

PCB terminal blocks

Conductor cross section up to 0.5 mm² (AWG 20)

Screw connection with tension sleeve	6
Push-in spring connection	6
IDC insulation displacement connection	13

Conductor cross section up to 1.5 mm² (AWG 16)

Screw connection with wire protector	15
Screw connection with tension sleeve	16
Push-in spring connection	37
Spring-cage connection	64

Conductor cross section up to 2.5 mm² (AWG 14)

Screw connection with wire protector	70
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Front screw connection	88
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Conductor cross section up to 4 mm² (AWG 12)

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Screw connection with tension sleeve	124
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Conductor cross section up to 50 mm² (AWG 2/0)

Screw connection with tension sleeve	126
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Nominal cross section up to 95 mm² (3/0)

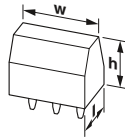
Screw connection with tension sleeve	128
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PCB terminal blocks

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



Dimensions	[mm]
Solder pin length	3.5
Length l	6.2
Height h	8.5



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

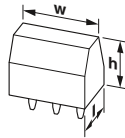


Technical data

Connection capacity				
Solid / stranded	[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]	0.25 - 0.34		
2 conductors with same cross section solid / stranded	[mm²]	0.14 - 0.34 / 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 - 20		
Stripping length	[mm]	4.5		
Tightening torque	[Nm]	0.12 - 0.15 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]	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



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 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

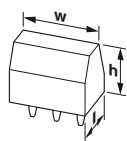


Technical data

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

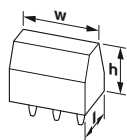


Technical data

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

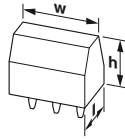
Connection capacity				
Solid / stranded	[mm ²]	0.14 - 0.5 / 0.2 - 0.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 0.5		
Stranded with ferrules with plastic sleeve	[mm ²]	-		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, 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

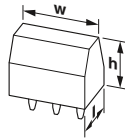


Technical data

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

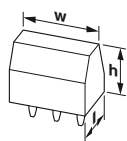


Technical data

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

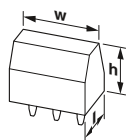


Technical data

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

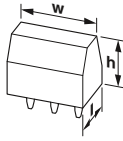
Connection capacity				
Solid / stranded	[mm ²]	0.14 - 0.5 / 0.2 - 0.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 0.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.34		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross 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

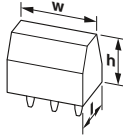


Technical data

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

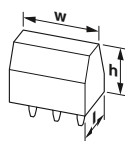


Technical data

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

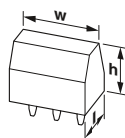


Technical data

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

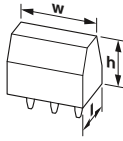
Connection capacity				
Solid / stranded	[mm ²]	0.14 - 0.5 / 0.14 - 0.5		
Stranded with ferrules without plastic sleeve	[mm ²]	-		
Stranded with ferrules with plastic sleeve	[mm ²]	-		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, 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

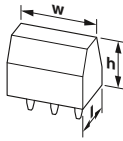


Technical data

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

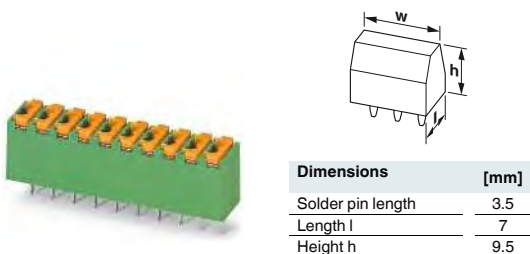


Technical data

Connection capacity			
Solid / stranded	[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	

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

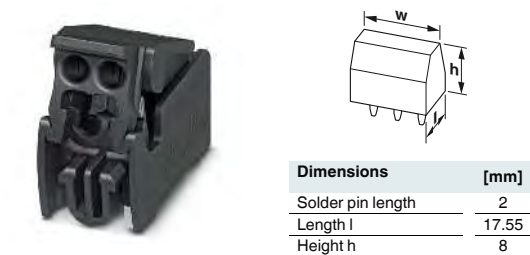


Technical data

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

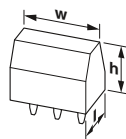
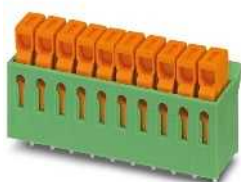
Connection capacity				
Solid / stranded	[mm ²]	0.14 - 0.34 / 0.14 - 0.34		
Stranded with ferrules without plastic sleeve	[mm ²]	-		
Stranded with ferrules with plastic sleeve	[mm ²]	-		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, 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

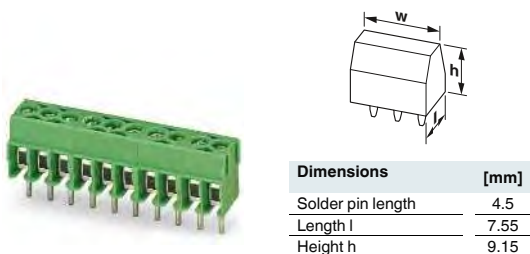


Technical data

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



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

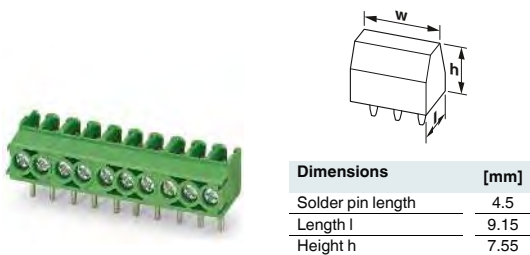


Technical data

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



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

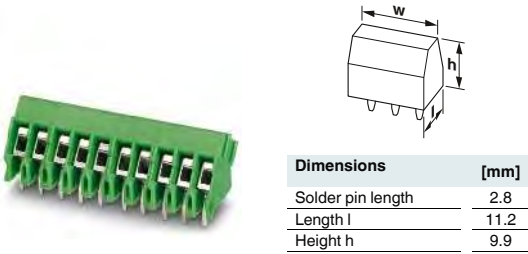
Connection capacity		
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	-
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.75
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 0.34 / 0.2 - 0.5
2 conductors with same cross section, 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

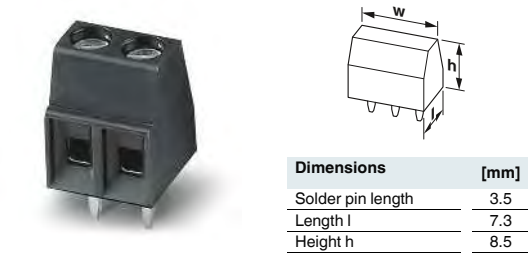


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.14 - 1.5 / 0.14 - 1.5	
Stranded with ferrules without plastic sleeve	[mm²]	-	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 0.75	
2 conductors with same cross section solid / stranded	[mm²]	0.14 - 0.5 / 0.14 - 0.5	
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		26 - 16	
Stripping length	[mm]	5	
Tightening torque	[Nm]	0.22 - 0.25 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		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

