm ²]	0.5 - 10		
2 conductors with same cross section solid / stranded	[mm ²]	0.75 - 6 / 0.75 - 6		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.5 - 4		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 6		
Conductor cross section AWG/kcmil		18 - 6		
Stripping length	[mm]	12		
Tightening torque	[Nm]	1.7 - 1.8		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	76 / 16		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 55	600 / 55	-
AWG		20-6	20-6	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 10.16 mm

IPC 16/...STF-SH



Dimensions	[mm]
Length l	94.05
Height h	29.05



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
4	IPC 16/ 4-STF-SH-10,16	1970346	50	58.4
3	IPC 16/ 3-STF-SH-10,16	1737323	50	48.24

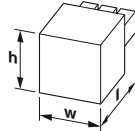


Technical data

Connection system / type of contact		POWER COMBICON 16 / Male connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded		[mm ²]	0.75 - 16 / 0.75 - 16	
Stranded with ferrules without plastic sleeve		[mm ²]	0.5 - 16	
Stranded with ferrules with plastic sleeve		[mm ²]	0.5 - 10	
2 conductors with same cross section solid / stranded		[mm ²]	0.75 - 6 / 0.75 - 6	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve		[mm ²]	0.5 - 4	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve		[mm ²]	0.5 - 6	
Conductor cross section AWG/kcmil			18 - 6	
Stripping length		[mm]	12	
Tightening torque		[Nm]	1.7 - 1.8	
Electrical parameters				
Rated current / conductor cross section		[A] / [mm ²]	76 / 16	
Surge voltage category/degree of pollution			III / 3	II / 2
Rated insulation voltage		[V]	1000	1000
Rated surge voltage		[kV]	8	6
Approval data (UL/CUL)				
Use Group			B	C
Nominal voltage/current		[V] / [A]	600 / 55	-
AWG			20-6	-
General data				
Type of insulation material / insulation material group			PA / I	
Inflammability class in acc. with UL 94			V0	

PCB plug, Screw connection with tension sleeve, Pitch: 10.16 mm

IPC 16/...STGF



Dimensions	[mm]
Length l	44.1
Height h	27.8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	IPC 16/ 2-STGF-10,16	1975817	50	38.08
3	IPC 16/ 3-STGF-10,16	1975820	50	48.24
4	IPC 16/ 4-STGF-10,16	1975833	50	58.4
5	IPC 16/ 5-STGF-10,16	1975846	50	68.56
6	IPC 16/ 6-STGF-10,16	1975859	50	78.72
7	IPC 16/ 7-STGF-10,16	1975862	50	88.88
8	IPC 16/ 8-STGF-10,16	1975875	50	99.04
9	IPC 16/ 9-STGF-10,16	1975888	50	109.2



Technical data

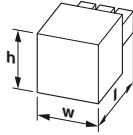
Connection system / type of contact		POWER COMBICON 16 / Male connector		
Locking		Threaded flange		
Connection capacity				
Solid / stranded		[mm ²]	0.75 - 16 / 0.75 - 16	
Stranded with ferrules without plastic sleeve		[mm ²]	0.5 - 16	
Stranded with ferrules with plastic sleeve		[mm ²]	0.5 - 10	
2 conductors with same cross section solid / stranded		[mm ²]	0.75 - 6 / 0.75 - 6	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve		[mm ²]	0.5 - 4	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve		[mm ²]	0.5 - 6	
Conductor cross section AWG/kcmil			18 - 6	
Stripping length		[mm]	12	
Tightening torque		[Nm]	1.7 - 1.8	
Electrical parameters				
Rated current / conductor cross section		[A] / [mm ²]	76 / 16	
Surge voltage category/degree of pollution			III / 3	II / 2
Rated insulation voltage		[V]	1000	1000
Rated surge voltage		[kV]	8	6
Approval data (UL/CUL)				
Use Group			B	C
Nominal voltage/current		[V] / [A]	600 / 55	-
AWG			20-6	-
General data				
Type of insulation material / insulation material group			PA / I	
Inflammability class in acc. with UL 94			V0	

PCB connectors

Conductor cross section up to 16 mm² (AWG 6)

PCB plug, Screw connection with tension sleeve, Pitch: 10.16 mm

IPC 16/...-STGF-SH



Dimensions	[mm]
Length l	94.1
Height h	27.8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
4	IPC 16/ 4-STGF-SH-10,16	1975891	50	58.4

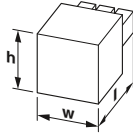


Technical data

Connection system / type of contact		POWER COMBICON 16 / Male connector		
Locking		Threaded flange		
Connection capacity				
Solid / stranded	[mm ²]	0.75 - 16 / 0.75 - 16		
Stranded with ferrules without plastic sleeve	[mm ²]	0.5 - 16		
Stranded with ferrules with plastic sleeve	[mm ²]	0.5 - 10		
2 conductors with same cross section solid / stranded	[mm ²]	0.75 - 6 / 0.75 - 6		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.5 - 4		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 6		
Conductor cross section AWG/kcmil		18 - 6		
Stripping length	[mm]	12		
Tightening torque	[Nm]	1.7 - 1.8		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	76 / 16		
Surge voltage category/degree of pollution		III / 3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 55	600 / 55	-
AWG		20-6	20-6	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 10.16 mm

SPC 16/...-ST



Dimensions	[mm]
Length l	44.5
Height h	25.1



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPC 16/ 2-ST-10,16	1711268	50	20.32
3	SPC 16/ 3-ST-10,16	1711271	50	30.48
4	SPC 16/ 4-ST-10,16	1711284	50	40.64
5	SPC 16/ 5-ST-10,16	1711297	50	50.8
6	SPC 16/ 6-ST-10,16	1711307	50	60.96
7	SPC 16/ 7-ST-10,16	1711310	50	71.12
8	SPC 16/ 8-ST-10,16	1711323	50	81.28
9	SPC 16/ 9-ST-10,16	1711336	50	91.44

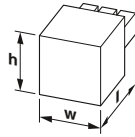


Technical data

Connection system / type of contact		POWER COMBICON 16 / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.75 - 16 / 0.75 - 16		
Stranded with ferrules without plastic sleeve	[mm ²]	0.75 - 16		
Stranded with ferrules with plastic sleeve	[mm ²]	0.75 - 10		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.75 - 4		
Conductor cross section AWG/kcmil		18 - 4		
Stripping length	[mm]	18		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	76 / 16		
Surge voltage category/degree of pollution		III / 3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 66	600 / 66	-
AWG		20-4	20-4	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 10.16 mm

SPC 16/...STF



Dimensions	[mm]
Length l	37
Height h	25.1



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPC 16/ 2-STF-10,16	1711378	50	38.08
3	SPC 16/ 3-STF-10,16	1711381	50	48.24
4	SPC 16/ 4-STF-10,16	1711394	50	58.4
5	SPC 16/ 5-STF-10,16	1711404	50	68.56
6	SPC 16/ 6-STF-10,16	1711417	50	78.72
7	SPC 16/ 7-STF-10,16	1711420	50	88.88
8	SPC 16/ 8-STF-10,16	1711433	50	99.04
9	SPC 16/ 9-STF-10,16	1711446	50	109.2

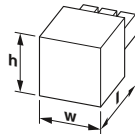


Technical data

Connection system / type of contact		POWER COMBICON 16 / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.75 - 16 / 0.75 - 16		
Stranded with ferrules without plastic sleeve	[mm ²]	0.75 - 16		
Stranded with ferrules with plastic sleeve	[mm ²]	0.75 - 10		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.75 - 4		
Conductor cross section AWG/kcmil		18 - 4		
Stripping length	[mm]	18		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	76 / 16		
Surge voltage category/degree of pollution		III / 3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 66	600 / 66	-
AWG		20-4	20-4	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 10.16 mm

SPC 16/...STF-SH



Dimensions	[mm]
Length l	96.6
Height h	25.1



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
4	SPC 16/ 4-STF-SH-10,16	1711488	50	58.4



Technical data

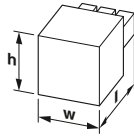
Connection system / type of contact		POWER COMBICON 16 / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.75 - 16 / 0.75 - 16		
Stranded with ferrules without plastic sleeve	[mm ²]	0.75 - 16		
Stranded with ferrules with plastic sleeve	[mm ²]	0.75 - 10		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.75 - 4		
Conductor cross section AWG/kcmil		18 - 4		
Stripping length	[mm]	18		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	76 / 16		
Surge voltage category/degree of pollution		III / 3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 66	600 / 66	-
AWG		20-4	20-4	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 16 mm² (AWG 6)

PCB plug, Push-in spring connection, Pitch: 10.16 mm

ISPC 16/...-ST



Dimensions	[mm]
Length l	45.1
Height h	25.1



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	ISPC 16/ 2-ST-10,16	1748545	50	23.36
3	ISPC 16/ 3-ST-10,16	1748558	50	30.48
4	ISPC 16/ 4-ST-10,16	1748561	50	43.68
5	ISPC 16/ 5-ST-10,16	1748574	50	53.84
6	ISPC 16/ 6-ST-10,16	1748587	50	64
7	ISPC 16/ 7-ST-10,16	1748590	50	74.16
8	ISPC 16/ 8-ST-10,16	1748600	50	84.32
9	ISPC 16/ 9-ST-10,16	1748613	50	94.48

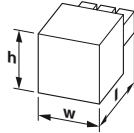


Technical data

Connection system / type of contact		POWER COMBICON 16 / Male connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.75 - 16 / 0.75 - 16		
Stranded with ferrules without plastic sleeve	[mm ²]	0.75 - 16		
Stranded with ferrules with plastic sleeve	[mm ²]	0.75 - 10		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.75 - 4		
Conductor cross section AWG/kcmil		18 - 4		
Stripping length	[mm]	18		
Tightening torque	[Nm]	1.8 -		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	76 / 16		
Surge voltage category/degree of pollution		III / 3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 66	600 / 66	-
AWG		20-4	20-4	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 10.16 mm

ISPC 16/...-STF



Dimensions	[mm]
Length l	45.1
Height h	25.1



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	ISPC 16/ 2-STF-10,16	1748626	50	38.08
3	ISPC 16/ 3-STF-10,16	1748639	50	48.24
4	ISPC 16/ 4-STF-10,16	1748642	50	58.4
5	ISPC 16/ 5-STF-10,16	1748655	50	68.56
6	ISPC 16/ 6-STF-10,16	1748668	50	78.72
7	ISPC 16/ 7-STF-10,16	1748671	50	88.88
8	ISPC 16/ 8-STF-10,16	1748684	50	99.04
9	ISPC 16/ 9-STF-10,16	1748697	50	109.2

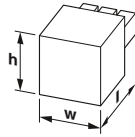


Technical data

Connection system / type of contact		POWER COMBICON 16 / Male connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.75 - 16 / 0.75 - 16		
Stranded with ferrules without plastic sleeve	[mm ²]	0.75 - 16		
Stranded with ferrules with plastic sleeve	[mm ²]	0.75 - 10		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.75 - 4		
Conductor cross section AWG/kcmil		18 - 4		
Stripping length	[mm]	18		
Tightening torque	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	76 / 16		
Surge voltage category/degree of pollution		III / 3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 66	600 / 66	-
AWG		20-4	20-4	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Push-in spring connection, Pitch: 10.16 mm

ISPC 16/...-STGF



Dimensions	[mm]
Length l	45.1
Height h	25.1



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	ISPC 16/ 2-STGF-10,16	1748707	50	38.08
3	ISPC 16/ 3-STGF-10,16	1748710	50	48.24
4	ISPC 16/ 4-STGF-10,16	1748723	50	58.4
5	ISPC 16/ 5-STGF-10,16	1748736	50	68.56
6	ISPC 16/ 6-STGF-10,16	1748749	50	78.72
7	ISPC 16/ 7-STGF-10,16	1748752	50	88.88
8	ISPC 16/ 8-STGF-10,16	1748765	50	99.04
9	ISPC 16/ 9-STGF-10,16	1748778	50	109.2

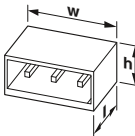


Technical data

Connection system / type of contact	POWER COMBICON 16 / Male connector		
Locking	Threaded flange		
Connection capacity			
Solid / stranded	[mm ²]	0.75 - 16 / 0.75 - 16	
Stranded with ferrules without plastic sleeve	[mm ²]	0.75 - 16	
Stranded with ferrules with plastic sleeve	[mm ²]	0.75 - 10	
2 conductors with same cross section solid / stranded	[mm ²]	- / -	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.75 - 4	
Conductor cross section AWG/kcmil		18 - 4	
Stripping length	[mm]	18	
Tightening torque	[Nm]	-	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	76 / 16	
Surge voltage category/degree of pollution		III / 3	II / 2
Rated insulation voltage	[V]	1000	1000
Rated surge voltage	[kV]	8	6
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	600 / 66	-
AWG		20-4	-
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

PCB headers, Pitch: 10.16 mm

PC 6-16/...-G1, Linear pinning



Dimensions	[mm]
Solder pin length	4
Length l	11
Height h	13.4



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PC 6-16/ 2-G1-10,16	1998933	50	23.36
3	PC 6-16/ 3-G1-10,16	1998946	50	33.52
4	PC 6-16/ 4-G1-10,16	1998959	50	43.68
5	PC 6-16/ 5-G1-10,16	1998962	50	53.84
6	PC 6-16/ 6-G1-10,16	1998975	50	64
7	PC 6-16/ 7-G1-10,16	1998988	50	74.16
8	PC 6-16/ 8-G1-10,16	1998991	50	84.32
9	PC 6-16/ 9-G1-10,16	1996391	50	94.48



Technical data

Connection system / type of contact	POWER COMBICON 16 / Male connector		
Locking	without		
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	76 / -	
Surge voltage category/degree of pollution		III / 3	II / 2
Rated insulation voltage	[V]	1000	1000
Rated surge voltage	[kV]	8	6
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	300 / 66	600 / 5
AWG		-	-
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

PCB connectors
Conductor cross section up to 16 mm² (AWG 6)

PCB headers, Pitch: 10.16 mm

PC 6-16/...-G1F, Linear pinning

Image of PCB header and dimension diagram showing width w and height h. Dimensions table: Solder pin length 4, Length l 34, Height h 13.4.



Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-8 showing various configurations and their order numbers.

Icons representing: WAVE, 1000 V IEC, 76 A IEC, 10.16 mm pitch, and 16 mm² cross-section.

Technical data table for POWER COMBICON 16 / Male connector. Includes sections for Connection system, Locking, Electrical parameters (Rated current, Surge voltage, etc.), Approval data, and General data.

PCB headers, Pitch: 10.16 mm

PC 6-16/...-G1U, Linear pinning

Image of PCB header and dimension diagram showing width w and height h. Dimensions table: Solder pin length 4, Length l 34, Height h 17.4.



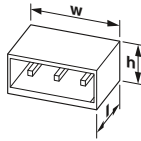
Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-9 showing various configurations and their order numbers.

Icons representing: WAVE, 1000 V IEC, 76 A IEC, 10.16 mm pitch, and 16 mm² cross-section.

Technical data table for POWER COMBICON 16 / Male connector without. Includes sections for Connection system, Locking, Electrical parameters, Approval data, and General data.

PCB headers, Pitch: 10.16 mm

PC 6-16/...-G1FU, Linear pinning



Dimensions	[mm]
Solder pin length	4
Length l	34
Height h	17.4



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PC 6-16/ 2-G1FU-10,16	1996317	50	38.08
3	PC 6-16/ 3-G1FU-10,16	1996320	50	48.24
4	PC 6-16/ 4-G1FU-10,16	1996333	50	58.4
5	PC 6-16/ 5-G1FU-10,16	1996346	50	68.56
6	PC 6-16/ 6-G1FU-10,16	1996359	50	78.72
7	PC 6-16/ 7-G1FU-10,16	1996362	50	88.88
8	PC 6-16/ 8-G1FU-10,16	1996375	50	99.04
9	PC 6-16/ 9-G1FU-10,16	1996388	50	109.2

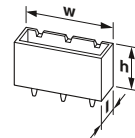


Technical data

Connection system / type of contact		POWER COMBICON 16 / Male connector			
Locking		Threaded flange			
Electrical parameters					
Rated current / conductor cross section		[A] / [mm²]	76 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2	
Rated insulation voltage		[V]	630	1000	1000
Rated surge voltage		[kV]	6	8	8
Approval data (UL/CUL)					
Use Group		B	C	D	
Nominal voltage/current		[V] / [A]	300 / 66	300 / 66	600 / 5
AWG			-	-	-
General data					
Type of insulation material / insulation material group			PA / I		
Inflammability class in acc. with UL 94			V0		

PCB headers, Pitch: 10.16 mm

PCV 6-16/...-G1, Linear pinning

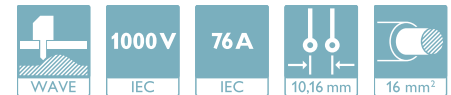


Dimensions	[mm]
Solder pin length	4
Length l	11
Height h	34



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PCV 6-16/ 2-G1-10,16	1998784	50	23.36
3	PCV 6-16/ 3-G1-10,16	1998797	50	33.52
4	PCV 6-16/ 4-G1-10,16	1998807	50	43.68
5	PCV 6-16/ 5-G1-10,16	1998810	50	53.84
6	PCV 6-16/ 6-G1-10,16	1998823	50	64
7	PCV 6-16/ 7-G1-10,16	1998836	50	74.16
8	PCV 6-16/ 8-G1-10,16	1998849	50	84.32
9	PCV 6-16/ 9-G1-10,16	1998852	50	94.48



Technical data

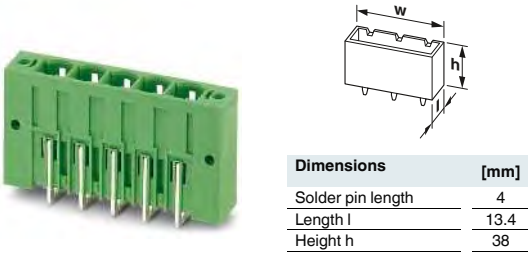
Connection system / type of contact		POWER COMBICON 16 / Male connector		
Locking		without		
Electrical parameters				
Rated current / conductor cross section		[A] / [mm²]	76 / -	
Surge voltage category/degree of pollution			III/3	III / 2 II / 2
Rated insulation voltage		[V]	1000	1000 1000
Rated surge voltage		[kV]	6	8 8
Approval data (UL/CUL)				
Use Group			B	C D
Nominal voltage/current		[V] / [A]	300 / 66	300 / 66 600 / 5
AWG			-	- -
General data				
Type of insulation material / insulation material group			PA / I	
Inflammability class in acc. with UL 94			V0	

PCB connectors

Conductor cross section up to 16 mm² (AWG 6)

PCB headers, Pitch: 10.16 mm

PCV 6-16/-G1F, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PCV 6-16/ 2-G1F-10,16	1998865	50	38.08
3	PCV 6-16/ 3-G1F-10,16	1998878	50	48.24
4	PCV 6-16/ 4-G1F-10,16	1998881	50	58.4
5	PCV 6-16/ 5-G1F-10,16	1998894	50	68.56
6	PCV 6-16/ 6-G1F-10,16	1998904	50	78.72
7	PCV 6-16/ 7-G1F-10,16	1998917	50	88.88
8	PCV 6-16/ 8-G1F-10,16	1998920	50	99.04
9	PCV 6-16/ 9-G1F-10,16	1996414	50	109.2

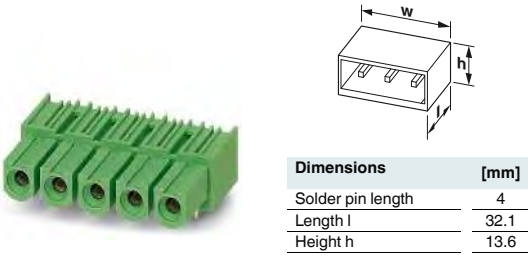


Technical data

Connection system / type of contact		POWER COMBICON 16 / Male connector		
Locking		Threaded flange		
Electrical parameters				
Rated current / conductor cross section		[A] / [mm²]	76 / -	
Surge voltage category/degree of pollution			III / 3	III / 2
Rated insulation voltage		[V]	1000	1000
Rated surge voltage		[kV]	6	8
Approval data (UL/CUL)				
Use Group			B	C
Nominal voltage/current		[V] / [A]	300 / 66	600 / 5
AWG			-	-
General data				
Type of insulation material / insulation material group			PA / I	
Inflammability class in acc. with UL 94			V0	