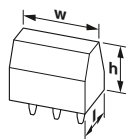


Technical data

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

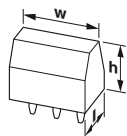


Technical data

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

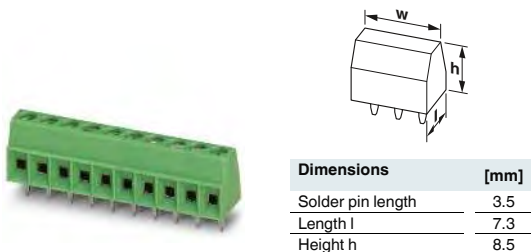
Connection capacity		
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 0.5
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.5
2 conductors with same cross section solid / stranded	[mm ²]	0.14 - 0.5 / 0.14 - 0.34
2 conductors with same 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



UL US ENEC CB

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

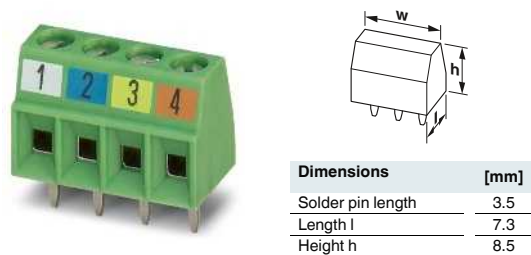


Technical data

Connection capacity				
Solid / stranded	[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	II/ 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

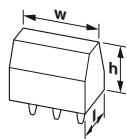


Technical data

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		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

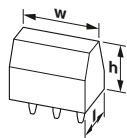


Technical data

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

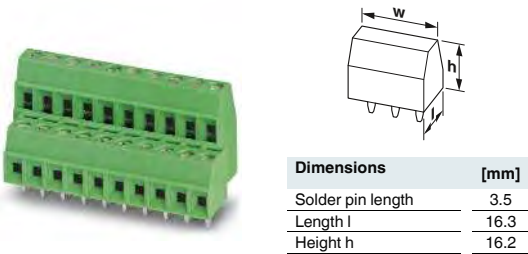
Connection capacity				
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 0.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.14 - 0.5 / 0.14 - 0.2		
2 conductors 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

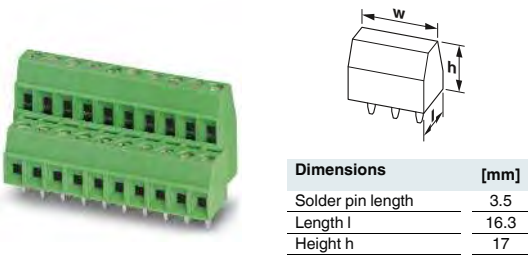


Technical data

Connection capacity				
Solid / stranded	[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	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

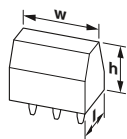


Technical data

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				
Stripping length	[mm]	26 - 16		
Tightening torque	[Nm]	5		
Electrical parameters				
Rated current / conductor cross section	[A] / [mm²]	0.22 - 0.25 Nm		
Surge voltage category/degree of pollution		8 / 1.5		
Rated insulation voltage	[V]	III/3	III / 2	II / 2
Rated surge voltage	[kV]	160	200	400
Approval data (UL/CUL)		2.5	2.5	2.5
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

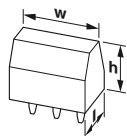


Technical data

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

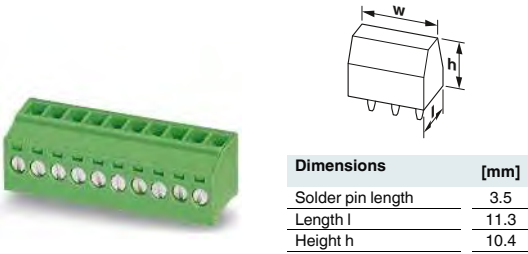
Connection capacity		
Solid / stranded	[mm ²]	0.08 - 1.5 / 0.08 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5
2 conductors with same cross section solid / stranded	[mm ²]	0.08 - 0.5 / 0.08 - 0.75
2 conductors with same 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

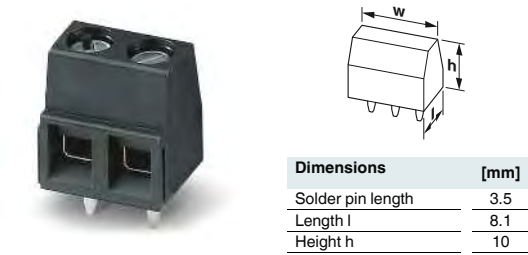


Technical data

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

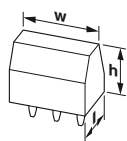


Technical data

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

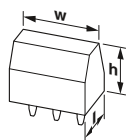


Technical data

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

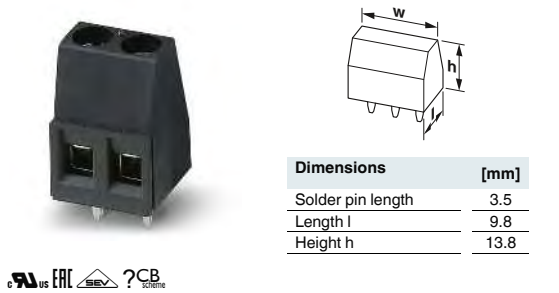
Connection capacity	
Solid / stranded	[mm ²] 0.14 - 2.5 / 0.14 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²] 0.25 - 1.5
Stranded with ferrules with plastic sleeve	[mm ²] 0.25 - 1.5
2 conductors with same cross section solid / stranded	[mm ²] 0.14 - 1 / 0.14 - 0.75
2 conductors with same 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

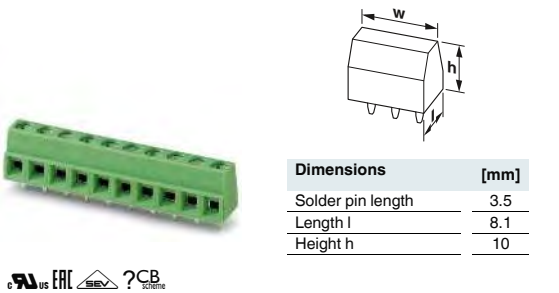


Technical data

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

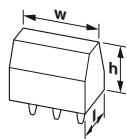


Technical data

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

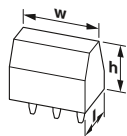


Technical data

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

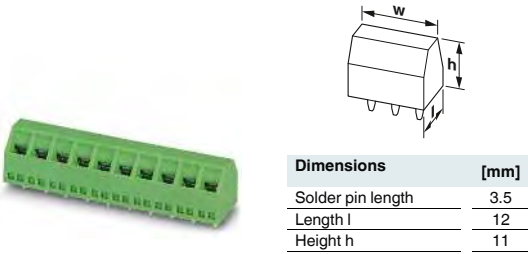
Connection capacity	
Solid / stranded	[mm ²] 0.14 - 1.5 / 0.14 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²] 0.25 - 1.5
Stranded with ferrules with plastic sleeve	[mm ²] 0.25 - 1.5
2 conductors with same cross section solid / stranded	[mm ²] 0.14 - 0.75 / 0.14 - 0.75
2 conductors with same 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

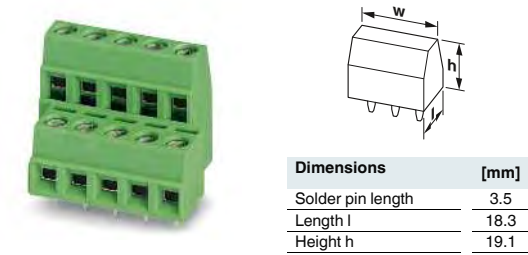


Technical data

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

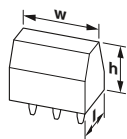


Technical data

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

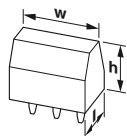


Technical data

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

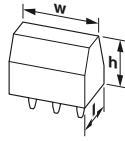
Connection capacity				
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.14 - 0.75 / 0.14 - 0.75		
2 conductors 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

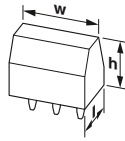


Technical data

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

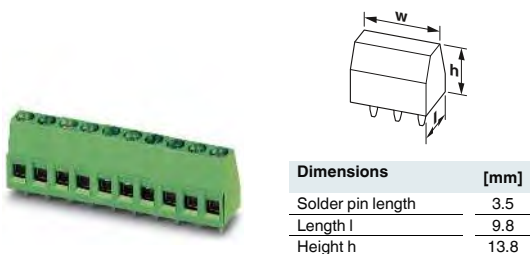


Technical data

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

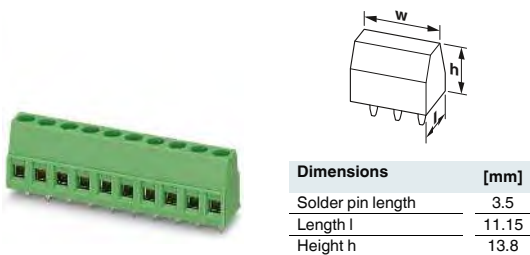


Technical data

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

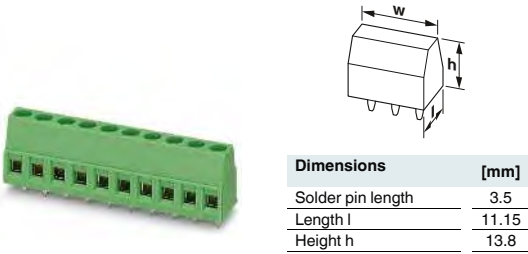
Connection capacity		
Solid / stranded	[mm ²]	0.14 - 2.5 / 0.14 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5
2 conductors with same cross section solid / stranded	[mm ²]	0.14 - 1 / 0.14 - 0.75
2 conductors with same 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



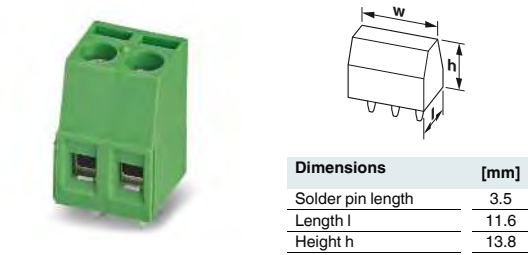
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDSP 1,5/ 2-5,08	1730120	50	10.16
3	MKDSP 1,5/ 3-5,08	1730133	50	15.24
4	MKDSP 1,5/ 4-5,08	1730146	50	20.32
5	MKDSP 1,5/ 5-5,08	1730159	50	25.4
6	MKDSP 1,5/ 6-5,08	1730162	50	30.48
7	MKDSP 1,5/ 7-5,08	1730175	50	35.56
8	MKDSP 1,5/ 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



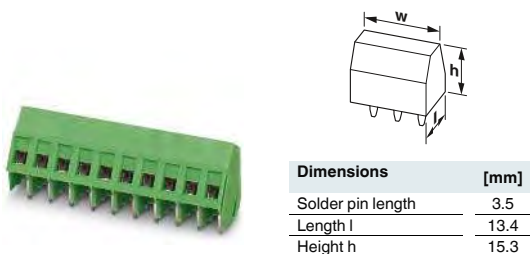
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDS 1,5/ 2-B-5,08	1868733	50	10.16
3	MKDS 1,5/ 3-B-5,08	1868746	50	15.24



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



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

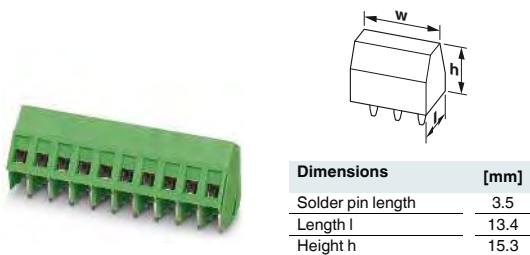


Technical data

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



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

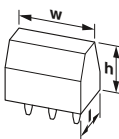
Connection capacity		
Solid / stranded	[mm ²]	0.14 - 2.5 / 0.14 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5
2 conductors with same cross section solid / stranded	[mm ²]	0.14 - 1 / 0.14 - 0.75
2 conductors with same 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



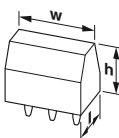
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKDSFW 1,5/ 2	1717091	50	10
3	MKDSFW 1,5/ 3	1717088	50	15



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



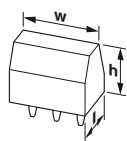
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	MKKDS 1,5/ 2	1725012	100	12.5
3	MKKDS 1,5/ 3	1725025	100	17.5



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

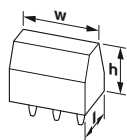


Technical data

Connection capacity				
Solid / stranded	[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

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

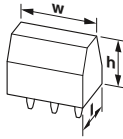
Connection capacity				
Solid / stranded	[mm ²]	0.14 - 2.5 / 0.14 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.14 - 1 / 0.14 - 0.75		
2 conductors 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