PCB headers, Pitch: 10.16 mm

IPC 16/-G, Linear three-way pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	IPC 16/ 2-G-10,16	1969535	50	21.12
3	IPC 16/ 3-G-10,16	1969548	50	31.28
4	IPC 16/ 4-G-10,16	1969551	50	41.44
5	IPC 16/ 5-G-10,16	1969564	50	51.6
6	IPC 16/ 6-G-10,16	1969577	50	61.76
7	IPC 16/ 7-G-10,16	1969580	50	71.92
8	IPC 16/ 8-G-10,16	1969593	50	82.08
9	IPC 16/ 9-G-10,16	1969603	50	92.24

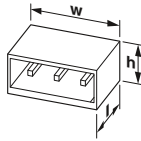


Technical data

Connection system / type of contact		POWER COMBICON 16 / Female connector		
Locking		without		
Electrical parameters				
Rated current / conductor cross section		[A] / [mm²]	76 / -	
Surge voltage category/degree of pollution			III / 3	III / 2
Rated insulation voltage		[V]	1000	1000
Rated surge voltage		[kV]	8	8
Approval data (UL/CUL)				
Use Group			B	C
Nominal voltage/current		[V] / [A]	300 / 66	600 / 5
AWG			-	-
General data				
Type of insulation material / insulation material group			PA / I	
Inflammability class in acc. with UL 94			V0	

PCB headers, Pitch: 10.16 mm

IPC 16/..-GF, Linear three-way pinning



Dimensions	[mm]
Solder pin length	4
Length l	32.05
Height h	13.6



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	IPC 16/ 2-GF-10,16	1969616	50	38.08
3	IPC 16/ 3-GF-10,16	1969629	50	48.24
4	IPC 16/ 4-GF-10,16	1969632	50	58.4
5	IPC 16/ 5-GF-10,16	1969645	50	68.56
6	IPC 16/ 6-GF-10,16	1969658	50	78.72
7	IPC 16/ 7-GF-10,16	1969661	50	88.88
8	IPC 16/ 8-GF-10,16	1969674	50	99.04
9	IPC 16/ 9-GF-10,16	1969687	50	109.2

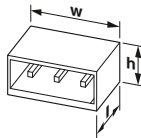


Technical data

Connection system / type of contact		POWER COMBICON 16 / Female connector			
Locking		Threaded flange			
Electrical parameters					
Rated current / conductor cross section		[A] / [mm²]	76 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2	
Rated insulation voltage		[V]	1000	1000	1000
Rated surge voltage		[kV]	8	8	8
Approval data (UL/CUL)					
Use Group		B	C	D	
Nominal voltage/current		[V] / [A]	300 / 66	300 / 66	600 / 5
AWG			-	-	-
General data					
Type of insulation material / insulation material group			PA / I		
Inflammability class in acc. with UL 94			V0		

PCB headers, Pitch: 10.16 mm

IPC 16/..-GU, Linear pinning



Dimensions	[mm]
Solder pin length	4
Length l	32.1
Height h	13.6



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	IPC 16/ 2-GU-10,16	1969852	50	21.12
3	IPC 16/ 3-GU-10,16	1969865	50	31.28
4	IPC 16/ 4-GU-10,16	1969878	50	41.44
5	IPC 16/ 5-GU-10,16	1969881	50	51.6
6	IPC 16/ 6-GU-10,16	1969894	50	61.76
7	IPC 16/ 7-GU-10,16	1969904	50	71.92
8	IPC 16/ 8-GU-10,16	1969917	50	82.08
9	IPC 16/ 9-GU-10,16	1969920	50	92.24



Technical data

Connection system / type of contact		POWER COMBICON 16 / Female connector			
Locking		without			
Electrical parameters					
Rated current / conductor cross section		[A]	76 / -		
Surge voltage category/degree of pollution			III/3	III / 2	II / 2
Rated insulation voltage		[V]	1000	1000	1000
Rated surge voltage		[kV]	8	8	8
Approval data (UL/CUL)					
Use Group			B	C	D
Nominal voltage/current		[V] / [A]	300 / 66	300 / 66	600 / 5
AWG			-	-	-
General data					
Type of insulation material / insulation material group			PA / I		
Inflammability class in acc. with UL 94			V0		

PCB connectors
Conductor cross section up to 16 mm² (AWG 6)

PCB headers, Pitch: 10.16 mm

IPC 16/...-GFU, Linear pinning

Image of IPC 16/...-GFU connector and a 3D schematic diagram showing dimensions w, h, and l.

Dimensions	[mm]
Solder pin length	4
Length l	32.1
Height h	13.6



Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows include IPC 16/ 2-GFU-10,16 through IPC 16/ 9-GFU-10,16.

Icons representing: WAVE, 1000 V IEC, 76 A IEC, 10,16 mm pitch, and 16 mm² cross-section.

Technical data table for POWER COMBICON 16 / Female connector. Includes sections for Connection system, Locking, Electrical parameters (Rated current, Surge voltage, etc.), Approval data, and General data.

PCB headers, Pitch: 10.16 mm

IPCV 16/...-G, Linear pinning

Image of IPCV 16/...-G connector and a 3D schematic diagram showing dimensions w, h, and l.

Dimensions	[mm]
Solder pin length	4
Length l	13.6
Height h	32.1



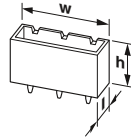
Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows include IPCV 16/ 2-G-10,16 through IPCV 16/ 9-G-10,16.

Icons representing: WAVE, 1000 V IEC, 76 A IEC, 10,16 mm pitch, and 16 mm² cross-section.

Technical data table for POWER COMBICON 16 / Female connector without. Includes sections for Connection system, Locking, Electrical parameters, Approval data, and General data.

PCB headers, Pitch: 10.16 mm

IPCV 16/...-GF, Linear pinning



Dimensions	[mm]
Solder pin length	4
Length l	13.6
Height h	32.1



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	IPCV 16/ 2-GF-10,16	1969771	50	38.08
3	IPCV 16/ 3-GF-10,16	1969784	50	48.24
4	IPCV 16/ 4-GF-10,16	1969797	50	58.4
5	IPCV 16/ 5-GF-10,16	1969807	50	68.56
6	IPCV 16/ 6-GF-10,16	1969810	50	78.72
7	IPCV 16/ 7-GF-10,16	1969823	50	88.88
8	IPCV 16/ 8-GF-10,16	1969836	50	99.04
9	IPCV 16/ 9-GF-10,16	1969849	50	109.2

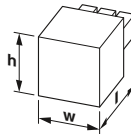


Technical data

Connection system / type of contact		POWER COMBICON 16 / Female connector			
Locking		Threaded flange			
Electrical parameters					
Rated current / conductor cross section		[A] / [mm²]	76 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2	
Rated insulation voltage		[V]	1000	1000	1000
Rated surge voltage		[kV]	8	8	8
Approval data (UL/CUL)					
Use Group		B	C	D	
Nominal voltage/current		[V] / [A]	300 / 66	300 / 66	600 / 5
AWG			-	-	-
General data					
Type of insulation material / insulation material group			PA / I		
Inflammability class in acc. with UL 94			V0		

Feed-through connector, Screw connection with tension sleeve, Pitch: 10.16 mm

DFK-PC 16/...-ST



Dimensions	[mm]
Length l	56.5
Height h	30.55



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DFK-PC 16/ 2-ST-10,16	1703373	10	39.76
3	DFK-PC 16/ 3-ST-10,16	1703386	10	49.92
4	DFK-PC 16/ 4-ST-10,16	1703399	10	60.08
5	DFK-PC 16/ 5-ST-10,16	1703409	10	70.24
6	DFK-PC 16/ 6-ST-10,16	1703412	10	80.4
7	DFK-PC 16/ 7-ST-10,16	1703425	10	90.56
8	DFK-PC 16/ 8-ST-10,16	1703438	10	100.72
9	DFK-PC 16/ 9-ST-10,16	1703441	10	110.88



Technical data

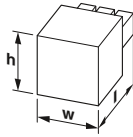
Connection system / type of contact		POWER COMBICON 16 / Male connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm²]	0.75 - 16 / 0.75 - 16		
Stranded with ferrules without plastic sleeve	[mm²]	0.5 - 16		
Stranded with ferrules with plastic sleeve	[mm²]	0.5 - 16		
2 conductors with same cross section solid / stranded	[mm²]	0.75 - 6 / 0.75 - 6		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.5 - 4		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 6		
Conductor cross section AWG/kcmil		18 - 6		
Stripping length	[mm]	12		
Tightening torque	[Nm]	1.7 - 1.8		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	76 / 16		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 55	600 / 55	-
AWG		20-6	20-6	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

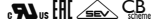
Conductor cross section up to 16 mm² (AWG 6)

Feed-through connector, Screw connection with tension sleeve, Pitch: 10.16 mm

DFK-PC 16/...-STF-SH



Dimensions	[mm]
Length l	44.1
Height h	30.55



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DFK-PC 16/ 2-STF-SH-10,16	1703616	10	55.68
3	DFK-PC 16/ 3-STF-SH-10,16	1703629	10	65.84
4	DFK-PC 16/ 4-STF-SH-10,16	1703632	10	76
5	DFK-PC 16/ 5-STF-SH-10,16	1703645	10	86.16
6	DFK-PC 16/ 6-STF-SH-10,16	1703658	10	96.32
7	DFK-PC 16/ 7-STF-SH-10,16	1703661	10	106.48
8	DFK-PC 16/ 8-STF-SH-10,16	1703674	10	116.64
9	DFK-PC 16/ 9-STF-SH-10,16	1703687	10	126.8

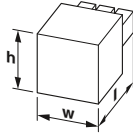


Technical data

Connection system / type of contact		POWER COMBICON 16 / Male connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.75 - 16 / 0.75 - 16		
Stranded with ferrules without plastic sleeve	[mm ²]	0.5 - 16		
Stranded with ferrules with plastic sleeve	[mm ²]	0.5 - 16		
2 conductors with same cross section solid / stranded	[mm ²]	0.75 - 6 / 0.75 - 6		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.5 - 4		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 6		
Conductor cross section AWG/kcmil		18 - 6		
Stripping length	[mm]	12		
Tightening torque	[Nm]	1.7 - 1.8		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	76 / 16		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 55	600 / 55	-
AWG		20-6	20-6	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Feed-through connector, Screw connection with tension sleeve, Pitch: 10.16 mm

DFK-IPC 16/...-ST



Dimensions	[mm]
Length l	56.4
Height h	32.05



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DFK-IPC 16/ 2-ST-10,16	1703690	10	44.44
3	DFK-IPC 16/ 3-ST-10,16	1703700	10	54.6
4	DFK-IPC 16/ 4-ST-10,16	1703713	10	64.76
5	DFK-IPC 16/ 5-ST-10,16	1703726	10	74.92
6	DFK-IPC 16/ 6-ST-10,16	1703739	10	85.08
7	DFK-IPC 16/ 7-ST-10,16	1703742	10	95.24
8	DFK-IPC 16/ 8-ST-10,16	1703755	10	105.4
9	DFK-IPC 16/ 9-ST-10,16	1703768	10	115.56

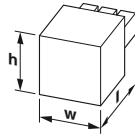


Technical data

Connection system / type of contact		POWER COMBICON 16 / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.75 - 16 / 0.75 - 16		
Stranded with ferrules without plastic sleeve	[mm ²]	0.5 - 16		
Stranded with ferrules with plastic sleeve	[mm ²]	0.5 - 16		
2 conductors with same cross section solid / stranded	[mm ²]	0.75 - 6 / 0.75 - 6		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.5 - 4		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 6		
Conductor cross section AWG/kcmil		18 - 6		
Stripping length	[mm]	12		
Tightening torque	[Nm]	1.7 - 1.8		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	76 / 16		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 55	600 / 55	-
AWG		20-6	20-6	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Feed-through connector, Screw connection with tension sleeve, Pitch: 10.16 mm

DFK-IPC 16/...-STF



Dimensions	[mm]
Length l	56.4
Height h	32.05



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DFK-IPC 16/ 2-STF-10,16	1703771	10	61.4
3	DFK-IPC 16/ 3-STF-10,16	1703784	10	71.56
4	DFK-IPC 16/ 4-STF-10,16	1703797	10	81.72
5	DFK-IPC 16/ 5-STF-10,16	1703807	10	91.88
6	DFK-IPC 16/ 6-STF-10,16	1703810	10	102.04
7	DFK-IPC 16/ 7-STF-10,16	1703823	10	112.2
8	DFK-IPC 16/ 8-STF-10,16	1703836	10	122.36
9	DFK-IPC 16/ 9-STF-10,16	1703849	10	132.52

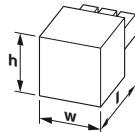


Technical data

Connection system / type of contact		POWER COMBICON 16 / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded		[mm ²]	0.75 - 16 / 0.75 - 16	
Stranded with ferrules without plastic sleeve		[mm ²]	0.5 - 16	
Stranded with ferrules with plastic sleeve		[mm ²]	0.5 - 16	
2 conductors with same cross section solid / stranded		[mm ²]	0.75 - 6 / 0.75 - 6	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve		[mm ²]	0.5 - 4	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve		[mm ²]	0.5 - 6	
Conductor cross section AWG/kcmil			18 - 6	
Stripping length		[mm]	12	
Tightening torque		[Nm]	1.7 - 1.8	
Electrical parameters				
Rated current / conductor cross section		[A] / [mm ²]	76 / 16	
Surge voltage category/degree of pollution			III/3	II / 2
Rated insulation voltage		[V]	1000	1000
Rated surge voltage		[kV]	8	6
Approval data (UL/CUL)				
Use Group			B	C
Nominal voltage/current		[V] / [A]	600 / 55	-
AWG			20-6	-
General data				
Type of insulation material / insulation material group			PA / I	
Inflammability class in acc. with UL 94			V0	

Feed-through connector, Screw connection with tension sleeve, Pitch: 10.16 mm

DFK-IPC 16/...-STF-SH



Dimensions	[mm]
Length l	56.4
Height h	32.05



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DFK-IPC 16/ 2-STF-SH-10,16	1703933	10	61.4
3	DFK-IPC 16/ 3-STF-SH-10,16	1703946	10	71.56
4	DFK-IPC 16/ 4-STF-SH-10,16	1703959	10	81.72
5	DFK-IPC 16/ 5-STF-SH-10,16	1703962	10	91.88
6	DFK-IPC 16/ 6-STF-SH-10,16	1703975	10	102.04
7	DFK-IPC 16/ 7-STF-SH-10,16	1703988	10	112.2
8	DFK-IPC 16/ 8-STF-SH-10,16	1703991	10	122.36
9	DFK-IPC 16/ 9-STF-SH-10,16	1704000	10	132.52



Technical data

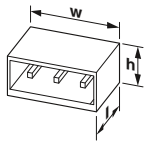
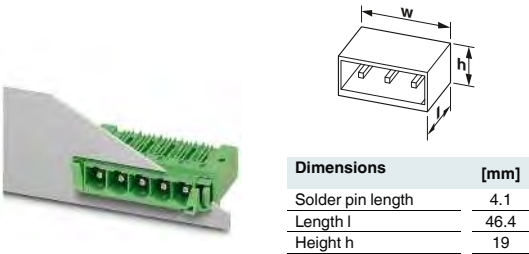
Connection system / type of contact		POWER COMBICON 16 / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded		[mm ²]	0.75 - 16 / 0.75 - 16	
Stranded with ferrules without plastic sleeve		[mm ²]	0.5 - 16	
Stranded with ferrules with plastic sleeve		[mm ²]	0.5 - 16	
2 conductors with same cross section solid / stranded		[mm ²]	0.75 - 6 / 0.75 - 6	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve		[mm ²]	0.5 - 4	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve		[mm ²]	0.5 - 6	
Conductor cross section AWG/kcmil			18 - 6	
Stripping length		[mm]	12	
Tightening torque		[Nm]	1.7 - 1.8	
Electrical parameters				
Rated current / conductor cross section		[A] / [mm ²]	76 / 16	
Surge voltage category/degree of pollution			III/3	II / 2
Rated insulation voltage		[V]	1000	1000
Rated surge voltage		[kV]	8	6
Approval data (UL/CUL)				
Use Group			B	C
Nominal voltage/current		[V] / [A]	600 / 55	-
AWG			20-6	-
General data				
Type of insulation material / insulation material group			PA / I	
Inflammability class in acc. with UL 94			V0	

PCB connectors

Conductor cross section up to 16 mm² (AWG 6)

Feed-through header, Pitch: 10.16 mm

DFK-PC 6-16/-G, Linear pinning



Dimensions	[mm]
Solder pin length	4.1
Length l	46.4
Height h	19



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DFK-PC 6-16/ 2-G-10,16	1701456	10	39.76
3	DFK-PC 6-16/ 3-G-10,16	1701469	10	49.92
4	DFK-PC 6-16/ 4-G-10,16	1701472	10	60.08
5	DFK-PC 6-16/ 5-G-10,16	1701485	10	70.24
6	DFK-PC 6-16/ 6-G-10,16	1701498	10	80.4
7	DFK-PC 6-16/ 7-G-10,16	1701508	10	90.56
8	DFK-PC 6-16/ 8-G-10,16	1701511	10	100.72
9	DFK-PC 6-16/ 9-G-10,16	1701524	10	110.88

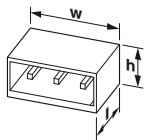
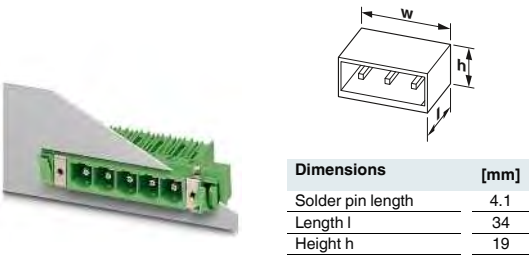


Technical data

Connection system / type of contact		POWER COMBICON 16 / Male connector		
Locking		without		
Electrical parameters				
Rated current / conductor cross section		[A] / [mm²]	76 / -	
Surge voltage category/degree of pollution			III / 3	III / 2
Rated insulation voltage		[V]	1000	1000
Rated surge voltage		[kV]	8	6
Approval data (UL/CUL)				
Use Group			B	C
Nominal voltage/current		[V] / [A]	300 / 66	600 / 5
AWG			-	-
General data				
Type of insulation material / insulation material group			PA / I	
Inflammability class in acc. with UL 94			V0	

Feed-through header, Pitch: 10.16 mm

DFK-PC 6-16/-GF, Linear pinning



Dimensions	[mm]
Solder pin length	4.1
Length l	34
Height h	19



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DFK-PC 6-16/ 2-GF-10,16	1701537	10	55.68
3	DFK-PC 6-16/ 3-GF-10,16	1701540	10	65.84
4	DFK-PC 6-16/ 4-GF-10,16	1701553	10	76
5	DFK-PC 6-16/ 5-GF-10,16	1701566	10	86.16
6	DFK-PC 6-16/ 6-GF-10,16	1701579	10	96.32
7	DFK-PC 6-16/ 7-GF-10,16	1701582	10	106.48
8	DFK-PC 6-16/ 8-GF-10,16	1701595	10	116.64
9	DFK-PC 6-16/ 9-GF-10,16	1701605	10	126.8

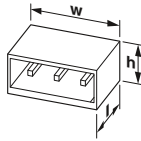


Technical data

Connection system / type of contact		POWER COMBICON 16 / Male connector		
Locking		Threaded flange		
Electrical parameters				
Rated current / conductor cross section		[A] / [mm²]	76 / -	
Surge voltage category/degree of pollution			III / 3	III / 2 II / 2
Rated insulation voltage		[V]	1000	1000 1000
Rated surge voltage		[kV]	8	8 6
Approval data (UL/CUL)				
Use Group			B	C D
Nominal voltage/current		[V] / [A]	300 / 66	300 / 66 600 / 5
AWG			-	- -
General data				
Type of insulation material / insulation material group			PA / I	
Inflammability class in acc. with UL 94			V0	

Feed-through header, Pitch: 10.16 mm

DFK-PC 6-16/...-GF-SH, Linear pinning



Dimensions	[mm]
Solder pin length	4.1
Length l	34
Height h	19



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DFK-PC 6-16/ 2-GF-SH-10,16	1701935	10	55.68
3	DFK-PC 6-16/ 3-GF-SH-10,16	1701948	10	65.84
4	DFK-PC 6-16/ 4-GF-SH-10,16	1701951	10	76
5	DFK-PC 6-16/ 5-GF-SH-10,16	1701964	10	86.16
6	DFK-PC 6-16/ 6-GF-SH-10,16	1701977	10	96.32
7	DFK-PC 6-16/ 7-GF-SH-10,16	1701980	10	106.48
8	DFK-PC 6-16/ 8-GF-SH-10,16	1701993	10	116.64
9	DFK-PC 6-16/ 9-GF-SH-10,16	1702002	10	126.8

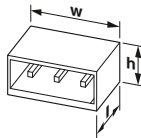


Technical data

Connection system / type of contact		POWER COMBICON 16 / Male connector		
Locking		Threaded flange		
Electrical parameters				
Rated current / conductor cross section		[A] / [mm²]	76 / -	
Surge voltage category/degree of pollution			III / 3	III / 2
Rated insulation voltage		[V]	1000	1000
Rated surge voltage		[kV]	8	6
Approval data (UL/CUL)				
Use Group			B	C
Nominal voltage/current		[V] / [A]	300 / 66	600 / 5
AWG			-	-
General data				
Type of insulation material / insulation material group			PA / I	
Inflammability class in acc. with UL 94			V0	

Feed-through header, Pitch: 10.16 mm

DFK-PC 6-16/...-GU, Linear pinning



Dimensions	[mm]
Solder pin length	4.1
Length l	34
Height h	19



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DFK-PC 6-16/ 2-GU-10,16	1701618	10	39.76
3	DFK-PC 6-16/ 3-GU-10,16	1701621	10	49.92
4	DFK-PC 6-16/ 4-GU-10,16	1701634	10	60.08
5	DFK-PC 6-16/ 5-GU-10,16	1701647	10	70.24
6	DFK-PC 6-16/ 6-GU-10,16	1701650	10	80.4
7	DFK-PC 6-16/ 7-GU-10,16	1701663	10	90.56
8	DFK-PC 6-16/ 8-GU-10,16	1701676	10	100.72
9	DFK-PC 6-16/ 9-GU-10,16	1701689	10	110.88



Technical data

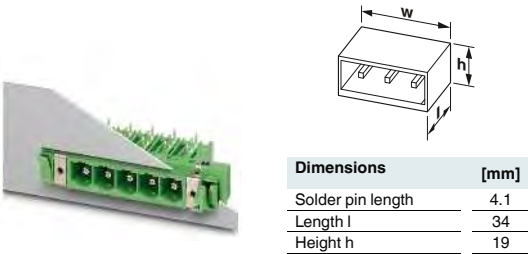
Connection system / type of contact		POWER COMBICON 16 / Male connector			
Locking		without			
Electrical parameters					
Rated current / conductor cross section		[A] / [mm²]	76 / -		
Surge voltage category/degree of pollution			III / 3	III / 2	II / 2
Rated insulation voltage		[V]	1000	1000	1000
Rated surge voltage		[kV]	8	8	6
Approval data (UL/CUL)					
Use Group			B	C	D
Nominal voltage/current		[V] / [A]	300 / 66	300 / 66	600 / 5
AWG			-	-	-
General data					
Type of insulation material / insulation material group			PA / I		
Inflammability class in acc. with UL 94			V0		

PCB connectors

Conductor cross section up to 16 mm² (AWG 6)

Feed-through header, Pitch: 10.16 mm

DFK-PC 6-16/...-GFU, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DFK-PC 6-16/ 2-GFU-10,16	1701692	10	55.68
3	DFK-PC 6-16/ 3-GFU-10,16	1701702	10	65.84
4	DFK-PC 6-16/ 4-GFU-10,16	1701715	10	79
5	DFK-PC 6-16/ 5-GFU-10,16	1701728	10	86.16
6	DFK-PC 6-16/ 6-GFU-10,16	1701731	10	96.32
7	DFK-PC 6-16/ 7-GFU-10,16	1701744	10	106.48
8	DFK-PC 6-16/ 8-GFU-10,16	1701757	10	116.64
9	DFK-PC 6-16/ 9-GFU-10,16	1701760	10	126.8

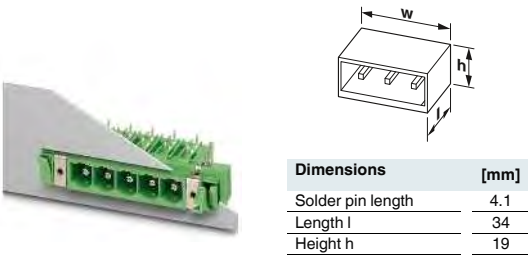


Technical data

Connection system / type of contact		POWER COMBICON 16 / Male connector		
Locking		Threaded flange		
Electrical parameters				
Rated current / conductor cross section		[A] / [mm²]	76 / -	
Surge voltage category/degree of pollution			III / 3	III / 2
Rated insulation voltage		[V]	1000	1000
Rated surge voltage		[kV]	8	6
Approval data (UL/CUL)				
Use Group			B	C
Nominal voltage/current		[V] / [A]	300 / 66	600 / 5
AWG			-	-
General data				
Type of insulation material / insulation material group			PA / I	
Inflammability class in acc. with UL 94			V0	

Feed-through header, Pitch: 10.16 mm

DFK-PC 6-16/...-GFU-SH, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DFK-PC 6-16/ 2-GFU-SH-10,16	1702015	10	55.68
3	DFK-PC 6-16/ 3-GFU-SH-10,16	1702028	10	65.84
4	DFK-PC 6-16/ 4-GFU-SH-10,16	1702031	10	76
5	DFK-PC 6-16/ 5-GFU-SH-10,16	1702044	10	86.16
6	DFK-PC 6-16/ 6-GFU-SH-10,16	1702057	10	96.32
7	DFK-PC 6-16/ 7-GFU-SH-10,16	1702060	10	106.48
8	DFK-PC 6-16/ 8-GFU-SH-10,16	1702073	10	116.64
9	DFK-PC 6-16/ 9-GFU-SH-10,16	1702086	10	126.8

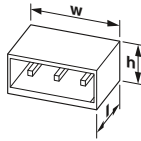


Technical data

Connection system / type of contact		POWER COMBICON 16 / Male connector		
Locking		Threaded flange		
Electrical parameters				
Rated current / conductor cross section		[A] / [mm²]	76 / -	
Surge voltage category/degree of pollution			III / 3	III / 2 II / 2
Rated insulation voltage		[V]	1000	1000 1000
Rated surge voltage		[kV]	8	8 6
Approval data (UL/CUL)				
Use Group			B	C D
Nominal voltage/current		[V] / [A]	300 / 66	300 / 66 600 / 5
AWG			-	- -
General data				
Type of insulation material / insulation material group			PA / I	
Inflammability class in acc. with UL 94			V0	

Feed-through header, Pitch: 10.16 mm

DFK-PCV 6-16/-G, Linear pinning



Dimensions	[mm]
Solder pin length	4.2
Length l	19
Height h	34



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DFK-PCV 6-16/ 2-G-10,16	1702099	10	55.68
3	DFK-PCV 6-16/ 3-G-10,16	1702109	10	65.84
4	DFK-PCV 6-16/ 4-G-10,16	1702112	10	76
5	DFK-PCV 6-16/ 5-G-10,16	1702125	10	86.16
6	DFK-PCV 6-16/ 6-G-10,16	1702138	10	96.32
7	DFK-PCV 6-16/ 7-G-10,16	1702141	10	106.48
8	DFK-PCV 6-16/ 8-G-10,16	1702154	10	116.64
9	DFK-PCV 6-16/ 9-G-10,16	1702167	10	126.8

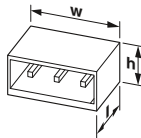


Technical data

Connection system / type of contact		POWER COMBICON 16 / Male connector		
Locking		without		
Electrical parameters				
Rated current / conductor cross section		[A] / [mm²]	76 / -	
Surge voltage category/degree of pollution			III / 3	III / 2
Rated insulation voltage		[V]	1000	1000
Rated surge voltage		[kV]	8	8
Approval data (UL/CUL)				
Use Group			B	C
Nominal voltage/current		[V] / [A]	300 / 66	600 / 5
AWG			-	-
General data				
Type of insulation material / insulation material group			PA / I	
Inflammability class in acc. with UL 94			V0	

Feed-through header, Pitch: 10.16 mm

DFK-PCV 6-16/-GF, Linear pinning



Dimensions	[mm]
Solder pin length	-
Length l	19
Height h	34



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DFK-PCV 6-16/ 2-GF-10,16	1702251	10	55.68
3	DFK-PCV 6-16/ 3-GF-10,16	1702264	10	65.84
4	DFK-PCV 6-16/ 4-GF-10,16	1702277	10	76
5	DFK-PCV 6-16/ 5-GF-10,16	1702280	10	86.16
6	DFK-PCV 6-16/ 6-GF-10,16	1702293	10	96.32
7	DFK-PCV 6-16/ 7-GF-10,16	1702303	10	106.48
8	DFK-PCV 6-16/ 8-GF-10,16	1702316	10	116.64
9	DFK-PCV 6-16/ 9-GF-10,16	1702329	10	126.8



Technical data

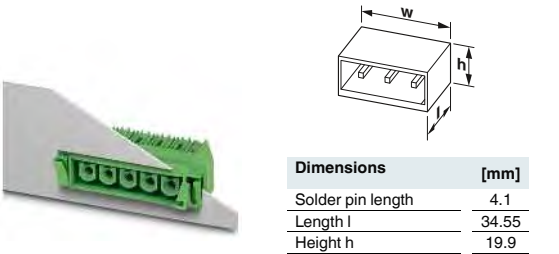
Connection system / type of contact		POWER COMBICON 16 / Male connector		
Locking		Threaded flange		
Electrical parameters				
Rated current / conductor cross section		76 / -		
[A] / [mm²]				
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage		1000	1000	1000
[V]				
Rated surge voltage		8	8	6
[kV]				
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current		300 / 66	300 / 66	600 / 5
[V] / [A]				
AWG		-	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 16 mm² (AWG 6)

Feed-through header, Pitch: 10.16 mm

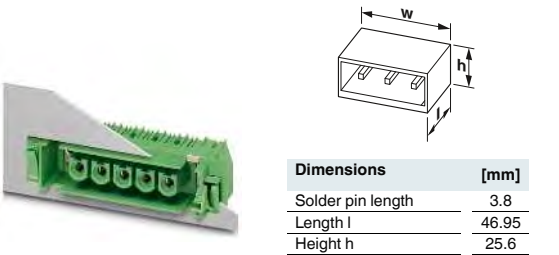
DFK-IPC 16/...-G, Linear pinning



Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DFK-IPC 16/ 2-G-10,16	1702413	10	44.44
3	DFK-IPC 16/ 3-G-10,16	1702426	10	54.6
4	DFK-IPC 16/ 4-G-10,16	1702439	10	64.76
5	DFK-IPC 16/ 5-G-10,16	1702442	10	74.92
6	DFK-IPC 16/ 6-G-10,16	1702455	10	85.08
7	DFK-IPC 16/ 7-G-10,16	1702468	10	95.24
8	DFK-IPC 16/ 8-G-10,16	1702471	10	105.4
9	DFK-IPC 16/ 9-G-10,16	1702484	10	115.56

Feed-through header, Pitch: 10.16 mm

DFK-IPC 16/...-GF, Linear pinning



Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DFK-IPC 16/ 2-GF-10,16	1702730	10	61.4
3	DFK-IPC 16/ 3-GF-10,16	1702743	10	71.56
4	DFK-IPC 16/ 4-GF-10,16	1702756	10	81.72
5	DFK-IPC 16/ 5-GF-10,16	1702769	10	91.88
6	DFK-IPC 16/ 6-GF-10,16	1702772	10	102.04
7	DFK-IPC 16/ 7-GF-10,16	1702785	10	112.2
8	DFK-IPC 16/ 8-GF-10,16	1702798	10	122.36
9	DFK-IPC 16/ 9-GF-10,16	1702808	10	132.52



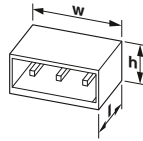
Technical data				
Connection system / type of contact		POWER COMBICON 16 / Female connector		
Locking		without		
Electrical parameters				
Rated current / conductor cross section		[A] / [mm²]	76 / -	
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage		[V]	1000	1000
Rated surge voltage		[kV]	8	8
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current		[V] / [A]	300 / 55	300 / 55
AWG			-	600 / 5
General data				
Type of insulation material / insulation material group			PA / I	
Inflammability class in acc. with UL 94			V0	



Technical data				
Connection system / type of contact		POWER COMBICON 16 / Female connector		
Locking		Threaded flange		
Electrical parameters				
Rated current / conductor cross section		[A] / [mm²]		76 / -
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage		[V]	1000	1000
Rated surge voltage		[kV]	8	8
Approval data (UL/CUL)			6	
Use Group		B	C	D
Nominal voltage/current		[V] / [A]	300 / 55	300 / 55
AWG			-	600 / 5
General data				-
Type of insulation material / insulation material group			PA / I	
Inflammability class in acc. with UL 94			V0	

Feed-through header, Pitch: 10.16 mm

DFK-IPC 16/...-GF-SH, Linear pinning



Dimensions	[mm]
Solder pin length	4.1
Length l	34.55
Height h	19.9



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DFK-IPC 16/ 2-GF-SH-10,16	1702976	10	61.4
3	DFK-IPC 16/ 3-GF-SH-10,16	1702989	10	71.56
4	DFK-IPC 16/ 4-GF-SH-10,16	1702992	10	81.72
5	DFK-IPC 16/ 5-GF-SH-10,16	1703001	10	91.88
6	DFK-IPC 16/ 6-GF-SH-10,16	1703014	10	102.04
7	DFK-IPC 16/ 7-GF-SH-10,16	1703027	10	112.2
8	DFK-IPC 16/ 8-GF-SH-10,16	1703030	10	122.36
9	DFK-IPC 16/ 9-GF-SH-10,16	1703043	10	132.52

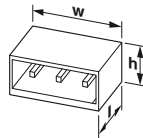


Technical data

Connection system / type of contact		POWER COMBICON 16 / Female connector			
Locking		Threaded flange			
Electrical parameters					
Rated current / conductor cross section		[A] / [mm²]	76 / -		
Surge voltage category/degree of pollution			III / 3	III / 2	II / 2
Rated insulation voltage		[V]	1000	1000	1000
Rated surge voltage		[kV]	8	8	6
Approval data (UL/CUL)					
Use Group			B	C	D
Nominal voltage/current		[V] / [A]	300 / 55	300 / 55	600 / 5
AWG			-	-	-
General data					
Type of insulation material / insulation material group			PA / I		
Inflammability class in acc. with UL 94			V0		

Feed-through header, Pitch: 10.16 mm

DFK-IPC 16/...-GU, Linear pinning



Dimensions	[mm]
Solder pin length	4.1
Length l	34.55
Height h	19.9



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DFK-IPC 16/ 2-GU-10,16	1702497	10	44.44
3	DFK-IPC 16/ 3-GU-10,16	1702507	10	54.6
4	DFK-IPC 16/ 4-GU-10,16	1702510	10	64.76
5	DFK-IPC 16/ 5-GU-10,16	1702523	10	74.92
6	DFK-IPC 16/ 6-GU-10,16	1702536	10	85.08
7	DFK-IPC 16/ 7-GU-10,16	1702549	10	95.24
8	DFK-IPC 16/ 8-GU-10,16	1702552	10	105.4
9	DFK-IPC 16/ 9-GU-10,16	1702565	10	115.56



Technical data

Connection system / type of contact		POWER COMBICON 16 / Female connector		
Locking		without		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	76 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 55	300 / 55	600 / 5
AWG		-	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors
Conductor cross section up to 16 mm² (AWG 6)

Feed-through header, Pitch: 10.16 mm

DFK-IPC 16/...GFU, Linear pinning

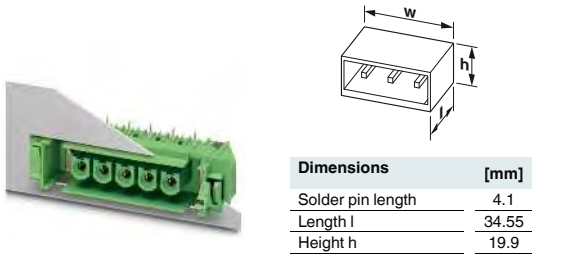


Table with 2 columns: Dimensions, [mm]. Rows include Solder pin length (4.1), Length l (34.55), and Height h (19.9).



Ordering data table with 5 columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-9 list various DFK-IPC 16/...GFU models with their respective order numbers and widths.



Technical data table for POWER COMBICON 16 / Female connector. Includes sections for Connection system, Locking, Electrical parameters (Rated current, Surge voltage, etc.), Approval data, and General data (Insulation material, Inflammability class).

Feed-through header, Pitch: 10.16 mm

DFK-IPC 16/...GFU-SH, Linear pinning

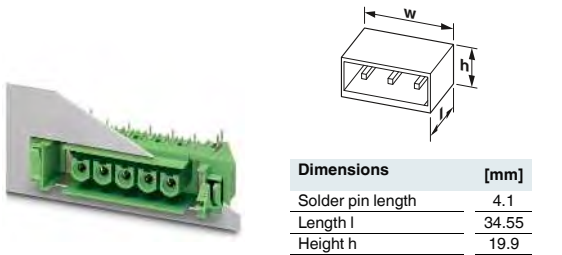


Table with 2 columns: Dimensions, [mm]. Rows include Solder pin length (4.1), Length l (34.55), and Height h (19.9).



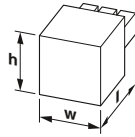
Ordering data table with 5 columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows 2-9 list various DFK-IPC 16/...GFU-SH models with their respective order numbers and widths.



Technical data table for POWER COMBICON 16 / Female connector. Includes sections for Connection system, Locking, Electrical parameters (Rated current, Surge voltage, etc.), Approval data, and General data (Insulation material, Inflammability class).