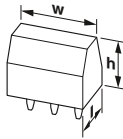


Technical data

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

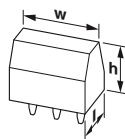


Technical data

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

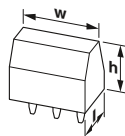


Technical data

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

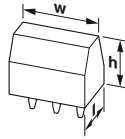
Connection capacity		
Solid / stranded	[mm ²]	0.14 - 1.5 / 0.14 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1
2 conductors with same cross section solid / stranded	[mm ²]	0.14 - 1 / 0.14 - 0.75
2 conductors with same cross 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

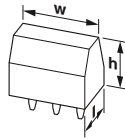


Technical data

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

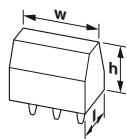


Technical data

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

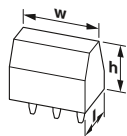


Technical data

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

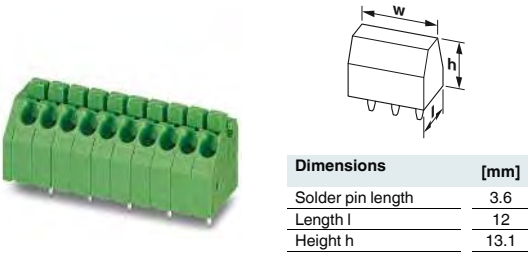
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.5		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, 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

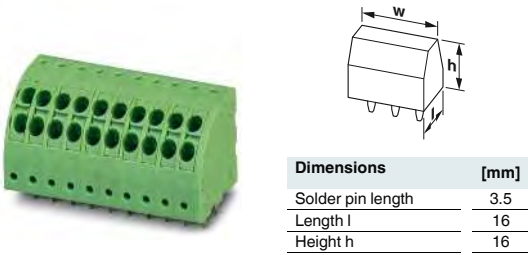


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 1	
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 - 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]	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

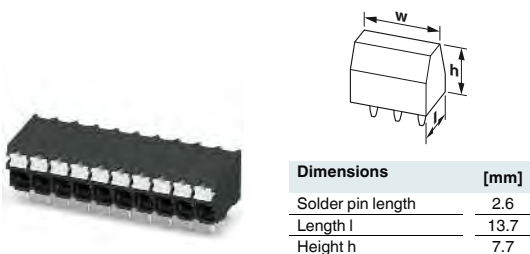


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.5 - 1.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.5 - 0.5	
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]	0.5 - 1.5	
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	[mm²]	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] / [mm²]	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



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

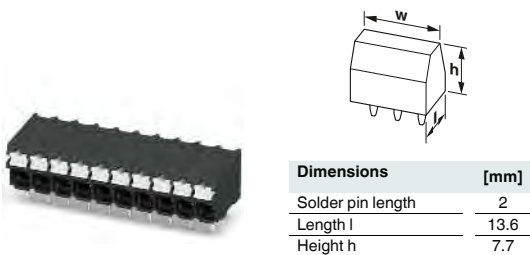


Technical data

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

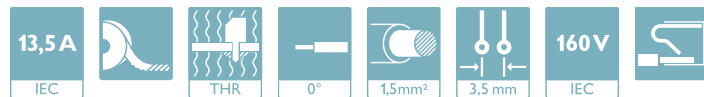
Printed circuit board terminal, Push-in spring connection, Pitch: 3.5 mm

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



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

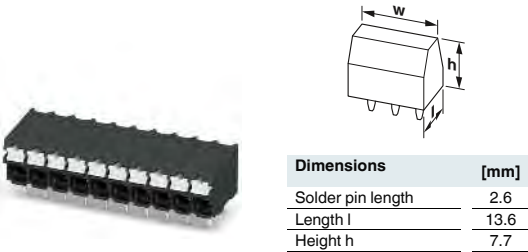
Connection capacity		
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.2 - 1.5
Stranded with ferrules with plastic sleeve	[mm ²]	0.2 - 0.75
2 conductors with same cross section solid / stranded	[mm ²]	- / -
2 conductors with same cross section, stranded, 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

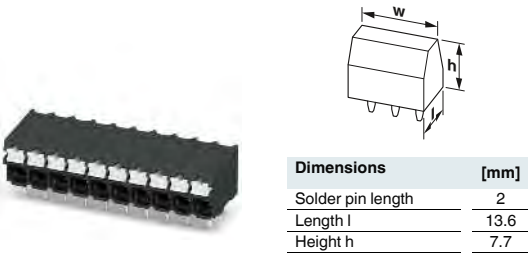


Technical data

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

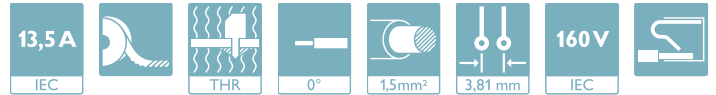
Printed circuit board terminal, Push-in spring connection, Pitch: 3.81 mm

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

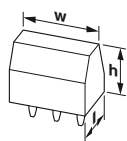


Technical data

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

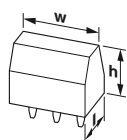


Technical data

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

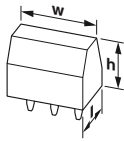
Connection capacity		
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.2 - 1.5
Stranded with ferrules with plastic sleeve	[mm ²]	0.2 - 0.75
2 conductors with same cross section solid / stranded	[mm ²]	- / -
2 conductors with same cross section, stranded, 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

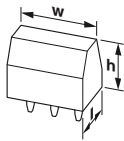


Technical data

Connection capacity			
Solid / stranded	[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-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

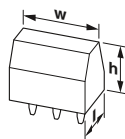


Technical data

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

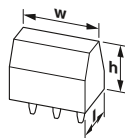


Technical data

Connection capacity		
Solid / stranded	[mm ²]	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 - 0.75
Conductor cross section AWG/kcmil		-
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]	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

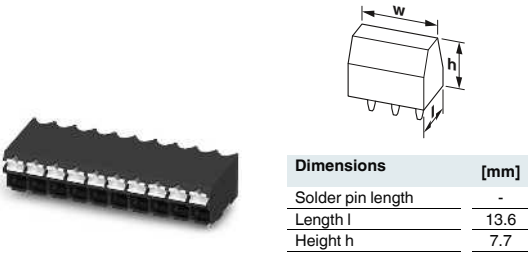
Connection capacity		
Solid / stranded	[mm ²]	- / -
Stranded with ferrules without plastic sleeve	[mm ²]	-
Stranded with ferrules with plastic sleeve	[mm ²]	-
2 conductors with same cross section solid / stranded	[mm ²]	- / -
2 conductors with same cross section, stranded, with ferrule without plastic 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 24-16 - 300 / 10
AWG		- - -
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



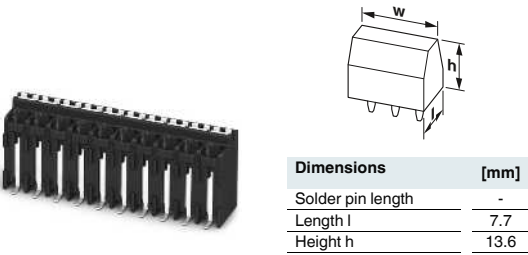
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPT-SMD 1,5/ 2-H-3,81 R24	1824637	300	7.81
3	SPT-SMD 1,5/ 3-H-3,81 R24	1824640	300	11.62
4	SPT-SMD 1,5/ 4-H-3,81 R44	1824653	300	15.43
5	SPT-SMD 1,5/ 5-H-3,81 R44	1824666	300	19.24
6	SPT-SMD 1,5/ 6-H-3,81 R44	1824679	300	23.05
7	SPT-SMD 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



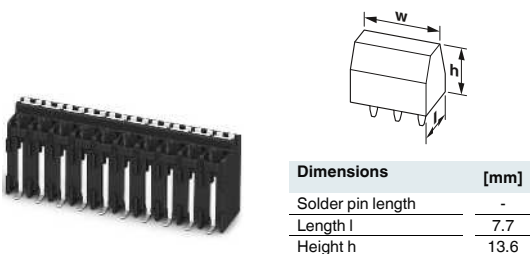
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPT-SMD 1,5/ 2-V-3,5 R24	1824080	200	7.5
3	SPT-SMD 1,5/ 3-V-3,5 R32	1824093	200	11
4	SPT-SMD 1,5/ 4-V-3,5 R44	1824103	200	14.5
5	SPT-SMD 1,5/ 5-V-3,5 R44	1824116	200	18
6	SPT-SMD 1,5/ 6-V-3,5 R44	1824129	200	21.5
7	SPT-SMD 1,5/ 7-V-3,5 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

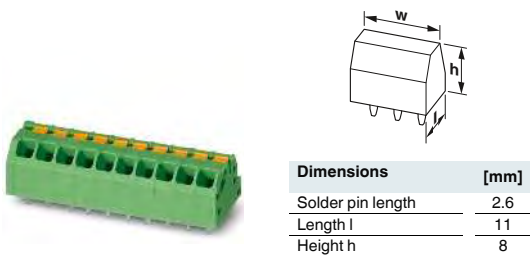


Technical data

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

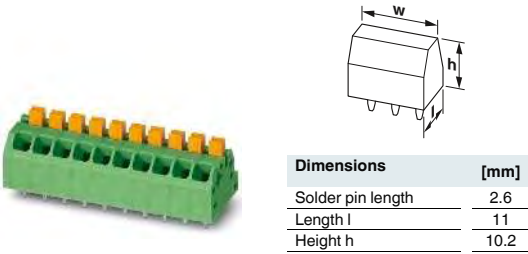
Connection capacity		
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 0.75
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.75
2 conductors with same cross section solid / stranded	[mm ²]	- / -
2 conductors with same cross section, stranded, 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

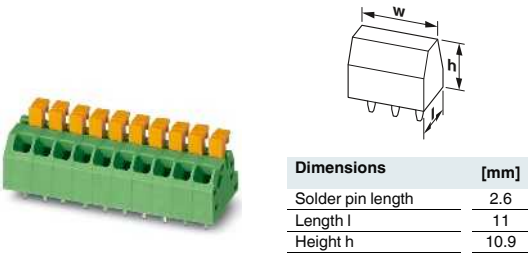


Technical data

Connection capacity		
Solid / stranded	[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

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

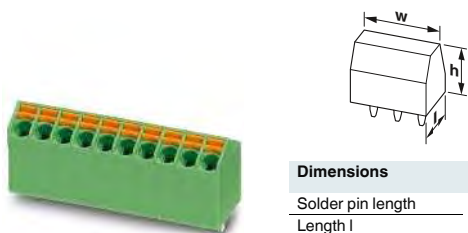


Technical data

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

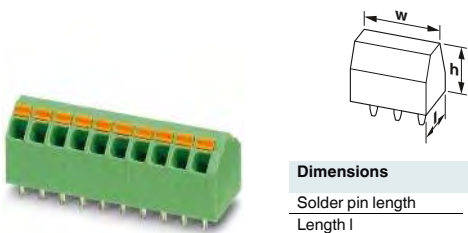


Technical data

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

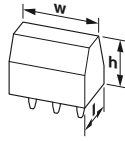
Connection capacity		
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5
2 conductors with same cross section solid / stranded	[mm ²]	- / -
2 conductors with same cross section, stranded, 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

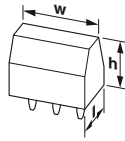


Technical data

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

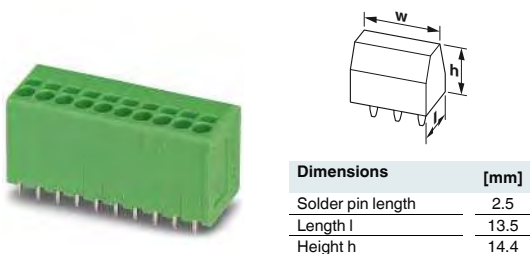


Technical data

Connection capacity			
Solid / stranded	[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: 3.5 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

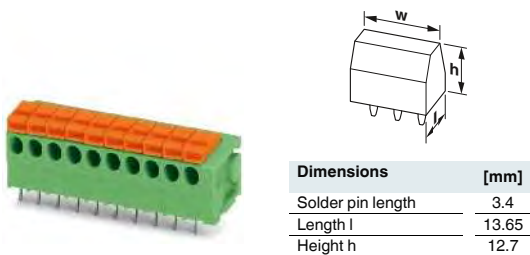


Technical data

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

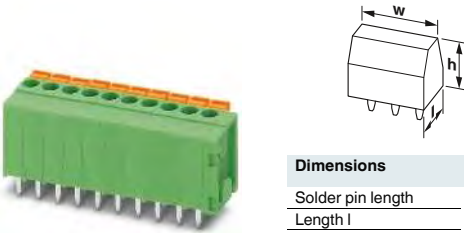
Connection capacity		
Solid / stranded	[mm ²]	0.14 - 1 / 0.14 - 1
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 0.34
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.34
2 conductors with same cross section solid / stranded	[mm ²]	- / -
2 conductors with same cross section, stranded, 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



Dimensions	[mm]
Solder pin length	3.4
Length l	12.7
Height h	13.7



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

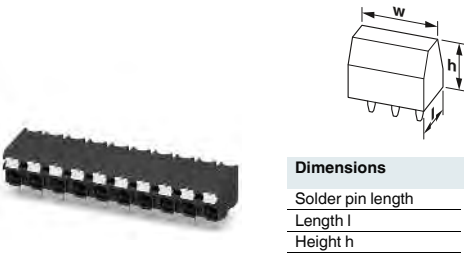


Technical data

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



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-5,0 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