Direct plug-in block, Screw connection with tension sleeve, Pitch: 10.16 mm

PCU 6/...-STD



Dimensions	[mm]
Length l	32.8
Height h	33.9



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PCU 6/ 2-STD-10,16	1922637	50	40.48
3	PCU 6/ 3-STD-10,16	1922640	50	50.64
4	PCU 6/ 4-STD-10,16	1922653	50	60.8
5	PCU 6/ 5-STD-10,16	1922666	50	70.96
6	PCU 6/ 6-STD-10,16	1922679	50	81.12
7	PCU 6/ 7-STD-10,16	1922682	50	91.28
8	PCU 6/ 8-STD-10,16	1922695	50	101.44
9	PCU 6/ 9-STD-10,16	1922705	50	111.6



Technical data

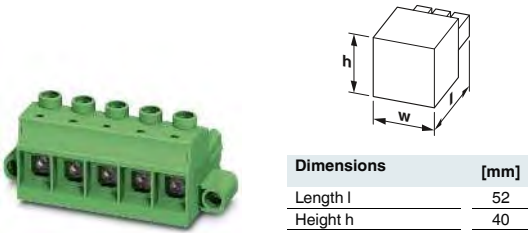
Connection system / type of contact		POWER COMBICON 16 / Female connector		
Locking		without		
Connection capacity				
Solid / stranded	[mm ²]	0.5 - 10 / 0.5 - 6		
Stranded with ferrules without plastic sleeve	[mm ²]	0.5 - 6		
Stranded with ferrules with plastic sleeve	[mm ²]	0.5 - 6		
2 conductors with same cross section solid / stranded	[mm ²]	0.5 - 4 / 0.5 - 6		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.5 - 2.5		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 4		
Conductor cross section AWG/kcmil		20 - 7		
Stripping length		12		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	41 / 10		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	8
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 50	600 / 50	-
AWG		20-8	20-8	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 35 mm² (AWG 2)

PCB plug, Screw connection with tension sleeve, Pitch: 15 mm

PC 35 HC/...STF



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PC 35 HC/ 2-STF-15,00	1762592	25	54.4
3	PC 35 HC/ 3-STF-15,00	1762602	25	69.4
4	PC 35 HC/ 4-STF-15,00	1762615	25	84.4
5	PC 35 HC/ 5-STF-15,00	1762628	10	99.4
6	PC 35 HC/ 6-STF-15,00	1762631	25	114.4

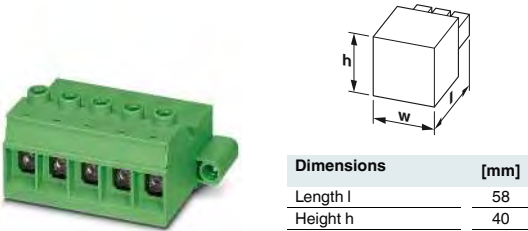


Technical data

Connection system / type of contact		POWER COMBICON 35 / Female connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.5 - 35 / 0.5 - 35		
Stranded with ferrules without plastic sleeve	[mm ²]	1 - 35		
Stranded with ferrules with plastic sleeve	[mm ²]	1.5 - 35		
2 conductors with same cross section solid / stranded	[mm ²]	0.5 - 6 / 0.5 - 6		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.5 - 4		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 6		
Conductor cross section AWG/kcmil		20 - 2		
Stripping length	[mm]	20		
Tightening torque	[Nm]	2.5 - 4.5		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	125 / 35		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 115	600 / 115	-
AWG		16-2	16-2	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 15 mm

IPC 35 HC/...STF



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	IPC 35 HC/ 2-STF-15,00	1784790	25	31.3
3	IPC 35 HC/ 3-STF-15,00	1784800	25	46.3
4	IPC 35 HC/ 4-STF-15,00	1784813	25	61.3
5	IPC 35 HC/ 5-STF-15,00	1784826	10	76.3
6	IPC 35 HC/ 6-STF-15,00	1784839	10	91.3

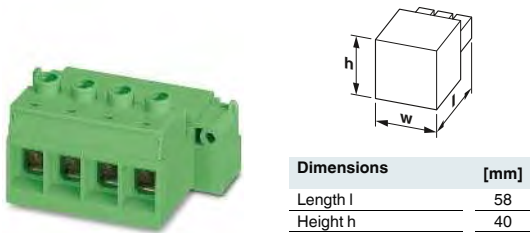


Technical data

Connection system / type of contact		POWER COMBICON 35 / Male connector		
Locking		Screw flange		
Connection capacity				
Solid / stranded	[mm ²]	0.5 - 35 / 0.5 - 35		
Stranded with ferrules without plastic sleeve	[mm ²]	1 - 35		
Stranded with ferrules with plastic sleeve	[mm ²]	1.5 - 35		
2 conductors with same cross section solid / stranded	[mm ²]	0.5 - 6 / 0.5 - 6		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.5 - 4		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 6		
Conductor cross section AWG/kcmil		20 - 2		
Stripping length	[mm]	20		
Tightening torque	[Nm]	2.5 - 4.5		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	125 / 35		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	8
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 115	600 / 115	-
AWG		16-2	16-2	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

PCB plug, Screw connection with tension sleeve, Pitch: 15 mm

IPC 35 HC/...-STGF



Dimensions	[mm]
Length l	58
Height h	40



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	IPC 35 HC/ 2-STGF-15,00	1784855	25	31.3
3	IPC 35 HC/ 3-STGF-15,00	1784868	25	46.3
4	IPC 35 HC/ 4-STGF-15,00	1784871	25	61.3
5	IPC 35 HC/ 5-STGF-15,00	1784884	10	76.3
6	IPC 35 HC/ 6-STGF-15,00	1784897	10	91.3

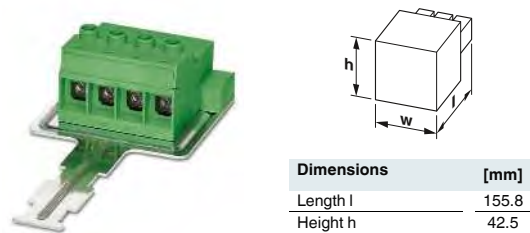


Technical data

Connection system / type of contact	POWER COMBICON 35 / Male connector		
Locking	Threaded flange		
Connection capacity			
Solid / stranded	[mm ²]	0.5 - 35 / 0.5 - 35	
Stranded with ferrules without plastic sleeve	[mm ²]	1 - 35	
Stranded with ferrules with plastic sleeve	[mm ²]	1.5 - 35	
2 conductors with same cross section solid / stranded	[mm ²]	0.5 - 6 / 0.5 - 6	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.5 - 4	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 6	
Conductor cross section AWG/kcmil		20 - 2	
Stripping length	[mm]	20	
Tightening torque	[Nm]	2.5 - 4.5	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	125 / 35	
Surge voltage category/degree of pollution		III / 3	II / 2
Rated insulation voltage	[V]	1000	1000
Rated surge voltage	[kV]	8	8
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	600 / 115	600 / 115
AWG		16-2	16-2
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

PCB plug, Screw connection with tension sleeve, Pitch: 15 mm

IPC 35 HC/...-STGF-SH



Dimensions	[mm]
Length l	155.8
Height h	42.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
4	IPC 35 HC/ 4-STGF-SH-15,00	1784907	10	84.4



Technical data

Connection system / type of contact	POWER COMBICON 35 / Male connector		
Locking	Threaded flange		
Connection capacity			
Solid / stranded	[mm ²]	0.5 - 35 / 0.5 - 35	
Stranded with ferrules without plastic sleeve	[mm ²]	1 - 35	
Stranded with ferrules with plastic sleeve	[mm ²]	1.5 - 35	
2 conductors with same cross section solid / stranded	[mm ²]	0.5 - 6 / 0.5 - 6	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.5 - 4	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 6	
Conductor cross section AWG/kcmil		20 - 2	
Stripping length	[mm]	20	
Tightening torque	[Nm]	2.5 - 4.5	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	125 / 35	
Surge voltage category/degree of pollution		III / 3	II / 2
Rated insulation voltage	[V]	1000	1000
Rated surge voltage	[kV]	8	8
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	600 / 115	600 / 115
AWG		16-2	16-2
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

PCB connectors
Conductor cross section up to 35 mm² (AWG 2)

PCB headers, Pitch: 15 mm

PC 35 HC/...GF, Linear pinning

Diagram and image of PC 35 HC connector with dimensions w, h, and l. Dimensions table: Solder pin length 4.6, Length l 38, Height h 28.5.



Ordering data table with columns: No. of pos., Type, Order No., Pcs./Pkt., Width w [mm]. Rows for 2 to 6 positions.

Icons for WAVE, 1000 V IEC, 125 A IEC, 15 mm pitch, and 35 mm² cross-section.

Technical data table for PC 35 HC connector. Includes connection system, locking, electrical parameters (current, voltage, surge), approval data, and general data.

PCB headers, Pitch: 15 mm

PCV 35 HC/...GF, Linear pinning

Diagram and image of PCV 35 HC connector with dimensions w, h, and l. Dimensions table: Solder pin length 4.6, Length l 28.5, Height h 38.



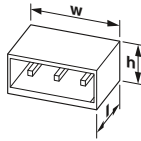
Ordering data table for PCV 35 HC connector with columns: No. of pos., Type, Order No., Pcs./Pkt., Width w [mm]. Rows for 2 to 6 positions.

Icons for WAVE, 1000 V IEC, 125 A IEC, 15 mm pitch, and 35 mm² cross-section.

Technical data table for PCV 35 HC connector. Includes connection system, locking, electrical parameters, approval data, and general data.

PCB headers, Pitch: 15 mm

IPC 35 HC/...-GF, Linear pinning



Dimensions	[mm]
Solder pin length	4.6
Length l	44.9
Height h	28.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	IPC 35 HC/ 2-GF-15,00	1784910	25	54.4
3	IPC 35 HC/ 3-GF-15,00	1784923	25	69.4
4	IPC 35 HC/ 4-GF-15,00	1784936	25	84.4
5	IPC 35 HC/ 5-GF-15,00	1784949	10	99.4
6	IPC 35 HC/ 6-GF-15,00	1784952	10	114.4

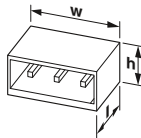


Technical data

Connection system / type of contact		POWER COMBICON 35 / Female connector			
Locking		Threaded flange			
Electrical parameters					
Rated current / conductor cross section		[A] / [mm²]	125 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2	
Rated insulation voltage		[V]	1000	1000	1000
Rated surge voltage		[kV]	8	8	8
Approval data (UL/CUL)					
Use Group		B	C	D	
Nominal voltage/current		[V] / [A]	600 / 115	600 / 115	-
AWG			-	-	-
General data					
Type of insulation material / insulation material group			PBT / IIIa		
Inflammability class in acc. with UL 94			V0		

Feed-through header, Pitch: 15 mm

DFK-IPC 35 HC/...-GF, Linear pinning



Dimensions	[mm]
Solder pin length	4.6
Length l	44.9
Height h	31.7



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DFK-IPC 35 HC/ 2-GF-15,00	1784965	25	62.4
3	DFK-IPC 35 HC/ 3-GF-15,00	1784978	25	77.4
4	DFK-IPC 35 HC/ 4-GF-15,00	1784981	25	92.4
5	DFK-IPC 35 HC/ 5-GF-15,00	1784994	10	107.4
6	DFK-IPC 35 HC/ 6-GF-15,00	1785003	10	122.4



Technical data

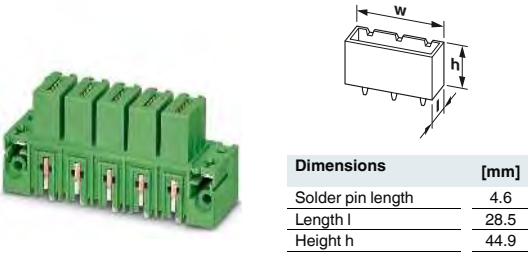
Connection system / type of contact		POWER COMBICON 35 / Female connector		
Locking		Threaded flange		
Electrical parameters				
Rated current / conductor cross section		125 / -		
[A] / [mm²]				
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage		1000	1000	1000
[V]				
Rated surge voltage		8	8	8
[kV]				
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current		600 / 115	600 / 115	-
[V] / [A]				
AWG		-	-	-
General data				
Type of insulation material / insulation material group		PBT / IIIa		
Inflammability class in acc. with UL 94		V0		

PCB connectors

Conductor cross section up to 35 mm² (AWG 2)

PCB headers, Pitch: 15 mm

IPCV 35 HC/...-GF, Linear pinning



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	IPCV 35 HC/ 2-GF-15,00	1793558	25	54.4
3	IPCV 35 HC/ 3-GF-15,00	1793561	25	69.4
4	IPCV 35 HC/ 4-GF-15,00	1793574	25	84.4
5	IPCV 35 HC/ 5-GF-15,00	1793587	10	99.4
6	IPCV 35 HC/ 6-GF-15,00	1793590	10	114.4

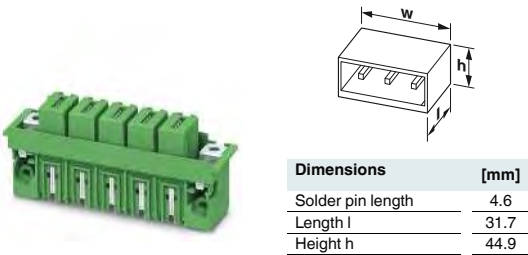


Technical data

Connection system / type of contact		POWER COMBICON 35 / Female connector		
Locking		Threaded flange		
Electrical parameters				
Rated current / conductor cross section		[A] / [mm²]	125 / -	
Surge voltage category/degree of pollution			III/3	III / 2
Rated insulation voltage		[V]	1000	1000
Rated surge voltage		[kV]	8	8
Approval data (UL/CUL)				
Use Group			B	C
Nominal voltage/current		[V] / [A]	600 / 115	600 / 115
AWG			-	-
General data				
Type of insulation material / insulation material group			PBT / IIIa	
Inflammability class in acc. with UL 94			V0	

Feed-through header, Pitch: 15 mm

DFK-IPCV 35 HC/...-GF, Linear pinning



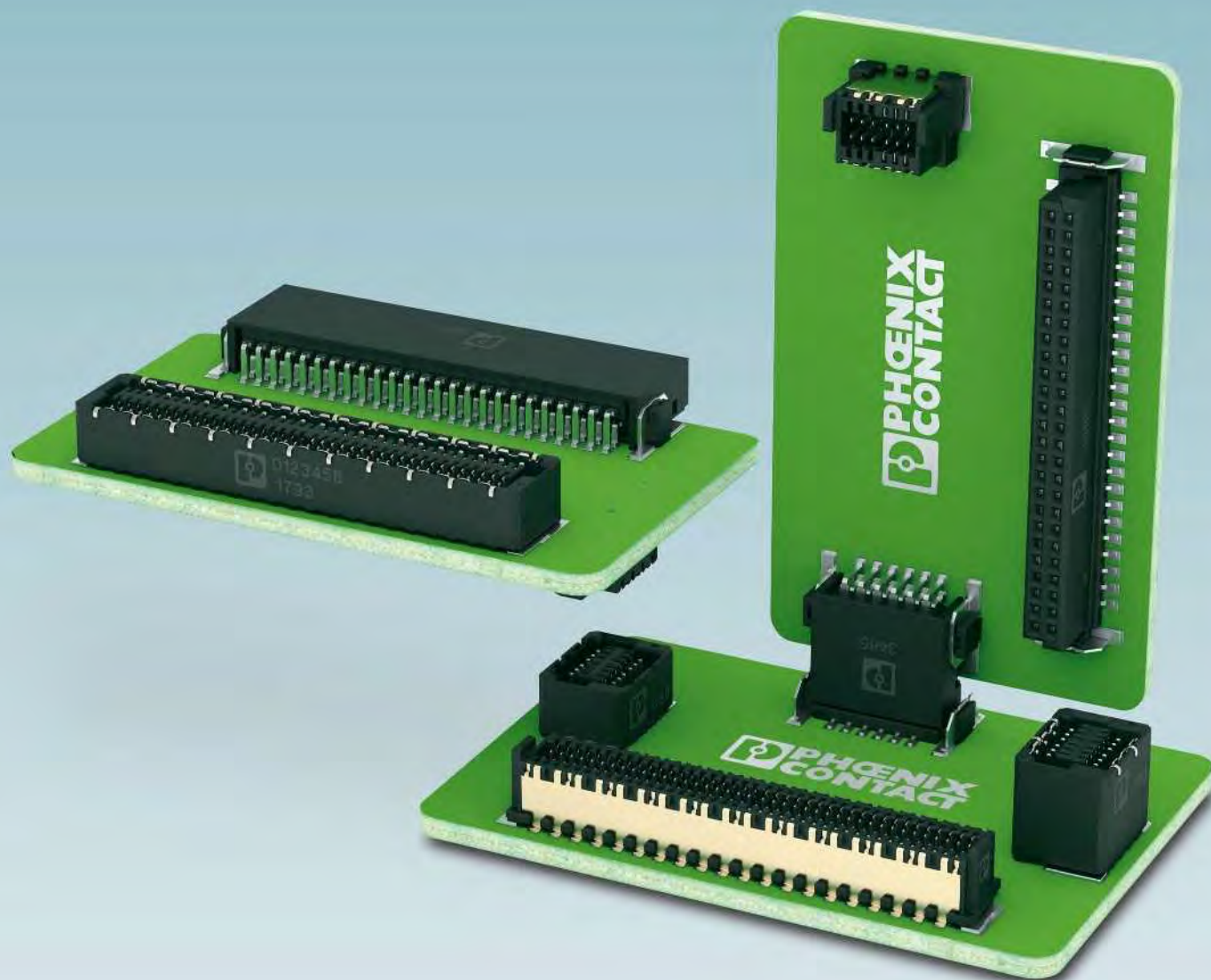
Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	DFK-IPCV 35 HC/ 2-GF-15,00	1793600	25	54.4
3	DFK-IPCV 35 HC/ 3-GF-15,00	1793613	25	69.4
4	DFK-IPCV 35 HC/ 4-GF-15,00	1793626	25	84.4
5	DFK-IPCV 35 HC/ 5-GF-15,00	1793639	10	99.4
6	DFK-IPCV 35 HC/ 6-GF-15,00	1793642	10	114.4



Technical data

Connection system / type of contact		POWER COMBICON 35 / Female connector		
Locking		Threaded flange		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	125 / -		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	8
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 115	600 / 115	-
AWG		-	-	-
General data				
Type of insulation material / insulation material group		PBT / IIIa		
Inflammability class in acc. with UL 94		V0		



Board-to-board connectors

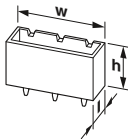
FINEPITCH 0.8 series	
Shielded SMD male connectors	440
Shielded SMD female connectors	441
FINEPITCH 1.27 series	
SMD male connectors	442
SMD female connectors	443
IDC female connectors	445

Board-to-board connectors
FINEPITCH 0.8 series

shielded SMD male connector, Pitch: 0.8 mm

FP 0,8/...-MV-SH 1,15

new



Dimensions	[mm]
Length l	6.1
Height h	1.15

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
12	FP 0,8/ 12-MV-SH 1,15	1043786	500	8.7
20	FP 0,8/ 20-MV-SH 1,15	1053586	500	11.9
32	FP 0,8/ 32-MV-SH 1,15	1043787	500	16.7
52	FP 0,8/ 52-MV-SH 1,15	1043789	500	24.7
80	FP 0,8/ 80-MV-SH 1,15	1043790	500	35.9

Gbit/s16

24 mm

SMD

500 V ACIEC

1,4 AIEC

0,8 mm

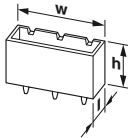
Technical data

Connection system / type of contact	Fine Pitch 0,8 mm / Male connector
Range of positions	12 ... 80
Mounting type	SMD soldering
Connection direction of the connector to the PCB	90 °
EMC note	shielded
Data transmission rate	up to 16 Gbps
Electrical parameters	
Nominal current	[A] 1.4 A (52-pos.)
Test voltage	[V] 500 V AC IEC 60512-4-1:2003
Insulation resistance	[GΩ] ≥ 5 GΩ, (IEC 60512-3-1:2002-02)
Contact resistance	[mΩ] ≤20 mΩ, (IEC 60512-2-1:2002-02)
General data	
Air clearances and creepage distances	[mm] min. 0.25 mm
Ambient temperature (operation)	[°C] -55 °C ... 125 °C
Insertion and withdrawal force per contact	≤ 1.2 N
Coplanarity	≤ 0.1 mm
Service life	500 Insertion/withdrawal cycles, Performance level 1
Type of insulation material / insulation material group	LCP / IIIa
Inflammability class in acc. with UL 94	V0

shielded SMD male connector, Pitch: 0.8 mm

FP 0,8/...-MV-SH 2,65

new



Dimensions	[mm]
Length l	6.1
Height h	2.65

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
12	FP 0,8/ 12-MV-SH 2,65	1043731	250	8.7
20	FP 0,8/ 20-MV-SH 2,65	1053609	250	11.9
32	FP 0,8/ 32-MV-SH 2,65	1043733	250	16.7
52	FP 0,8/ 52-MV-SH 2,65	1043756	250	24.7
80	FP 0,8/ 80-MV-SH 2,65	1043757	250	35.9