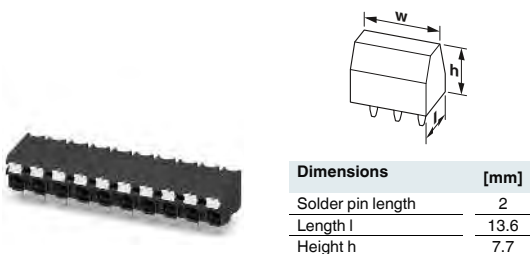


Technical data

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

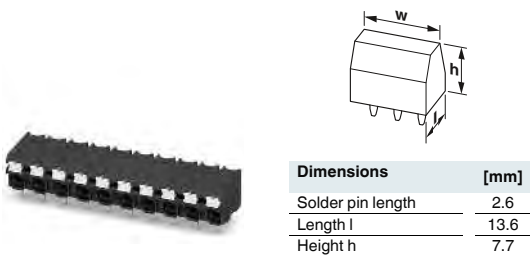


Technical data

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

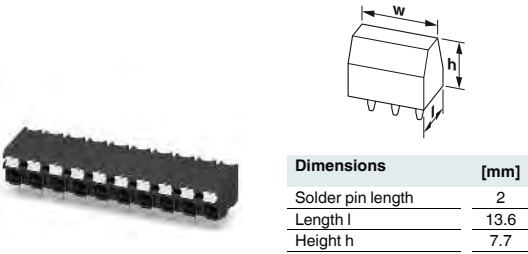
Connection capacity		
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.2 - 1.5
Stranded with ferrules with plastic sleeve	[mm ²]	0.2 - 0.75
2 conductors with same cross section solid / stranded	[mm ²]	- / -
2 conductors with same cross section, stranded, 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

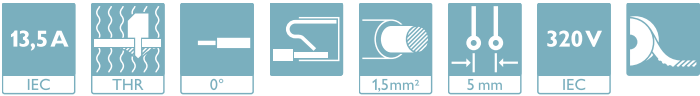
Conductor cross section up to 1.5 mm² (AWG 16)

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

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



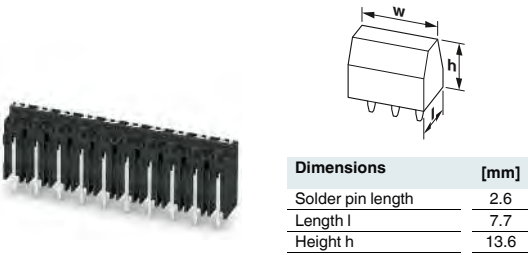
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPT-THR 1,5/ 2-H-5,08 P20 R24	1823968	250	9.08
3	SPT-THR 1,5/ 3-H-5,08 P20 R32	1823971	250	14.16
4	SPT-THR 1,5/ 4-H-5,08 P20 R32	1823984	250	19.24
5	SPT-THR 1,5/ 5-H-5,08 P20 R56	1823997	250	24.32
6	SPT-THR 1,5/ 6-H-5,08 P20 R56	1824006	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



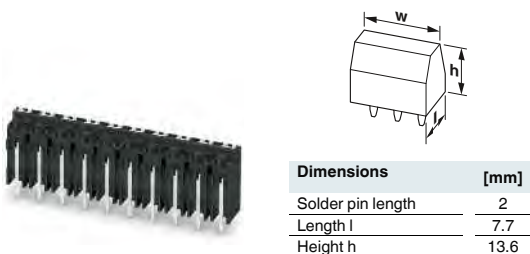
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPT-THR 1,5/ 2-V-5,0 P26	1822532	400	9
3	SPT-THR 1,5/ 3-V-5,0 P26	1822545	250	14
4	SPT-THR 1,5/ 4-V-5,0 P26	1822558	190	19
5	SPT-THR 1,5/ 5-V-5,0 P26	1822561	160	24
6	SPT-THR 1,5/ 6-V-5,0 P26	1822574	120	29
7	SPT-THR 1,5/ 7-V-5,0 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

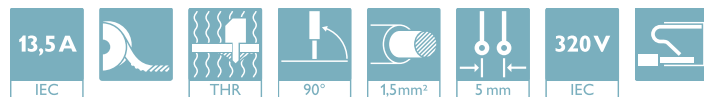


Dimensions	[mm]
Solder pin length	2
Length l	7.7
Height h	13.6



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

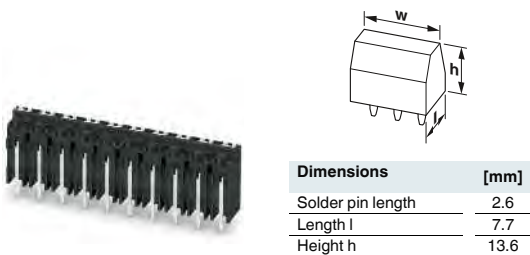


Technical data

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

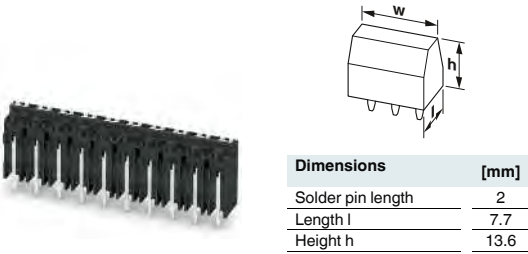
Connection capacity		
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.2 - 1.5
Stranded with ferrules with plastic sleeve	[mm ²]	0.2 - 0.75
2 conductors with same cross section solid / stranded	[mm ²]	- / -
2 conductors with same cross section, stranded, 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

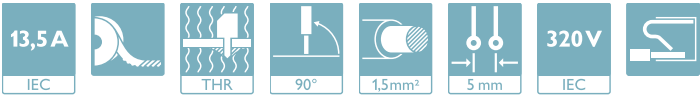
Conductor cross section up to 1.5 mm² (AWG 16)

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

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



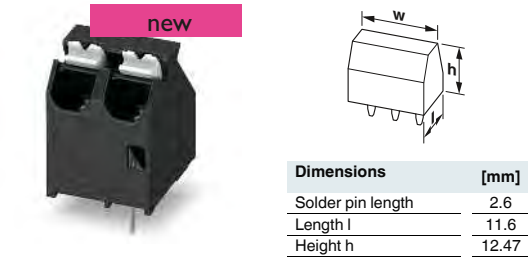
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPT-THR 1,5/ 2-V-5,08 P20 R24	1823528	200	9.08
3	SPT-THR 1,5/ 3-V-5,08 P20 R32	1823531	200	14.16
4	SPT-THR 1,5/ 4-V-5,08 P20 R56	1823544	200	19.24
5	SPT-THR 1,5/ 5-V-5,08 P20 R56	1823557	200	24.32
6	SPT-THR 1,5/ 6-V-5,08 P20 R56	1823560	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