Gbit/s16

24 mm

SMD

500 V ACIEC

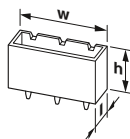
0,8 mm

Technical data

Connection system / type of contact	Fine Pitch 0,8 mm / Male connector
Range of positions	12 ... 80
Mounting type	SMD soldering
Connection direction of the connector to the PCB	90 °
EMC note	shielded
Data transmission rate	up to 16 Gbps
Electrical parameters	
Nominal current	[A] 1.4 A (52-pos.)
Test voltage	[V] 500 V AC IEC 60512-4-1:2003
Insulation resistance	[GΩ] ≥ 5 GΩ, (IEC 60512-3-1:2002-02)
Contact resistance	[mΩ] ≤20 mΩ, (IEC 60512-2-1:2002-02)
General data	
Air clearances and creepage distances	[mm] min. 0.25 mm
Ambient temperature (operation)	[°C] -55 °C ... 125 °C
Insertion and withdrawal force per contact	≤ 1.2 N
Coplanarity	≤ 0.1 mm
Service life	500 Insertion/withdrawal cycles, Performance level 1
Type of insulation material / insulation material group	LCP / IIIa
Inflammability class in acc. with UL 94	V0

Shielded SMD female connector, Pitch: 0.8 mm

FP 0,8/...-FV 4,85



Dimensions	[mm]
Length l	7.1
Height h	4.85

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
12	FP 0,8/ 12-FV-SH 4,85	1043710	500	9.58
20	FP 0,8/ 20-FV-SH 4,85	1053612	500	12.78
32	FP 0,8/ 32-FV-SH 4,85	1043711	500	17.58
52	FP 0,8/ 52-FV-SH 4,85	1043713	500	25.58
80	FP 0,8/ 80-FV-SH 4,85	1043714	500	36.78

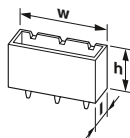


Technical data

Connection system / type of contact	Fine Pitch 0,8 mm / Female connector
Range of positions	12 ... 80
Mounting type	SMD soldering
Connection direction of the connector to the PCB	90 °
EMC note	shielded
Data transmission rate	up to 16 Gbps
Electrical parameters	
Nominal current	1.4 A (52-pos.)
Test voltage	500 V AC IEC 60512-4-1:2003
Insulation resistance	≥ 5 GΩ, (IEC 60512-3-1:2002-02)
Contact resistance	≤ 20 mΩ, (IEC 60512-2-1:2002-02)
General data	
Air clearances and creepage distances	min. 0.25 mm
Ambient temperature (operation)	-55 °C ... 125 °C
Insertion and withdrawal force per contact	≤ 1.2 N
Coplanarity	≤ 0.1 mm
Service life	500 Insertion/withdrawal cycles, Performance level 1
Type of insulation material / insulation material group	LCP / IIIa
Inflammability class in acc. with UL 94	V0

Shielded SMD female connector, Pitch: 0.8 mm

FP 0,8/...-FV-SH 7,85



Dimensions	[mm]
Length l	7.1
Height h	7.85

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
12	FP 0,8/ 12-FV-SH 7,85	1043682	250	9.58
20	FP 0,8/ 20-FV-SH 7,85	1053614	250	12.78
32	FP 0,8/ 32-FV-SH 7,85	1043683	250	17.58
52	FP 0,8/ 52-FV-SH 7,85	1043684	250	25.58
80	FP 0,8/ 80-FV-SH 7,85	1043685	250	36.78



Technical data

Connection system / type of contact	Fine Pitch 0,8 mm / Female connector
Range of positions	12 ... 80
Mounting type	SMD soldering
Connection direction of the connector to the PCB	90 °
EMC note	shielded
Data transmission rate	up to 16 Gbps
Electrical parameters	
Nominal current	1.4 A (52-pos.)
Test voltage	500 V AC IEC 60512-4-1:2003
Insulation resistance	≥ 5 GΩ, (IEC 60512-3-1:2002-02)
Contact resistance	≤ 20 mΩ, (IEC 60512-2-1:2002-02)
General data	
Air clearances and creepage distances	min. 0.25 mm
Ambient temperature (operation)	-55 °C ... 125 °C
Insertion and withdrawal force per contact	≤ 1.2 N
Coplanarity	≤ 0.1 mm
Service life	500 Insertion/withdrawal cycles, Performance level 1
Type of insulation material / insulation material group	LCP / IIIa
Inflammability class in acc. with UL 94	V0

Board-to-board connectors
FINEPITCH 1.27 series

SMD male connector, Pitch: 1.27 mm

FP 1,27/...-MV 1,75, Linear pad geometry

new

Dimensions	[mm]
Length l	6
Height h	1.75



Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
12	FP 1,27/ 12-MV 1,75	1714934	280	12.71
16	FP 1,27/ 16-MV 1,75	1714936	280	15.25
20	FP 1,27/ 20-MV 1,75	1714937	280	17.79
26	FP 1,27/ 26-MV 1,75	1714938	280	21.6
32	FP 1,27/ 32-MV 1,75	1714940	280	25.41
40	FP 1,27/ 40-MV 1,75	1714941	280	30.49
50	FP 1,27/ 50-MV 1,75	1714943	280	36.84
68	FP 1,27/ 68-MV 1,75	1714944	280	48.27
80	FP 1,27/ 80-MV 1,75	1714945	280	55.89

24 mm

SMD

500 V AC
IEC

1,4 A
IEC

1,27 mm

Technical data	
Connection system / type of contact	Fine Pitch 1,27 mm / Male connector
Range of positions	12 ... 80
Mounting type	SMD soldering
Connection direction of the connector to the PCB	90 °
Electrical parameters	
Nominal current	[A] 1.4 A (50-pos.)
Test voltage	[V] 500 V AC
Insulation resistance	[GΩ] ≥ 10 GΩ, (IEC 60512-3-1:2002-02)
Contact resistance	[mΩ] ≤25 mΩ, (IEC 60512-2-1:2002-02)
General data	
Air clearances and creepage distances	[mm] min. 0.4 mm
Ambient temperature (operation)	[°C] -55 °C ... 125 °C
Insertion and withdrawal force per contact	approx. 0.5 N
Coplanarity	≤ 0.1 mm
Service life	500 Insertion/withdrawal cycles, Performance level 1
Type of insulation material / insulation material group	LCP / IIIa
Inflammability class in acc. with UL 94	V0

SMD male connector, Pitch: 1.27 mm

FP 1,27/...-MV 3,25, Linear pad geometry

new

Dimensions	[mm]
Length l	7.2
Height h	3.25



Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
12	FP 1,27/ 12-MV 3,25	1714924	280	12.71
16	FP 1,27/ 16-MV 3,25	1714925	280	15.25
20	FP 1,27/ 20-MV 3,25	1714927	280	17.79
26	FP 1,27/ 26-MV 3,25	1714928	280	21.6
32	FP 1,27/ 32-MV 3,25	1714929	280	25.41
40	FP 1,27/ 40-MV 3,25	1714930	280	30.49
50	FP 1,27/ 50-MV 3,25	1714931	280	36.84
68	FP 1,27/ 68-MV 3,25	1714932	280	48.27
80	FP 1,27/ 80-MV 3,25	1714933	280	55.89

24 mm

SMD

500 V AC
IEC

1,4 A
IEC

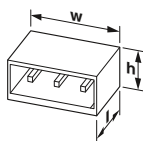
1,27 mm

Technical data	
Connection system / type of contact	Fine Pitch 1,27 mm / Male connector
Range of positions	12 ... 80
Mounting type	SMD soldering
Connection direction of the connector to the PCB	90 °
Electrical parameters	
Nominal current	[A] 1.4 A (50-pos.)
Test voltage	[V] 500 V AC
Insulation resistance	[GΩ] ≥ 10 GΩ, (IEC 60512-3-1:2002-02)
Contact resistance	[mΩ] ≤25 mΩ, (IEC 60512-2-1:2002-02)
General data	
Air clearances and creepage distances	[mm] min. 0.4 mm
Ambient temperature (operation)	[°C] -55 °C ... 125 °C
Insertion and withdrawal force per contact	approx. 0.5 N
Coplanarity	≤ 0.1 mm
Service life	500 Insertion/withdrawal cycles, Performance level 1
Type of insulation material / insulation material group	LCP / IIIa
Inflammability class in acc. with UL 94	V0

SMD male connector, Pitch: 1.27 mm

FP 1,27/...-MH, Linear pad geometry

new



Dimensions	[mm]
Length l	7.2
Height h	4.2



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
12	FP 1,27/ 12-MH	1714912	560	12.71
16	FP 1,27/ 16-MH	1714914	560	15.25
20	FP 1,27/ 20-MH	1714915	560	17.79
26	FP 1,27/ 26-MH	1714916	560	21.6
32	FP 1,27/ 32-MH	1714917	560	25.41
40	FP 1,27/ 40-MH	1714918	560	30.49
50	FP 1,27/ 50-MH	1714920	560	36.84
68	FP 1,27/ 68-MH	1714921	560	48.27
80	FP 1,27/ 80-MH	1714923	560	55.89



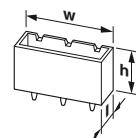
Technical data

Connection system / type of contact	Fine Pitch 1,27 mm / Male connector
Range of positions	12 ... 80
Mounting type	SMD soldering
Connection direction of the connector to the PCB	0 °
Electrical parameters	
Nominal current	[A] 1.4 A (50-pos.)
Test voltage	[V] 500 V AC
Insulation resistance	[GΩ] ≥ 10 GΩ, (IEC 60512-3-1:2002-02)
Contact resistance	[mΩ] ≤ 25 mΩ, (IEC 60512-2-1:2002-02)
General data	
Air clearances and creepage distances	[mm] min. 0.4 mm
Ambient temperature (operation)	[°C] -55 °C ... 125 °C
Insertion and withdrawal force per contact	approx. 0.5 N
Coplanarity	≤ 0.1 mm
Service life	500 Insertion/withdrawal cycles, Performance level 1
Type of insulation material / insulation material group	LCP / IIIa
Inflammability class in acc. with UL 94	V0

SMD female connector, Pitch: 1.27 mm

FP 1,27/...-FV 6,25, Linear pad geometry

new



Dimensions	[mm]
Length l	7.2
Height h	6.2



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
12	FP 1,27/ 12-FV 6,25	1714891	280	12.71
16	FP 1,27/ 16-FV 6,25	1714892	280	15.25
20	FP 1,27/ 20-FV 6,25	1714893	280	17.79
26	FP 1,27/ 26-FV 6,25	1714894	280	21.6
32	FP 1,27/ 32-FV 6,25	1714895	280	25.41
40	FP 1,27/ 40-FV 6,25	1714897	280	30.49
50	FP 1,27/ 50-FV 6,25	1714898	280	36.84
68	FP 1,27/ 68-FV 6,25	1714899	280	48.27
80	FP 1,27/ 80-FV 6,25	1714901	280	55.89



Technical data

Connection system / type of contact	Fine Pitch 1,27 mm / Female connector
Range of positions	12 ... 80
Mounting type	SMD soldering
Connection direction of the connector to the PCB	90 °
Electrical parameters	
Nominal current	[A] 1.4 A (50-pos.)
Test voltage	[V] 500 V AC
Insulation resistance	[GΩ] -
Contact resistance	[mΩ] ≤ 25 mΩ, (IEC 60512-2-1:2002-02)
General data	
Air clearances and creepage distances	[mm] min. 0.4 mm
Ambient temperature (operation)	[°C] -55 °C ... 125 °C
Insertion and withdrawal force per contact	approx. 0.5 N
Coplanarity	≤ 0.1 mm
Service life	500 Insertion/withdrawal cycles, Performance level 1
Type of insulation material / insulation material group	LCP / IIIa
Inflammability class in acc. with UL 94	V0

Board-to-board connectors
FINEPITCH 1.27 series

SMD female connector, Pitch: 1.27 mm

FP 1,27/...-FV 9,05, Linear pad geometry

new

Dimensions [mm]

Length l	7.2
Height h	9.05

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
12	FP 1,27/ 12-FV 9,05	1714999	280	12.71
16	FP 1,27/ 16-FV 9,05	1715000	280	15.25
20	FP 1,27/ 20-FV 9,05	1714881	280	17.79
26	FP 1,27/ 26-FV 9,05	1714882	280	21.6
32	FP 1,27/ 32-FV 9,05	1714884	280	25.41
40	FP 1,27/ 40-FV 9,05	1714885	280	30.49
50	FP 1,27/ 50-FV 9,05	1714886	280	36.84
68	FP 1,27/ 68-FV 9,05	1714888	280	48.27
80	FP 1,27/ 80-FV 9,05	1714889	280	55.89

Technical data

Connection system / type of contact	Fine Pitch 1,27 mm / Female connector
Range of positions	- ... -
Mounting type	SMD soldering
Connection direction of the connector to the PCB	90 °
Electrical parameters	
Nominal current	1.4 A (50-pos.)
Test voltage	500 V AC
Insulation resistance	-
Contact resistance	≤25 mΩ, (IEC 60512-2-1:2002-02)
General data	
Air clearances and creepage distances	min. 0.4 mm
Ambient temperature (operation)	-55 °C ... 125 °C
Insertion and withdrawal force per contact	approx. 0.5 N
Coplanarity	≤ 0.1 mm
Service life	500 Insertion/withdrawal cycles, Performance level 1
Type of insulation material / insulation material group	LCP / IIIa
Inflammability class in acc. with UL 94	V0

SMD female connector, Pitch: 1.27 mm

FP 1,27/...-FH, Linear pad geometry

new

Dimensions [mm]

Length l	7.2
Height h	3.8

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
12	FP 1,27/ 12-FH	1714869	560	12.71
16	FP 1,27/ 16-FH	1714871	560	15.25
20	FP 1,27/ 20-FH	1714872	560	17.79
26	FP 1,27/ 26-FH	1714873	560	21.6
32	FP 1,27/ 32-FH	1714875	560	25.41
40	FP 1,27/ 40-FH	1714877	560	30.49
50	FP 1,27/ 50-FH	1714878	560	36.84
68	FP 1,27/ 68-FH	1714879	560	48.27
80	FP 1,27/ 80-FH	1714880	560	55.89

Technical data

Connection system / type of contact	Fine Pitch 1,27 mm / Female connector
Range of positions	- ... 80
Mounting type	SMD soldering
Connection direction of the connector to the PCB	0 °
Electrical parameters	
Nominal current	1.4 A (50-pos.)
Test voltage	500 V AC
Insulation resistance	-
Contact resistance	≤25 mΩ, (IEC 60512-2-1:2002-02)
General data	
Air clearances and creepage distances	min. 0.4 mm
Ambient temperature (operation)	-55 °C ... 125 °C
Insertion and withdrawal force per contact	approx. 0.5 N
Coplanarity	≤ 0.1 mm
Service life	500 Insertion/withdrawal cycles, Performance level 1
Type of insulation material / insulation material group	LCP / IIIa
Inflammability class in acc. with UL 94	V0

IDC female connector, IDC connection, Pitch: 1.27 mm

FP 1,27/...-FWL



new

Dimensions	[mm]
Length l	4.2
Height h	13.65



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
12	FP 1,27/ 12-FWL	1714902	480	13.78
16	FP 1,27/ 16-FWL	1714903	400	16.32
20	FP 1,27/ 20-FWL	1714904	360	18.86
26	FP 1,27/ 26-FWL	1714905	280	22.67
32	FP 1,27/ 32-FWL	1714907	240	26.48
40	FP 1,27/ 40-FWL	1714908	200	31.56
50	FP 1,27/ 50-FWL	1714909	160	37.91
68	FP 1,27/ 68-FWL	1714910	120	49.34
80	FP 1,27/ 80-FWL	1714911	120	56.96



Technical data

Connection system / type of contact	Fine Pitch 1,27 mm / Female connector
Range of positions	12 ... 80
Locking	-
Electrical parameters	
Nominal current	1.2 A (50-pos.)
Test voltage	500 V AC
Insulation resistance	≥ 10 GΩ, (IEC 60512-3-1:2002-02)
Contact resistance	≤ 10 mΩ, (IEC 60512-2-1:2002-02)
General data	
Air clearances and creepage distances	min. 0.4 mm
Ambient temperature (operation)	-55 °C ... 125 °C
Insertion and withdrawal force per contact	approx. 0.5 N
Service life	500 Insertion/withdrawal cycles, Performance level 1
Type of insulation material / insulation material group	LCP / IIIa
Inflammability class in acc. with UL 94	V0

Assembled IDC female connector, IDC connection, Pitch: 1.27 mm

FP 1,27/...-FWL



new



Technical data

Connection system / type of contact	Fine Pitch 1,27 mm / Female connector
Range of positions	12 ... 80
Locking	-
Connection method	Displacement connection
Assembly variant	Assembly variant 21
Cable length	Free input (0.05 ... 0.95 m)
Electrical parameters	
Nominal current	1.2 A IEC 60512-5-2:2002-02 (50-pos.)
Test voltage	500 V AC IEC 60512-4-1:2003
Contact resistance	≤ 10 mΩ, (IEC 60512-2-1:2002-02)
General data	
Fixed installation ambient temperature	-
Insertion and withdrawal force per contact	approx. 0.5 N
Service life	500 Insertion/withdrawal cycles, Performance level 1
Type of insulation material / insulation material group	LCP / IIIa
Inflammability class in acc. with UL 94	V0

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.
12	FP 1,27/ 12-FWL-21/...J...	1010218	100
16	FP 1,27/ 16-FWL-21/...J...	1010215	100
20	FP 1,27/ 20-FWL-21/...J...	1010212	100
26	FP 1,27/ 26-FWL-21/...J...	1010211	100
32	FP 1,27/ 32-FWL-21/...J...	1010210	100
40	FP 1,27/ 40-FWL-21/...J...	1010204	100
50	FP 1,27/ 50-FWL-21/...J...	1010202	100
68	FP 1,27/ 68-FWL-21/...J...	1010200	100
80	FP 1,27/ 80-FWL-21/...J...	1010180	100

Board-to-board connectors
FINEPITCH 1.27 series

Assembled IDC female connector, IDC connection, Pitch: 1.27 mm

FP 1,27/...-FWL



Table with 4 columns: No. of pos., Type, Order No., and Pcs./ Pkt. It lists various configurations for the FP 1,27/...-FWL series, including 12, 16, 20, 26, 32, 40, 50, 68, and 80 positions.

Technical data table for the FP 1,27/...-FWL connector. It includes details on connection system, range of positions, locking, connection method, assembly variant, cable length, electrical parameters (nominal current, test voltage, contact resistance), general data (fixed installation ambient temperature, insertion and withdrawal force per contact, service life), and insulation material/insulation material group.

Assembled IDC female connector, IDC connection, Pitch: 1.27 mm

FP 1,27/...-FWL



Table with 4 columns: No. of pos., Type, Order No., and Pcs./ Pkt. It lists various configurations for the FP 1,27/...-FWL series, including 12, 16, 20, 26, 32, 40, 50, 68, and 80 positions.

Technical data table for the FP 1,27/...-FWL connector. It includes details on connection system, range of positions, locking, connection method, assembly variant, cable length, electrical parameters (nominal current, test voltage, contact resistance), general data (fixed installation ambient temperature, insertion and withdrawal force per contact, service life), and insulation material/insulation material group.