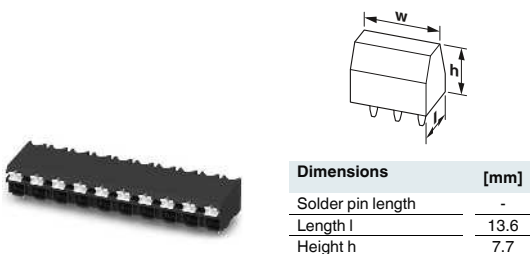
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPTA-THR 1,5/ 2-5,08 R24	1071199	145	9.68
3	SPTA-THR 1,5/ 3-5,08 R32	1071202	145	14.76
4	SPTA-THR 1,5/ 4-5,08 R32	1071204	145	19.84
5	SPTA-THR 1,5/ 5-5,08 R44	1071205	145	24.92
6	SPTA-THR 1,5/ 6-5,08 R44	1071206	145	30
7	SPTA-THR 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

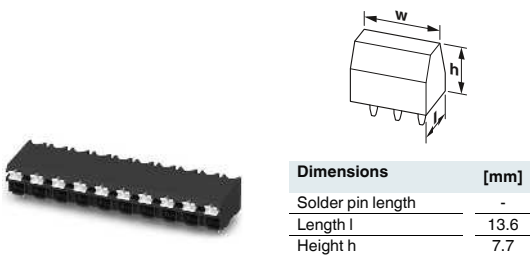


Technical data

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

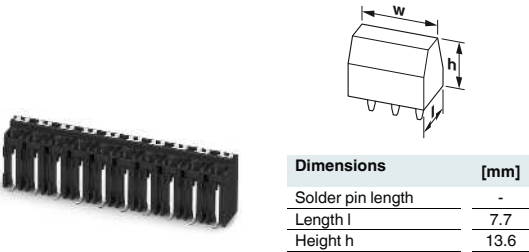
Connection capacity		
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.2 - 1.5
Stranded with ferrules with plastic sleeve	[mm ²]	0.2 - 0.75
2 conductors with same cross section solid / stranded	[mm ²]	- / -
2 conductors with same cross section, stranded, 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



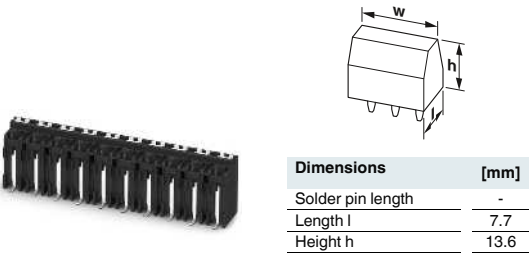
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPT-SMD 1,5/ 2-V-5,0 R24	1824307	200	9
3	SPT-SMD 1,5/ 3-V-5,0 R32	1824310	200	14
4	SPT-SMD 1,5/ 4-V-5,0 R44	1824323	200	19
5	SPT-SMD 1,5/ 5-V-5,0 R44	1824336	200	24
6	SPT-SMD 1,5/ 6-V-5,0 R44	1824349	200	29
7	SPT-SMD 1,5/ 7-V-5,0 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



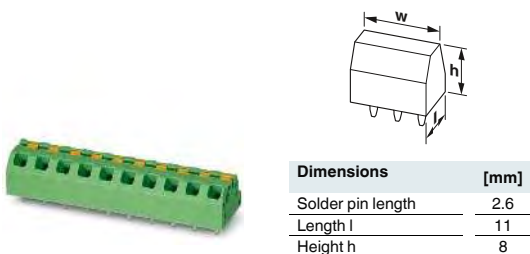
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPT-SMD 1,5/ 2-V-5,08 R24	1824417	200	9.08
3	SPT-SMD 1,5/ 3-V-5,08 R32	1824420	200	14.16
4	SPT-SMD 1,5/ 4-V-5,08 R44	1824433	200	19.24
5	SPT-SMD 1,5/ 5-V-5,08 R44	1824446	200	24.32
6	SPT-SMD 1,5/ 6-V-5,08 R44	1824459	200	29.4
7	SPT-SMD 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



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

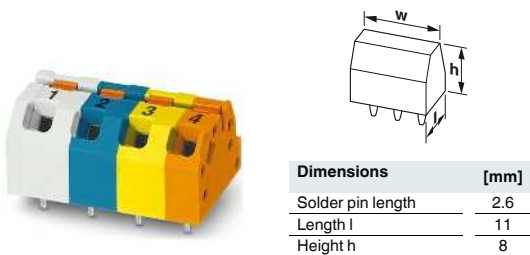


Technical data

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



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

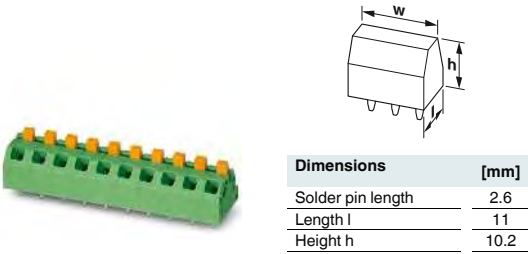
Connection capacity		
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 0.75
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.75
2 conductors with same cross section solid / stranded	[mm ²]	- / -
2 conductors with same cross section, stranded, 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

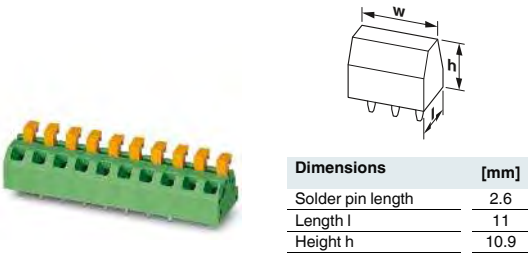


Technical data

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

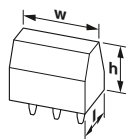


Technical data

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

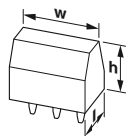


Technical data

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

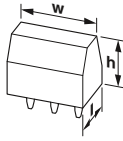
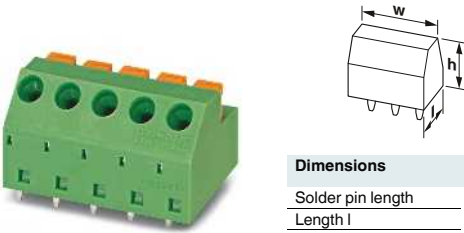
Connection capacity		
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5
2 conductors with same cross section solid / stranded	[mm ²]	- / -
2 conductors with same cross section, stranded, 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