Assembled IDC female connector, IDC connection, Pitch: 1.27 mm

FP 1,27/...-FWL



new



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.
12	FP 1,27/ 12-FWL-10/.../...	1010259	100
16	FP 1,27/ 16-FWL-10/.../...	1010258	100
20	FP 1,27/ 20-FWL-10/.../...	1010257	100
26	FP 1,27/ 26-FWL-10/.../...	1010256	100
32	FP 1,27/ 32-FWL-10/.../...	1010255	100
40	FP 1,27/ 40-FWL-10/.../...	1010246	100
50	FP 1,27/ 50-FWL-10/.../...	1010254	100
68	FP 1,27/ 68-FWL-10/.../...	1010253	100
80	FP 1,27/ 80-FWL-10/.../...	1010252	100

Technical data

Connection system / type of contact	Fine Pitch 1,27 mm / Female connector
Range of positions	12 ... 80
Locking	-
Connection method	Displacement connection
Assembly variant	Assembly variant 10
Cable length	Free input (0.05 ... 0.95 m)
Electrical parameters	
Nominal current	[A] 1.2 A IEC 60512-5-2:2002-02 (50-pos.)
Test voltage	[V] 500 V AC IEC 60512-4-1:2003
Contact resistance	[mΩ] ≤10 mΩ, (IEC 60512-2-1:2002-02)
General data	
Fixed installation ambient temperature	[°C] -
Insertion and withdrawal force per contact	approx. 0.5 N
Service life	500 Insertion/withdrawal cycles, Performance level 1
Type of insulation material / insulation material group	LCP / IIIa
Inflammability class in acc. with UL 94	V0

Assembled IDC female connector, IDC connection, Pitch: 1.27 mm

FP 1,27/...-FWL



new



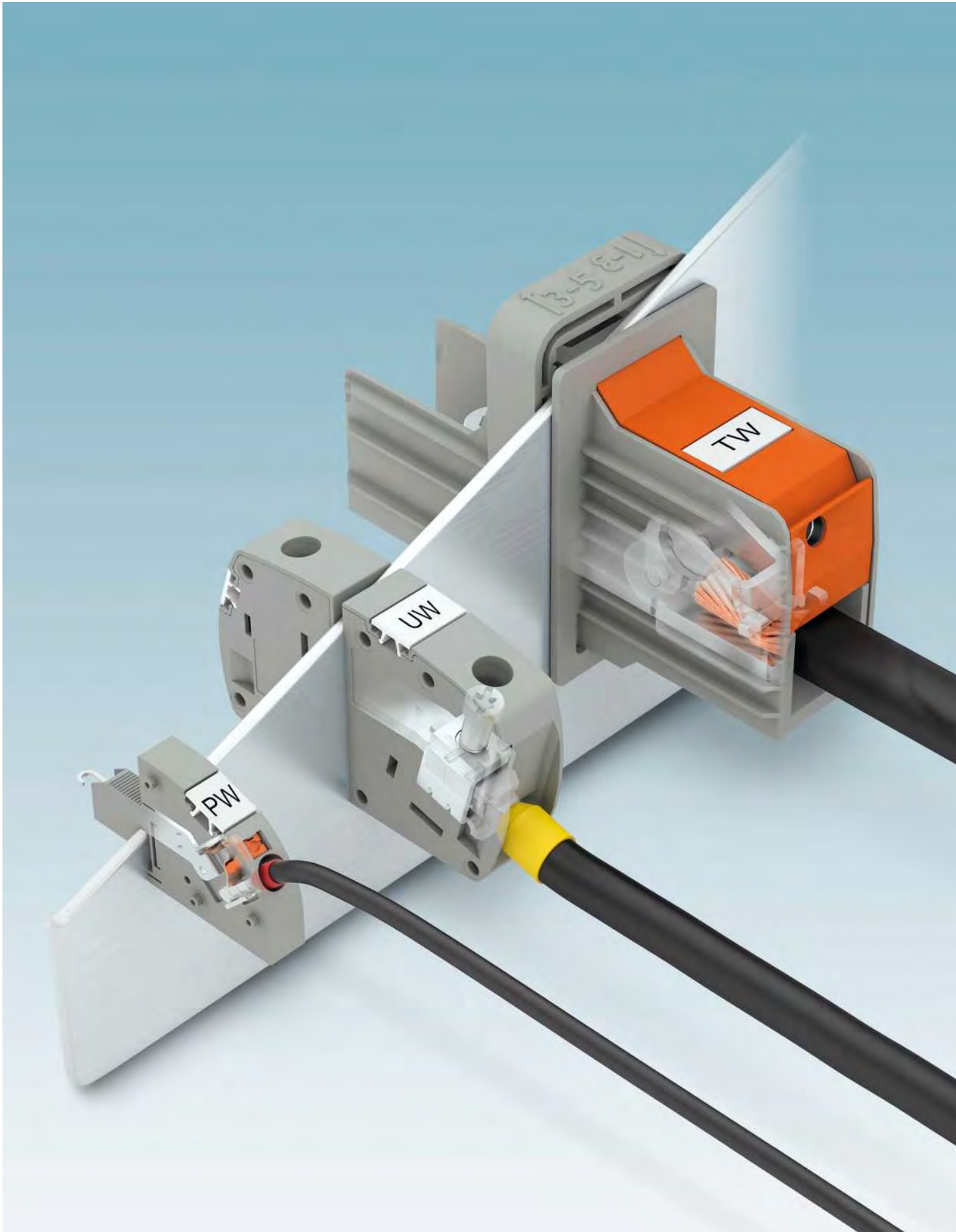
Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.
12	FP 1,27/ 12-FWL-11/.../...	1010580	100
16	FP 1,27/ 16-FWL-11/.../...	1010251	100
20	FP 1,27/ 20-FWL-11/.../...	1010250	100
26	FP 1,27/ 26-FWL-11/.../...	1010248	100
32	FP 1,27/ 32-FWL-11/.../...	1010247	100
40	FP 1,27/ 40-FWL-11/.../...	1010581	100
50	FP 1,27/ 50-FWL-11/.../...	1010245	100
68	FP 1,27/ 68-FWL-11/.../...	1010244	100
80	FP 1,27/ 80-FWL-11/.../...	1010243	100

Technical data

Connection system / type of contact	Fine Pitch 1,27 mm / Female connector
Range of positions	12 ... 80
Locking	-
Connection method	Displacement connection
Assembly variant	Assembly variant 11
Cable length	Free input (0.05 ... 0.95 m)
Electrical parameters	
Nominal current	[A] 1.2 A (50-pos.)
Test voltage	[V] 500 V AC
Contact resistance	[mΩ] ≤10 mΩ, (IEC 60512-2-1:2002-02)
General data	
Fixed installation ambient temperature	[°C] -
Insertion and withdrawal force per contact	approx. 0.5 N
Service life	500 Insertion/withdrawal cycles, Performance level 1
Type of insulation material / insulation material group	LCP / IIIa
Inflammability class in acc. with UL 94	V0

UL



High-current feed-through terminal blocks

Conductor cross section up to 4 mm² (AWG 10)

Screw connection	450
Push-in spring connection	453

Nominal cross section up to 10 mm² (AWG 8)

Screw connection	454
TWIN screw connection	456

Conductor cross section up to 16 mm² (AWG 6)

Screw connection	457
Push-in spring connection	458
Push-lock spring connection	459

Conductor cross section up to 35 mm² (AWG 2)

Screw connection	460
TWIN screw connection	462

Conductor cross section up to 50 mm² (AWG 1/0)

Screw connection	463
T-LOX knee-lever connection	467

Conductor cross section up to 95 mm² (AWG 3/0)

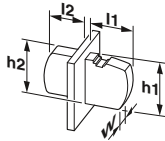
Screw connection	468
T-LOX knee-lever connection	472

High-current panel feed-through terminal blocks

Conductor cross section up to 4 mm² (AWG 10)

Panel feed-through terminal block, Screw connection

VDFK 4



Dimensions	[mm]
Length L1	10.9
Length L2	13.6
Height h1	20.5
Height h2	9.8

UL US ENEC KEMA IEC CB
Ex: Ex

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	VDFK 4	0708250	50	10

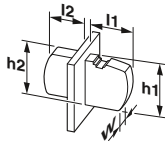


Technical data

Connection method, internal		Solder connection		
Panel thickness	[mm]	1 - 4		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 6 / 0.2 - 4		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 4		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 4		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1.5		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 1.5		
Conductor cross section AWG/kcmil		24 - 10		
Stripping length	[mm]	8		
Tightening torque clamping space	[Nm]	0.6 - 0.8		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	32 / 4		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	500	1000	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 30	150 / 30	300 / 10
AWG		30-10	30-10	30-10
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 30	-	300 / 10
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Panel feed-through terminal block, Screw connection

DFK 4



Dimensions	[mm]
Length L1	21.2
Length L2	16.8
Height h1	22.6
Height h2	19.3

UL US ENEC

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	DFK 4	0708357	50	6.2

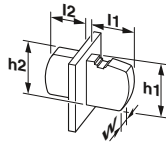


Technical data

Connection method, internal		Solder/Slip-on connection		
Panel thickness	[mm]	- 1.5		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 6 / 0.2 - 4		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 4		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1.5		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 2.5		
Conductor cross section AWG/kcmil		24 - 10		
Stripping length	[mm]	8		
Tightening torque clamping space	[Nm]	0.6 - 0.8		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	17.5 / 1.5		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	400	1000	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	250 / 15	-	150 / 15
AWG		30-10	-	30-10
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V2		

Panel feed-through terminal block, Screw connection

UW 4



Dimensions	[mm]
Length L1	23.6
Length L2	20.8
Height h1	23.5
Height h2	24.8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	UW 4	3073306	50	8.1
1	UW 4/S	3073319	50	8.1

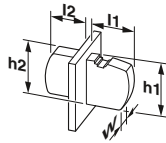


Technical data

Connection method, internal	Screw connection		
Panel thickness	1 - 4		
Connection capacity			
Solid / stranded	0.2 - 6 / 0.2 - 4		
Stranded with ferrules without plastic sleeve	0.25 - 4		
Stranded with ferrules with plastic sleeve	0.25 - 4		
2 conductors with same cross section solid / stranded	0.2 - 1.5 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	0.25 - 1.5		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	0.5 - 2.5		
Conductor cross section AWG/kcmil	24 - 10		
Stripping length	9		
Tightening torque clamping space	0.6 - 0.8		
Electrical parameters			
Rated current / conductor cross section	32 / 4		
Surge voltage category/degree of pollution	III/3	III/2	II/2
Rated insulation voltage	320	320	630
Rated surge voltage	4	4	4
Approval data (UL/CUL)			
Use Group	B	C	D
Nominal voltage/current	300 / 30	300 / 30	600 / 5
AWG	24-10	24-10	24-10
Approval data (CSA)			
Use Group	B	C	D
Nominal voltage/current	300 / 30	300 / 30	600 / 30
General data			
Type of insulation material / insulation material group	PA / I		
Inflammability class in acc. with UL 94	V0		

Panel feed-through terminal block, Screw connection

UW 4-POT-SCM



Dimensions	[mm]
Length L1	23.6
Length L2	-
Height h1	23.5
Height h2	27



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	UW 4-POT-SCM	3056996	50	8.1
1	UW 4-POT-SCM/S	3056909	50	8.1



Technical data

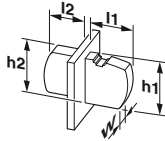
Connection method, internal	Slip-on connection		
Panel thickness	1 - 4		
Connection capacity			
Solid / stranded	0.2 - 6 / 0.2 - 4		
Stranded with ferrules without plastic sleeve	0.25 - 4		
Stranded with ferrules with plastic sleeve	0.25 - 4		
2 conductors with same cross section solid / stranded	0.2 - 1.5 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	0.25 - 1.5		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	0.5 - 2.5		
Conductor cross section AWG/kcmil	24 - 10		
Stripping length	10		
Tightening torque clamping space	0.6 - 0.8		
Electrical parameters			
Rated current / conductor cross section	32 / 4		
Surge voltage category/degree of pollution	III/3	III/2	II/2
Rated insulation voltage	800	1000	500
Rated surge voltage	8	8	8
Approval data (UL/CUL)			
Use Group	B	C	D
Nominal voltage/current	300 / 30	300 / 30	600 / 5
AWG	24-10	24-10	24-10
Approval data (CSA)			
Use Group	B	C	D
Nominal voltage/current	300 / 30	300 / 30	600 / 30
General data			
Type of insulation material / insulation material group	PA / I		
Inflammability class in acc. with UL 94	V0		

High-current panel feed-through terminal blocks

Conductor cross section up to 4 mm² (AWG 10)

Panel feed-through terminal block, Screw connection

UW 4-POT-SL



Dimensions	[mm]
Length L1	23.6
Length L2	20.8
Height h1	23.5
Height h2	27



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	UW 4-POT-SL	3059757	50	8.1
1	UW 4-POT-SL/S	3059760	50	8.1

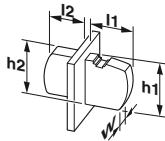


Technical data

Connection method, internal		Solder connection		
Panel thickness	[mm]	1 - 4		
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 6 / 0.2 - 4		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 4		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 4		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.25 - 1.5		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 2.5		
Conductor cross section AWG/kcmil		24 - 10		
Stripping length	[mm]	10		
Tightening torque clamping space	[Nm]	0.6 - 0.8		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	32 / 4		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	800	1000	500
Rated surge voltage	[kV]	8	8	8
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 30	300 / 30	600 / 5
AWG		24-10	24-10	24-10
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 30	300 / 30	600 / 30
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Panel feed-through terminal block, Screw connection

UWV 4



Dimensions	[mm]
Length L1	26.8
Length L2	20.8
Height h1	25.3
Height h2	24.8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	UWV 4	3073380	50	8.1
1	UWV 4/S	3073393	50	8.1

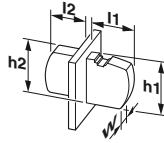


Technical data

Connection method, internal		Screw connection		
Panel thickness	[mm]	1 - 4		
Connection capacity				
Solid / stranded	[mm²]	0.2 - 6 / 0.2 - 4		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 4		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 4		
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.25 - 1.5		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 2.5		
Conductor cross section AWG/kcmil		24 - 10		
Stripping length	[mm]	9		
Tightening torque clamping space	[Nm]	0.6 - 0.8		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	32 / 4		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	320	320	630
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 30	300 / 30	600 / 5
AWG		24-10	24-10	24-10
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 30	300 / 30	600 / 30
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Panel feed-through terminal block, Push-in spring connection

PW 4-POT-SCM



Dimensions	[mm]
Length L1	30.5
Length L2	15
Height h1	30
Height h2	27



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	PW 4-POT-SCM	3056938	50	8.1
1	PW 4-POT-SCM/S	3056941	50	8.1

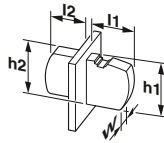


Technical data

Connection method, internal	Slip-on connection
Panel thickness	1 - 4
Connection capacity	
Solid / stranded	0.2 - 4 / 0.2 - 6
Stranded with ferrules without plastic sleeve	0.25 - 6
Stranded with ferrules with plastic sleeve	0.25 - 4
2 conductors with same cross section solid / stranded	- / -
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	-
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	0.5 - 1
Conductor cross section AWG/kcmil	24 - 12
Stripping length	10
Tightening torque clamping space	-
Electrical parameters	
Rated current / conductor cross section	18 / 4
Surge voltage category/degree of pollution	III/3 III/2 II/2
Rated insulation voltage	800 1000 1000
Rated surge voltage	8 8 8
Approval data (UL/CUL)	
Use Group	B C D
Nominal voltage/current	300 / 30 300 / 30 600 / 5
AWG	24-10 24-10 24-10
Approval data (CSA)	
Use Group	B C D
Nominal voltage/current	300 / 30 300 / 30 600 / 5
General data	
Type of insulation material / insulation material group	PA / I
Inflammability class in acc. with UL 94	V0

Panel feed-through terminal block, Push-in spring connection

PW 4-POT-SL



Dimensions	[mm]
Length L1	30.5
Length L2	22.2
Height h1	30
Height h2	27



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	PW 4-POT-SL	3059731	50	8.1
1	PW 4-POT-SL/S	3059744	50	8.1



Technical data

Connection method, internal	Solder connection
Panel thickness	1 - 4
Connection capacity	
Solid / stranded	0.2 - 4 / 0.2 - 6
Stranded with ferrules without plastic sleeve	0.25 - 6
Stranded with ferrules with plastic sleeve	0.25 - 4
2 conductors with same cross section solid / stranded	- / -
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	-
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	0.5 - 1
Conductor cross section AWG/kcmil	24 - 12
Stripping length	10
Tightening torque clamping space	-
Electrical parameters	
Rated current / conductor cross section	32 / 4
Surge voltage category/degree of pollution	III/3 III/2 II/2
Rated insulation voltage	800 1000 1000
Rated surge voltage	8 8 8
Approval data (UL/CUL)	
Use Group	B C D
Nominal voltage/current	300 / 30 300 / 30 600 / 5
AWG	24-10 24-10 24-10
Approval data (CSA)	
Use Group	B C D
Nominal voltage/current	300 / 30 - 300 / 10
General data	
Type of insulation material / insulation material group	PA / I
Inflammability class in acc. with UL 94	V0

High-current panel feed-through terminal blocks
Nominal cross section up to 10 mm² (AWG 8)

Panel feed-through terminal block, Screw connection

VDFK 6

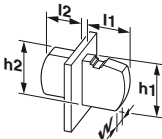


Table with 2 columns: Dimensions, [mm]. Rows include Length l1 (15.5), Length l2 (10.4), Height h1 (31.5), and Height h2 (-).



Ordering data

Table with 5 columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Row 1: 1, VDFK 6, 0711027, 50, 10.

Icons for 0° angle, screw connection, 500 V rating, 57 A rating, and 6 mm² cross-section.

Technical data table for VDFK 6. Columns include Connection method, internal; Panel thickness; Connection capacity; Solid / stranded; Stranded with ferrules without plastic sleeve; Stranded with ferrules with plastic sleeve; 2 conductors with same cross section solid / stranded; 2 conductors with same cross section, stranded, with ferrule without plastic sleeve; 2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve; Conductor cross section AWG/kcmil; Stripping length; Tightening torque clamping space; Electrical parameters; Rated current / conductor cross section; Surge voltage category/degree of pollution; Rated insulation voltage; Rated surge voltage; Approval data (UL/CUL); Use Group; Nominal voltage/current; AWG; Approval data (CSA); Use Group; Nominal voltage/current; General data; Type of insulation material / insulation material group; Inflammability class in acc. with UL 94.

Panel feed-through terminal block, Screw connection

UW 10

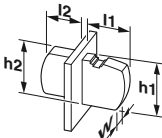


Table with 2 columns: Dimensions, [mm]. Rows include Length l1 (29), Length l2 (23.5), Height h1 (31), and Height h2 (29).



Ordering data

Table with 5 columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows include 1, UW 10 (3073322, 50, 10.1) and 1, UW 10/S (3073335, 50, 10.1).

Icons for 0° angle, screw connection, 500 V rating, 76 A rating, and 10 mm² cross-section.

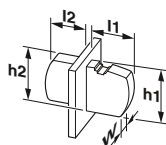
Technical data table for UW 10. Columns include Connection method, internal; Panel thickness; Connection capacity; Solid / stranded; Stranded with ferrules without plastic sleeve; Stranded with ferrules with plastic sleeve; 2 conductors with same cross section solid / stranded; 2 conductors with same cross section, stranded, with ferrule without plastic sleeve; 2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve; Conductor cross section AWG/kcmil; Stripping length; Tightening torque clamping space; Electrical parameters; Rated current / conductor cross section; Surge voltage category/degree of pollution; Rated insulation voltage; Rated surge voltage; Approval data (UL/CUL); Use Group; Nominal voltage/current; AWG; Approval data (CSA); Use Group; Nominal voltage/current; General data; Type of insulation material / insulation material group; Inflammability class in acc. with UL 94.

High-current panel feed-through terminal blocks

Nominal cross section up to 10 mm² (AWG 8)

Panel feed-through terminal block, Screw connection

UW 10-POT



Dimensions	[mm]
Length L1	29
Length L2	18.3
Height h1	31
Height h2	21



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	UW 10-POT	3073461	50	10.1
1	UW 10-POT/S	3073474	50	10.1

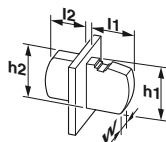


Technical data

Connection method, internal		Solder connection		
Panel thickness	[mm]	1 - 4		
Connection capacity				
Solid / stranded	[mm ²]	0.5 - 16 / 0.5 - 10		
Stranded with ferrules without plastic sleeve	[mm ²]	0.5 - 10		
Stranded with ferrules with plastic sleeve	[mm ²]	0.5 - 10		
2 conductors with same cross section solid / stranded	[mm ²]	0.5 - 4 / 0.5 - 4		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.5 - 2.5		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 6		
Conductor cross section AWG/kcmil		20 - 6		
Stripping length	[mm]	11		
Tightening torque clamping space	[Nm]	1.5 - 1.8		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	57 / 10		
Surge voltage category/degree of pollution		III/3	III/2	II/2
Rated insulation voltage	[V]	500	630	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 65	300 / 65	600 / 5
AWG		20-6	20-6	20-6
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	-	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Panel feed-through terminal block, Screw connection

UWV 10



Dimensions	[mm]
Length L1	32
Length L2	23.5
Height h1	33
Height h2	29



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	UWV 10	3073403	50	10.1
1	UWV 10/S	3073416	50	10.1



Technical data

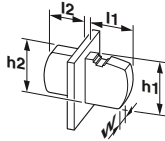
Connection method, internal		Screw connection		
Panel thickness	[mm]	1 - 4		
Connection capacity				
Solid / stranded	[mm ²]	0.5 - 16 / 0.5 - 10		
Stranded with ferrules without plastic sleeve	[mm ²]	0.5 - 10		
Stranded with ferrules with plastic sleeve	[mm ²]	0.5 - 10		
2 conductors with same cross section solid / stranded	[mm ²]	0.5 - 4 / 0.5 - 4		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	0.5 - 2.5		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	0.5 - 6		
Conductor cross section AWG/kcmil		20 - 6		
Stripping length	[mm]	11		
Tightening torque clamping space	[Nm]	1.5 - 1.8		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	57 / 10		
Surge voltage category/degree of pollution		III/3	III/2	II/2
Rated insulation voltage	[V]	500	630	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 65	300 / 65	600 / 5
AWG		20-6	20-6	20-6
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 65	300 / 65	600 / 65
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

High-current panel feed-through terminal blocks

Nominal cross section up to 10 mm² (AWG 8)

Panel feed-through terminal block, Screw connection

UWV 10-POT



Dimensions	[mm]
Length L1	32
Length L2	15
Height h1	33
Height h2	21



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	UWV 10-POT	3073526	50	10.1
1	UWV 10-POT/S	3073539	50	10.1

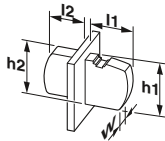


Technical data

Connection method, internal		Solder connection		
Panel thickness	[mm]	1 - 4		
Connection capacity				
Solid / stranded	[mm²]	0.5 - 16 / 0.5 - 10		
Stranded with ferrules without plastic sleeve	[mm²]	0.5 - 10		
Stranded with ferrules with plastic sleeve	[mm²]	0.5 - 10		
2 conductors with same cross section solid / stranded	[mm²]	0.5 - 4 / 0.5 - 4		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.5 - 2.5		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 6		
Conductor cross section AWG/kcmil		20 - 6		
Stripping length	[mm]	11		
Tightening torque clamping space	[Nm]	1.5 - 1.8		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	57 / 10		
Surge voltage category/degree of pollution		III / 3	III / 2	II / 2
Rated insulation voltage	[V]	500	630	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 65	300 / 65	600 / 5
AWG		20-6	20-6	20-6
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 65	300 / 65	600 / 65
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Panel feed-through terminal block, Screw connection

HDFKV 10-TWIN



Dimensions	[mm]
Length L1	31
Length L2	18
Height h1	35
Height h2	28.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	HDFKV 10-TWIN	0709550	50	10.1

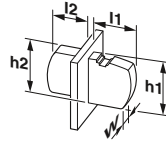


Technical data

Connection method, internal		Screw connection		
Panel thickness	[mm]	1 - 4		
Connection capacity				
Solid / stranded	[mm²]	0.5 - 16 / 0.5 - 10		
Stranded with ferrules without plastic sleeve	[mm²]	0.5 - 10		
Stranded with ferrules with plastic sleeve	[mm²]	0.5 - 10		
2 conductors with same cross section solid / stranded	[mm²]	0.5 - 4 / 0.5 - 4		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	0.5 - 2.5		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	0.5 - 6		
Conductor cross section AWG/kcmil		20 - 6		
Stripping length	[mm]	11		
Tightening torque clamping space	[Nm]	1.5 - 1.8		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	57 / 10		
Surge voltage category/degree of pollution		III / 3	III / 2	II / 2
Rated insulation voltage	[V]	400	1000	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 65	150 / 65	300 / 10
AWG		24-6	24-6	24-6
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	300 / 65	-	300 / 10
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Panel feed-through terminal block, Screw connection

UW 16



Dimensions	[mm]
Length L1	36.8
Length L2	29.5
Height h1	41.1
Height h2	38.3



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	UW 16	3073348	50	12.1
1	UW 16/S	3073351	50	12.1

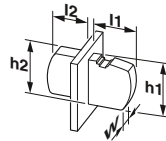


Technical data

Connection method, internal	Screw connection		
Panel thickness	1 - 6		
Connection capacity			
Solid / stranded	6 - 25 / 6 - 16		
Stranded with ferrules without plastic sleeve	6 - 16		
Stranded with ferrules with plastic sleeve	6 - 16		
2 conductors with same cross section solid / stranded	2.5 - 10 / 2.5 - 6		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	4 - 6		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	4 - 6		
Conductor cross section AWG/kcmil	10 - 4		
Stripping length	16		
Tightening torque clamping space	2 - 2.3		
Electrical parameters			
Rated current / conductor cross section	76 / 16		
Surge voltage category/degree of pollution	III/3	III / 2	II / 2
Rated insulation voltage	500	630	1000
Rated surge voltage	6	6	6
Approval data (UL/CUL)			
Use Group	B	C	D
Nominal voltage/current	600 / 85	600 / 85	-
AWG	10-4	10-4	-
Approval data (CSA)			
Use Group	B	C	D
Nominal voltage/current	-	-	-
General data			
Type of insulation material / insulation material group	PA / I		
Inflammability class in acc. with UL 94	V0		

Panel feed-through terminal block, Screw connection

UW 16-POT



Dimensions	[mm]
Length L1	36.8
Length L2	23.7
Height h1	41.1
Height h2	26



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	UW 16-POT	3073487	50	12.1
1	UW 16-POT/S	3073490	50	12.1



Technical data

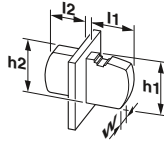
Connection method, internal	Cable lug connection		
Panel thickness	1 - 6		
Connection capacity			
Solid / stranded	6 - 25 / 6 - 16		
Stranded with ferrules without plastic sleeve	6 - 16		
Stranded with ferrules with plastic sleeve	6 - 16		
2 conductors with same cross section solid / stranded	2.5 - 10 / 2.5 - 6		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	4 - 6		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	4 - 6		
Conductor cross section AWG/kcmil	10 - 4		
Stripping length	16		
Tightening torque clamping space	2 - 2.3		
Electrical parameters			
Rated current / conductor cross section	76 / 16		
Surge voltage category/degree of pollution	III/3	III / 2	II / 2
Rated insulation voltage	500	630	1000
Rated surge voltage	6	6	6
Approval data (UL/CUL)			
Use Group	B	C	D
Nominal voltage/current	600 / 85	600 / 85	-
AWG	10-4	10-4	-
Approval data (CSA)			
Use Group	B	C	D
Nominal voltage/current	600 / 80	600 / 80	-
General data			
Type of insulation material / insulation material group	PA / I		
Inflammability class in acc. with UL 94	V0		

High-current panel feed-through terminal blocks

Conductor cross section up to 16 mm² (AWG 6)

Panel feed-through terminal block, Push-in spring connection

PWO 16-POT



Dimensions	[mm]
Length L1	39.7
Length L2	23.1
Height h1	44.4
Height h2	26



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	PWO 16-POT	1705653	50	12
1	PWO 16-POT/S	1705654	50	12

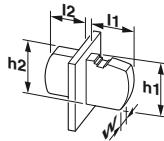


Technical data

Connection method, internal		Cable lug connection		
Panel thickness	[mm]	1 - 6		
Connection capacity				
Solid / stranded	[mm ²]	1.5 - 16 / 1.5 - 16		
Stranded with ferrules without plastic sleeve	[mm ²]	1.5 - 16		
Stranded with ferrules with plastic sleeve	[mm ²]	1.5 - 16		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	1.5 - 4		
Conductor cross section AWG/kcmil		14 - 4		
Stripping length	[mm]	18		
Tightening torque clamping space	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	76 / 16		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 66	600 / 66	-
AWG		14-4	14-4	-
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	-	600 / 66	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Panel feed-through terminal block, Push-in spring connection

PWO 16 - UW



Dimensions	[mm]
Length L1	39.7
Length L2	29.5
Height h1	44.4
Height h2	38.3



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	PWO 16-UW	1844387	50	12
1	PWO 16-UW/S	1844390	50	12



Technical data

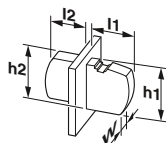
Connection method, internal		Screw connection		
Panel thickness	[mm]	1 - 6		
Connection capacity				
Solid / stranded	[mm ²]	1.5 - 16 / 1.5 - 16		
Stranded with ferrules without plastic sleeve	[mm ²]	1.5 - 16		
Stranded with ferrules with plastic sleeve	[mm ²]	1.5 - 16		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	1.5 - 4		
Conductor cross section AWG/kcmil		14 - 4		
Stripping length	[mm]	18		
Tightening torque clamping space	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	76 / 16		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	800	1000	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 66	600 / 66	-
AWG		14-4	14-4	-
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 66	600 / 66	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

High-current panel feed-through terminal blocks

Conductor cross section up to 16 mm² (AWG 6)

Panel feed-through terminal block, Push-lock spring connection

PLW 16



Dimensions	[mm]
Length l1	25.7
Length l2	20.27
Height h1	43
Height h2	42.8



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
3	PLW 16-6/ 3-10	1821067	15	54.4
4	PLW 16-6/ 4-10	1821070	15	64.4
5	PLW 16-6/ 5-10	1821083	15	74.4



Technical data

Connection method, internal		Push-in connection		
Panel thickness	[mm]	19.26 -		
Connection capacity				
Solid / stranded	[mm ²]	2.5 - 16 / 2.5 - 25		
Stranded with ferrules without plastic sleeve	[mm ²]	2.5 - 16		
Stranded with ferrules with plastic sleeve	[mm ²]	2.5 - 16		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		14 - 4		
Stripping length	[mm]	18		
Tightening torque clamping space	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	41 / 16		
Surge voltage category/degree of pollution		III / 3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	8
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	-	-	-
AWG		-	-	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

High-current panel feed-through terminal blocks
Conductor cross section up to 35 mm² (AWG 2)

Panel feed-through terminal block, Screw connection

UW 25

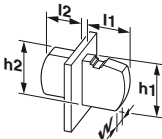


Table with 2 columns: Dimensions, [mm]. Rows include Length l1, Length l2, Height h1, and Height h2.



Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows for UW 25 and UW 25/S.

Icons for 0° angle, screw connection, 800 V IEC, 125 A IEC, and 25 mm² cross-section.

Technical data table for UW 25. Includes connection method, electrical parameters (rated current, voltage, surge), approval data (UL/CUL), and general data (insulation material, flammability).

Panel feed-through terminal block, Screw connection

UW 25-POT

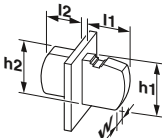


Table with 2 columns: Dimensions, [mm]. Rows include Length l1, Length l2, Height h1, and Height h2.



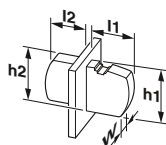
Ordering data table with columns: No. of pos., Type, Order No., Pcs./ Pkt., Width w [mm]. Rows for UW 25-POT and UW 25-POT/S.

Icons for 0° angle, screw connection, 800 V IEC, 125 A IEC, and 25 mm² cross-section.

Technical data table for UW 25-POT. Includes connection method, electrical parameters (rated current, voltage, surge), approval data (UL/CUL), and general data (insulation material, flammability).

Panel feed-through terminal block, Screw connection

UWV 25



Dimensions	[mm]
Length L1	45.5
Length L2	33.3
Height h1	54.8
Height h2	45



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	UWV 25	3073445	25	15.1
1	UWV 25/S	3073458	25	15.1

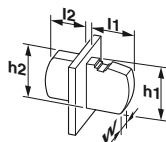


Technical data

Connection method, internal		Screw connection		
Panel thickness	[mm]	1 - 6		
Connection capacity				
Solid / stranded	[mm ²]	6 - 35 / 10 - 25		
Stranded with ferrules without plastic sleeve	[mm ²]	4 - 25		
Stranded with ferrules with plastic sleeve	[mm ²]	4 - 25		
2 conductors with same cross section solid / stranded	[mm ²]	2.5 - 10 / 4 - 10		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	2.5 - 10		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	2.5 - 10		
Conductor cross section AWG/kcmil		10 - 2		
Stripping length	[mm]	19		
Tightening torque clamping space	[Nm]	4 - 4.5		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	101 / 25		
Surge voltage category/degree of pollution		III/3	III/2	II/2
Rated insulation voltage	[V]	630	1000	1000
Rated surge voltage	[kV]	8	8	8
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 112.5	600 / 112.5	-
AWG		10-2	10-2	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Panel feed-through terminal block, Screw connection

UWV 25-POT



Dimensions	[mm]
Length L1	45.5
Length L2	28.6
Height h1	54.8
Height h2	30



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	UWV 25-POT	3073568	25	15.1
1	UWV 25-POT/S	3073571	25	15.1



Technical data

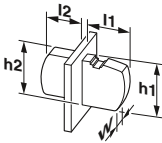
Connection method, internal		Cable lug connection		
Panel thickness	[mm]	1 - 6		
Connection capacity				
Solid / stranded	[mm ²]	6 - 35 / 10 - 25		
Stranded with ferrules without plastic sleeve	[mm ²]	4 - 25		
Stranded with ferrules with plastic sleeve	[mm ²]	4 - 25		
2 conductors with same cross section solid / stranded	[mm ²]	2.5 - 10 / 4 - 10		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	2.5 - 10		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	2.5 - 10		
Conductor cross section AWG/kcmil		10 - 2		
Stripping length	[mm]	19		
Tightening torque clamping space	[Nm]	4 - 4.5		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	101 / 25		
Surge voltage category/degree of pollution		III/3	III/2	II/2
Rated insulation voltage	[V]	630	1000	1000
Rated surge voltage	[kV]	8	8	8
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 112.5	600 / 112.5	-
AWG		10-2	10-2	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

High-current panel feed-through terminal blocks

Conductor cross section up to 35 mm² (AWG 2)

Panel feed-through terminal block, Screw connection

HDFKV 25-TWIN



Dimensions	[mm]
Length l1	44.5
Length l2	30
Height h1	56.4
Height h2	45



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	HDFKV 25-TWIN	0709563	25	15.1

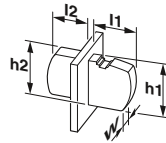


Technical data

Connection method, internal		Screw connection		
Panel thickness	[mm]	1 - 6		
Connection capacity				
Solid / stranded	[mm²]	6 - 35 / 10 - 25		
Stranded with ferrules without plastic sleeve	[mm²]	4 - 25		
Stranded with ferrules with plastic sleeve	[mm²]	4 - 25		
2 conductors with same cross section solid / stranded	[mm²]	2.5 - 10 / 4 - 10		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	2.5 - 10		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	2.5 - 10		
Conductor cross section AWG/kcmil		10 - 2		
Stripping length	[mm]	19		
Tightening torque clamping space	[Nm]	4 - 4.5		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	101 / 25		
Surge voltage category/degree of pollution		III / 3	III / 2	II / 2
Rated insulation voltage	[V]	500	1000	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 115	600 / 115	-
AWG		8-2	8-2	-
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 100	600 / 100	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Panel feed-through terminal block, Screw connection

UW 50



Dimensions	[mm]
Length L1	35
Length L2	45.3
Height h1	54
Height h2	54

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	UW 50/S	1713709	20	18.8

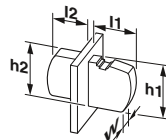


Technical data

Connection method, internal		Screw connection		
Panel thickness	[mm]	1 - 4		
Connection capacity		16 - 50 / 16 - 50		
Solid / stranded	[mm ²]	10 - 50		
Stranded with ferrules without plastic sleeve	[mm ²]	10 - 50		
Stranded with ferrules with plastic sleeve	[mm ²]	6 - 16 / 10 - 16		
2 conductors with same cross section solid / stranded	[mm ²]	6 - 16		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		-		
Stripping length	[mm]	24		
Tightening torque clamping space	[Nm]	6 - 8		
Electrical parameters		150 / 50		
Rated current / conductor cross section	[A] / [mm ²]	III / 3		
Surge voltage category/degree of pollution		III / 2	II / 2	
Rated insulation voltage	[V]	800	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 151	600 / 151	-
AWG		6	6	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Panel feed-through terminal block, Screw connection

UWV 50



Dimensions	[mm]
Length L1	35
Length L2	55
Height h1	54
Height h2	56

Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	UWV 50/S	1713711	20	18.8



Technical data

Connection method, internal		Screw connection		
Panel thickness	[mm]	1 - 4		
Connection capacity		16 - 50 / 16 - 50		
Solid / stranded	[mm ²]	10 - 50		
Stranded with ferrules without plastic sleeve	[mm ²]	10 - 50		
Stranded with ferrules with plastic sleeve	[mm ²]	6 - 16 / 10 - 16		
2 conductors with same cross section solid / stranded	[mm ²]	6 - 16		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		-		
Stripping length	[mm]	24		
Tightening torque clamping space	[Nm]	6 - 8		
Electrical parameters		150 / 50		
Rated current / conductor cross section	[A] / [mm ²]	III / 3		
Surge voltage category/degree of pollution		III / 2	II / 2	
Rated insulation voltage	[V]	800	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 151	600 / 151	-
AWG		6	6	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

High-current panel feed-through terminal blocks

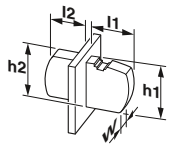
Conductor cross section up to 50 mm² (AWG 1/0)

Panel feed-through terminal block, Screw connection

UW 50-POT

new





Dimensions		[mm]
Length l1		30
Length l2		45.3
Height h1		32
Height h2		54



Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	UW 50-POT/S	1713843	25	18.8



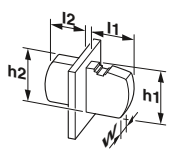
Technical data			
Connection method, internal		Cable lug connection	
Panel thickness	[mm]	1 - 4	
Connection capacity			
Solid / stranded	[mm²]	16 - 50 / 16 - 50	
Stranded with ferrules without plastic sleeve	[mm²]	10 - 50	
Stranded with ferrules with plastic sleeve	[mm²]	10 - 50	
2 conductors with same cross section solid / stranded	[mm²]	6 - 16 / 10 - 16	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	6 - 16	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-	
Conductor cross section AWG/kcmil		-	
Stripping length	[mm]	24	
Tightening torque clamping space	[Nm]	6 - 8	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	150 / 50	
Surge voltage category/degree of pollution		III/3	II / 2
Rated insulation voltage	[V]	800	1000
Rated surge voltage	[kV]	8	6
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	600 / 151	600 / 151
AWG		6	-
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Panel feed-through terminal block, Screw connection

UWV 50-POT

new





Dimensions		[mm]
Length l1		30
Length l2		45.3
Height h1		32
Height h2		54



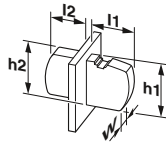
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	UWV 50-POT/S	1713845	20	18.8



Technical data			
Connection method, internal		Cable lug connection	
Panel thickness	[mm]	1 - 4	
Connection capacity			
Solid / stranded	[mm ²]	16 - 50 / 16 - 50	
Stranded with ferrules without plastic sleeve	[mm ²]	10 - 50	
Stranded with ferrules with plastic sleeve	[mm ²]	10 - 50	
2 conductors with same cross section solid / stranded	[mm ²]	6 - 16 / 10 - 16	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	6 - 16	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-	
Conductor cross section AWG/kcmil		-	
Stripping length	[mm]	24	
Tightening torque clamping space	[Nm]	6 - 8	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm ²]	150 / 50	
Surge voltage category/degree of pollution		III/3	II / 2
Rated insulation voltage	[V]	800	1000
Rated surge voltage	[kV]	8	6
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	600 / 151	600 / 151
AWG		6	-
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Panel feed-through terminal block, Screw connection

HDFK 50

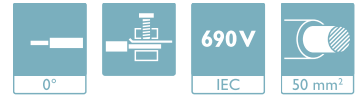


Dimensions	[mm]
Length L1	43
Length L2	35
Height h1	54
Height h2	55



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	HDFK 50	0708739	10	18.8
1	HDFK 50/Z	0705017	10	18.8

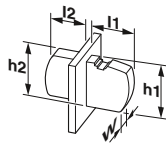


Technical data

Connection method, internal	Screw connection		
Panel thickness	1 - 6		
Connection capacity			
Solid / stranded	16 - 50 / 16 - 50		
Stranded with ferrules without plastic sleeve	10 - 50		
Stranded with ferrules with plastic sleeve	10 - 50		
2 conductors with same cross section solid / stranded	6 - 16 / 10 - 16		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	6 - 16		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	6 - 10		
Conductor cross section AWG/kcmil	6 - 1/0		
Stripping length	24		
Tightening torque clamping space	6 - 8		
Electrical parameters			
Rated current / conductor cross section	150 / 50		
Surge voltage category/degree of pollution	III/3	III/2	II/2
Rated insulation voltage	690	1000	1000
Rated surge voltage	6	6	6
Approval data (UL/CUL)			
Use Group	B	C	D
Nominal voltage/current	600 / 170	600 / 170	-
AWG	6	6	-
Approval data (CSA)			
Use Group	B	C	D
Nominal voltage/current	600 / 125	600 / 125	-
General data			
Type of insulation material / insulation material group	PA / I		
Inflammability class in acc. with UL 94	V0		

Panel feed-through terminal block, Screw connection

HDFK 50-VP

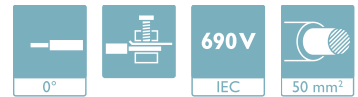


Dimensions	[mm]
Length L1	43
Length L2	48.5
Height h1	54
Height h2	-



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	HDFK 50-VP	0709123	10	18.8
1	HDFK 50-VP/Z	0711218	10	18.8



Technical data

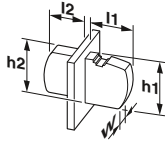
Connection method, internal	Cable lug connection		
Panel thickness	1 - 6		
Connection capacity			
Solid / stranded	16 - 50 / 16 - 50		
Stranded with ferrules without plastic sleeve	10 - 50		
Stranded with ferrules with plastic sleeve	10 - 50		
2 conductors with same cross section solid / stranded	6 - 16 / 10 - 16		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	6 - 16		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	6 - 10		
Conductor cross section AWG/kcmil	6 - 1/0		
Stripping length	24		
Tightening torque clamping space	6 - 8		
Electrical parameters			
Rated current / conductor cross section	150 / 50		
Surge voltage category/degree of pollution	III/3	III/2	II/2
Rated insulation voltage	690	1000	1000
Rated surge voltage	6	6	6
Approval data (UL/CUL)			
Use Group	B	C	D
Nominal voltage/current	600 / 170	600 / 170	-
AWG	6	6	-
Approval data (CSA)			
Use Group	B	C	D
Nominal voltage/current	600 / 125	600 / 125	-
General data			
Type of insulation material / insulation material group	PA / I		
Inflammability class in acc. with UL 94	V0		

High-current panel feed-through terminal blocks

Conductor cross section up to 50 mm² (AWG 1/0)

Panel feed-through terminal block, Screw connection

HDFKV 50



Dimensions	[mm]
Length L1	55
Length L2	35
Height h1	56
Height h2	55



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	HDFKV 50	0708522	10	18.8
1	HDFKV 50/Z	0705017	10	18.8

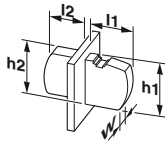


Technical data

Connection method, internal		Screw connection		
Panel thickness	[mm]	1 - 6		
Connection capacity				
Solid / stranded	[mm ²]	16 - 50 / 16 - 50		
Stranded with ferrules without plastic sleeve	[mm ²]	10 - 50		
Stranded with ferrules with plastic sleeve	[mm ²]	10 - 50		
2 conductors with same cross section solid / stranded	[mm ²]	6 - 16 / 10 - 16		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	6 - 16		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	6 - 10		
Conductor cross section AWG/kcmil		6 - 1/0		
Stripping length	[mm]	24		
Tightening torque clamping space	[Nm]	6 - 8		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	150 / 50		
Surge voltage category/degree of pollution		III / 3	III / 2	II / 2
Rated insulation voltage	[V]	690	1000	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 170	600 / 170	-
AWG		6	6	-
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 125	600 / 125	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Panel feed-through terminal block, Screw connection

HDFKV 50-VP



Dimensions	[mm]
Length L1	55
Length L2	35
Height h1	56
Height h2	-



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	HDFKV 50-VP	0708580	10	18.8
1	HDFKV 50-VP/Z	0717212	10	18.8



Technical data

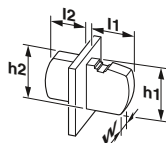
Connection method, internal		Bolt connection		
Panel thickness	[mm]	1 - 6		
Connection capacity				
Solid / stranded	[mm ²]	16 - 50 / 16 - 50		
Stranded with ferrules without plastic sleeve	[mm ²]	10 - 50		
Stranded with ferrules with plastic sleeve	[mm ²]	10 - 50		
2 conductors with same cross section solid / stranded	[mm ²]	6 - 16 / 10 - 16		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	6 - 16		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	6 - 10		
Conductor cross section AWG/kcmil		6 - 1/0		
Stripping length	[mm]	24		
Tightening torque clamping space	[Nm]	6 - 8		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	150 / 50		
Surge voltage category/degree of pollution		III / 3	III / 2	II / 2
Rated insulation voltage	[V]	690	1000	1000
Rated surge voltage	[kV]	6	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 170	600 / 170	-
AWG		6	6	-
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 125	600 / 125	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

High-current panel feed-through terminal blocks

Conductor cross section up to 50 mm² (AWG 1/0)

Panel feed-through terminal block, T-LOX knee lever connection

TW 50/.. -CL



Dimensions	[mm]
Length l1	46
Length l2	58.1
Height h1	73.5
Height h2	58.16



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	TW 50/ 1-CL	1708744	10	38
2	TW 50/ 2-CL	1708745	10	58
3	TW 50/ 3-CL	1708746	5	78
4	TW 50/ 4-CL	1708748	5	98
5	TW 50/ 5-CL	1708749	5	118
6	TW 50/ 6-CL	1708751	5	138



Technical data

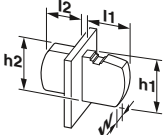
Connection method, internal		Cable lug connection		
Panel thickness	[mm]	1 - 5		
Connection capacity				
Solid / stranded	[mm ²]	10 - 50 / 16 - 50		
Stranded with ferrules without plastic sleeve	[mm ²]	10 - 50		
Stranded with ferrules with plastic sleeve	[mm ²]	10 - 50		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	6 - 16		
Conductor cross section AWG/kcmil		-		
Stripping length	[mm]	18		
Tightening torque clamping space	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	150 / 50		
Surge voltage category/degree of pollution		III/3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	8
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	-	600 / 150	-
AWG		-	8	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

High-current panel feed-through terminal blocks

Conductor cross section up to 95 mm² (AWG 3/0)

Panel feed-through terminal block, Screw connection

UW 95



Dimensions	[mm]
Length L1	45
Length L2	49.5
Height h1	73.9
Height h2	73.9



Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	UW 95/S	1713223	10	25



1000 V

IEC

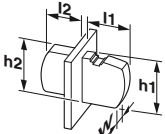
232 A

IEC

Technical data			
Connection method, internal		Screw connection	
Panel thickness	[mm]	1 - 5	
Connection capacity			
Solid / stranded	[mm²]	25 - 95 / 35 - 95	
Stranded with ferrules without plastic sleeve	[mm²]	25 - 95	
Stranded with ferrules with plastic sleeve	[mm²]	25 - 95	
2 conductors with same cross section solid / stranded	[mm²]	16 - 35 / 16 - 35	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	16 - 35	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-	
Conductor cross section AWG/kcmil		-	
Stripping length	[mm]	27	
Tightening torque clamping space	[Nm]	10 - 12	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	232 / 95	
Surge voltage category/degree of pollution		III / 3	II / 2
Rated insulation voltage	[V]	1000	1000
Rated surge voltage	[kV]	8	6
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	600 / 200	-
AWG		4	-
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Panel feed-through terminal block, Screw connection

UW 95



Dimensions	[mm]
Length L1	45
Length L2	49.5
Height h1	73.9
Height h2	100.7



Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	UW 95-F/S	1713225	10	25



1000 V

IEC

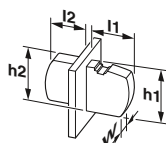
232 A

IEC

Technical data			
Connection method, internal		Screw connection	
Panel thickness	[mm]	1 - 5	
Connection capacity			
Solid / stranded	[mm²]	25 - 95 / 35 - 95	
Stranded with ferrules without plastic sleeve	[mm²]	25 - 95	
Stranded with ferrules with plastic sleeve	[mm²]	25 - 95	
2 conductors with same cross section solid / stranded	[mm²]	16 - 35 / 16 - 35	
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	16 - 35	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-	
Conductor cross section AWG/kcmil		-	
Stripping length	[mm]	27	
Tightening torque clamping space	[Nm]	10 - 12	
Electrical parameters			
Rated current / conductor cross section	[A] / [mm²]	232 / 95	
Surge voltage category/degree of pollution		III / 3	II / 2
Rated insulation voltage	[V]	1000	1000
Rated surge voltage	[kV]	8	6
Approval data (UL/CUL)			
Use Group		B	C
Nominal voltage/current	[V] / [A]	600 / 200	-
AWG		4	-
General data			
Type of insulation material / insulation material group		PA / I	
Inflammability class in acc. with UL 94		V0	

Panel feed-through terminal block, Screw connection

UWV 95



Dimensions	[mm]
Length L1	45
Length L2	78.7
Height h1	73.9
Height h2	79.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	UWV 95/S	1713226	10	25

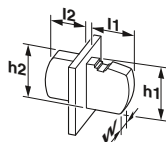


Technical data

Connection method, internal	Screw connection		
Panel thickness	1 - 5		
Connection capacity			
Solid / stranded	25 - 95 / 35 - 95		
Stranded with ferrules without plastic sleeve	25 - 95		
Stranded with ferrules with plastic sleeve	25 - 95		
2 conductors with same cross section solid / stranded	16 - 35 / 16 - 35		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	16 - 35		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	-		
Conductor cross section AWG/kcmil	-		
Stripping length	27		
Tightening torque clamping space	10 - 12		
Electrical parameters			
Rated current / conductor cross section	232 / 95		
Surge voltage category/degree of pollution	III / 3	III / 2	II / 2
Rated insulation voltage	1000	1000	1000
Rated surge voltage	8	8	6
Approval data (UL/CUL)			
Use Group	B	C	D
Nominal voltage/current	600 / 200	600 / 200	-
AWG	4	4	-
General data			
Type of insulation material / insulation material group	PA / I		
Inflammability class in acc. with UL 94	V0		

Panel feed-through terminal block, Screw connection

UWV 95



Dimensions	[mm]
Length L1	45
Length L2	78.7
Height h1	73.9
Height h2	79.5



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	UWV 95-F/S	1713227	10	25



Technical data

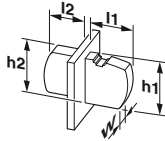
Connection method, internal	Screw connection		
Panel thickness	1 - 5		
Connection capacity			
Solid / stranded	25 - 95 / 35 - 95		
Stranded with ferrules without plastic sleeve	25 - 95		
Stranded with ferrules with plastic sleeve	25 - 95		
2 conductors with same cross section solid / stranded	16 - 35 / 16 - 35		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	16 - 35		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	-		
Conductor cross section AWG/kcmil	-		
Stripping length	27		
Tightening torque clamping space	10 - 12		
Electrical parameters			
Rated current / conductor cross section	232 / 95		
Surge voltage category/degree of pollution	III / 3	III / 2	II / 2
Rated insulation voltage	1000	1000	1000
Rated surge voltage	8	8	6
Approval data (UL/CUL)			
Use Group	B	C	D
Nominal voltage/current	600 / 200	600 / 200	-
AWG	4	4	-
General data			
Type of insulation material / insulation material group	PA / I		
Inflammability class in acc. with UL 94	V0		

High-current panel feed-through terminal blocks

Conductor cross section up to 95 mm² (AWG 3/0)

Panel feed-through terminal block, Screw connection

UW 95-POT



Dimensions	[mm]
Length L1	49.5
Length L2	42
Height h1	47.4
Height h2	73.9



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	UW 95-POT/S	1713242	10	25

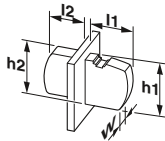


Technical data

Connection method, internal		Cable lug connection		
Panel thickness	[mm]	1 - 5		
Connection capacity				
Solid / stranded	[mm ²]	25 - 95 / 35 - 95		
Stranded with ferrules without plastic sleeve	[mm ²]	25 - 95		
Stranded with ferrules with plastic sleeve	[mm ²]	25 - 95		
2 conductors with same cross section solid / stranded	[mm ²]	16 - 35 / 16 - 35		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	16 - 35		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		-		
Stripping length	[mm]	27		
Tightening torque clamping space	[Nm]	10 - 12		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	232 / 95		
Surge voltage category/degree of pollution		III / 3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 200	600 / 200	-
AWG		4	4	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

Panel feed-through terminal block, Screw connection

HDFK 95



Dimensions	[mm]
Length L1	49.5
Length L2	45
Height h1	74
Height h2	74



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	HDFK 95	0709534	10	25
1	HDFK 95/Z	0717364	10	25



Technical data

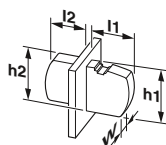
Connection method, internal		Screw connection		
Panel thickness	[mm]	1 - 6		
Connection capacity				
Solid / stranded	[mm ²]	25 - 95 / 35 - 95		
Stranded with ferrules without plastic sleeve	[mm ²]	25 - 95		
Stranded with ferrules with plastic sleeve	[mm ²]	25 - 95		
2 conductors with same cross section solid / stranded	[mm ²]	16 - 35 / 16 - 35		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm ²]	16 - 35		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm ²]	-		
Conductor cross section AWG/kcmil		4 - 4/0		
Stripping length	[mm]	27		
Tightening torque clamping space	[Nm]	15 - 20		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm ²]	232 / 95		
Surge voltage category/degree of pollution		III / 3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	6	6
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 230	600 / 230	-
AWG		4	4	-
Approval data (CSA)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	600 / 200	600 / 200	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

High-current panel feed-through terminal blocks

Conductor cross section up to 95 mm² (AWG 3/0)

Panel feed-through terminal block, Screw connection

HDFK 95



Dimensions	[mm]
Length l1	49.5
Length l2	45
Height h1	100.7
Height h2	74



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	HDFK 95-F	0709644	10	25
1	HDFK 95-F/Z	0714037	10	25

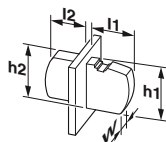
		1000 V IEC	232 A IEC

Technical data

Connection method, internal	Screw connection		
Panel thickness	1 - 6		
Connection capacity			
Solid / stranded	35 - 95 / 35 - 95		
Stranded with ferrules without plastic sleeve	25 - 95		
Stranded with ferrules with plastic sleeve	25 - 95		
2 conductors with same cross section solid / stranded	25 - 35 / 25 - 35		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	16 - 35		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	-		
Conductor cross section AWG/kcmil	4 - 2/0		
Stripping length	27		
Tightening torque clamping space	15 - 20		
Electrical parameters			
Rated current / conductor cross section	232 / 95		
Surge voltage category/degree of pollution	III/3	III / 2	II / 2
Rated insulation voltage	1000	1000	1000
Rated surge voltage	8	6	6
Approval data (UL/CUL)			
Use Group	B	C	D
Nominal voltage/current	600 / 230	600 / 230	-
AWG	4	4	-
Approval data (CSA)			
Use Group	B	C	D
Nominal voltage/current	600 / 200	600 / 200	-
General data			
Type of insulation material / insulation material group	PA / I		
Inflammability class in acc. with UL 94	V0		

Panel feed-through terminal block, Screw connection

HDFK 95-VP



Dimensions	[mm]
Length l1	49.5
Length l2	42
Height h1	100.7
Height h2	-



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	HDFK 95-F-VP	0709916	10	25
1	HDFK 95-F-VP/Z	0717076	10	25

		630 V IEC	232 A IEC

Technical data

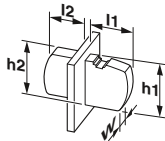
Connection method, internal	Cable lug connection		
Panel thickness	1 - 6		
Connection capacity			
Solid / stranded	35 - 95 / 35 - 95		
Stranded with ferrules without plastic sleeve	30 - 95		
Stranded with ferrules with plastic sleeve	30 - 95		
2 conductors with same cross section solid / stranded	25 - 35 / 25 - 35		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	16 - 35		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	-		
Conductor cross section AWG/kcmil	4 - 3/0		
Stripping length	27		
Tightening torque clamping space	15 - 20		
Electrical parameters			
Rated current / conductor cross section	232 / 95		
Surge voltage category/degree of pollution	III/3	III / 2	II / 2
Rated insulation voltage	630	1000	1000
Rated surge voltage	6	6	6
Approval data (UL/CUL)			
Use Group	B	C	D
Nominal voltage/current	600 / 230	600 / 230	-
AWG	4	4	-
Approval data (CSA)			
Use Group	B	C	D
Nominal voltage/current	600 / 230	600 / 230	-
General data			
Type of insulation material / insulation material group	PA / I		
Inflammability class in acc. with UL 94	V0		

High-current panel feed-through terminal blocks

Conductor cross section up to 95 mm² (AWG 3/0)

Panel feed-through terminal block, T-LOX knee lever connection

TW 95/.. -CL



Dimensions	[mm]
Length L1	52.9
Length L2	67.15
Height h1	75.75
Height h2	65.6



Ordering data

No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
1	TW 95/ 1-CL	1708752	10	45
2	TW 95/ 2-CL	1708753	10	71
3	TW 95/ 3-CL	1708754	5	97
4	TW 95/ 4-CL	1708755	5	123
5	TW 95/ 5-CL	1708756	5	149
6	TW 95/ 6-CL	1708757	5	175



Technical data

Connection method, internal		Cable lug connection		
Panel thickness	[mm]	1 - 5		
Connection capacity				
Solid / stranded	[mm²]	25 - 95 / 25 - 95		
Stranded with ferrules without plastic sleeve	[mm²]	25 - 95		
Stranded with ferrules with plastic sleeve	[mm²]	25 - 95		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, stranded, with ferrule without plastic sleeve	[mm²]	-		
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	-		
Conductor cross section AWG/kcmil		4 - 3/0		
Stripping length	[mm]	25		
Tightening torque clamping space	[Nm]	-		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	232 / 95		
Surge voltage category/degree of pollution		III / 3	III / 2	II / 2
Rated insulation voltage	[V]	1000	1000	1000
Rated surge voltage	[kV]	8	8	8
Approval data (UL/CUL)				
Use Group		B	C	D
Nominal voltage/current	[V] / [A]	-	600 / 200	-
AWG		-	4	-
General data				
Type of insulation material / insulation material group		PA / I		
Inflammability class in acc. with UL 94		V0		