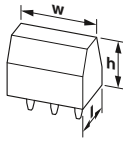


Technical data

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

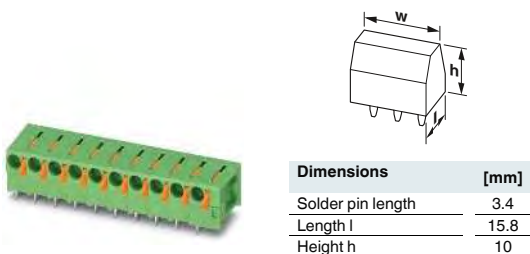


Technical data

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)/2, Linear double pinning



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

UL 94 V-0 ENEC

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

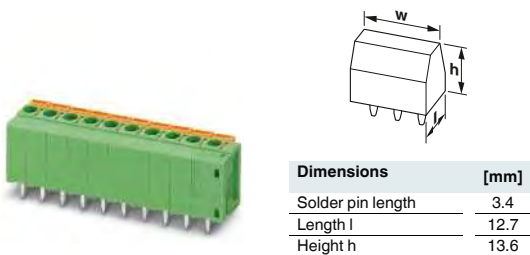


Technical data

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

UL 94 V-0 ENEC

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

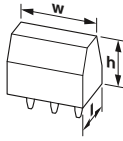
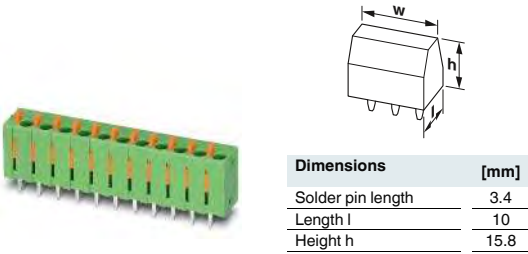
Connection capacity		
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 0.75
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.75
2 conductors with same cross section solid / stranded	[mm ²]	- / -
2 conductors with same cross section, stranded, 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

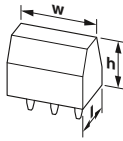
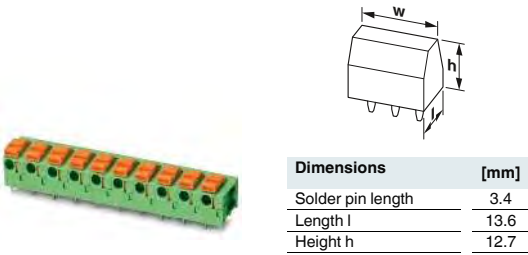


Technical data

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

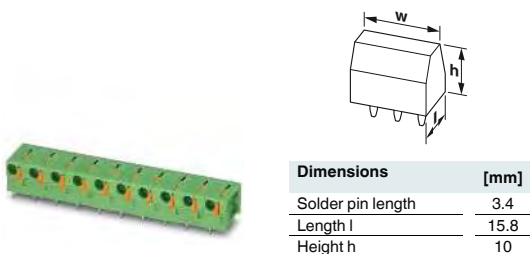


Technical data

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(A)/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

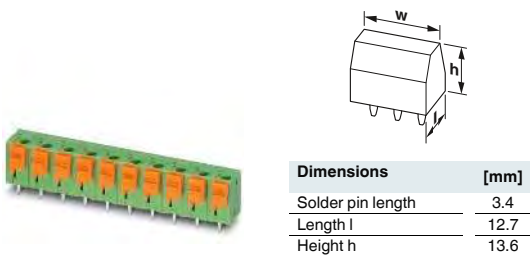


Technical data

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

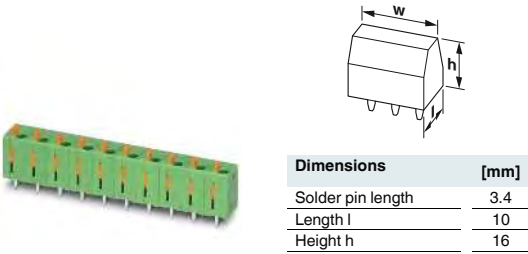
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 0.75		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 0.75		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross 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

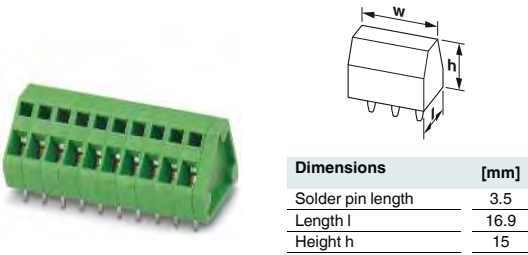


Technical data

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

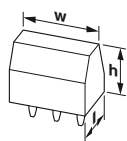


Technical data

Connection capacity				
Solid / stranded	[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]	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

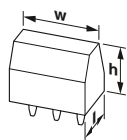


Technical data

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

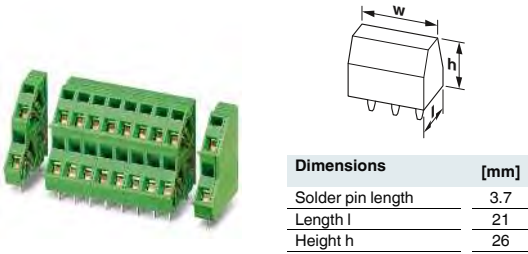
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 1.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, 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

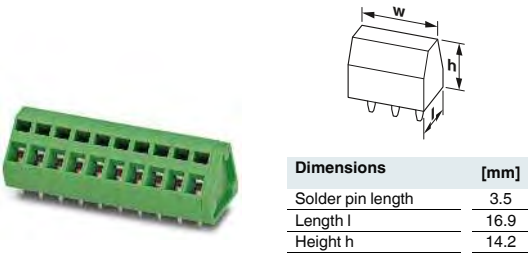


Technical data

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

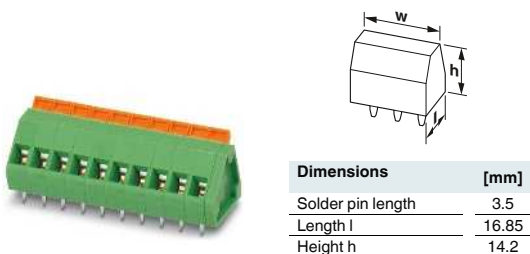


Technical data

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

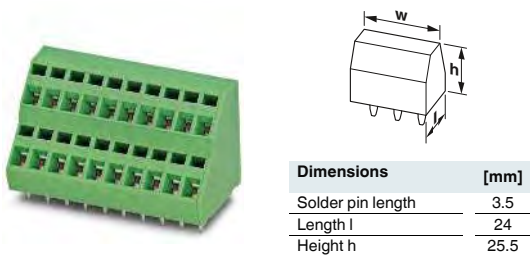


Technical data

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

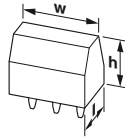
Connection capacity		
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 1.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5
2 conductors with same cross section solid / stranded	[mm ²]	- / -
2 conductors with same cross section, stranded, 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

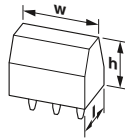


Technical data

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

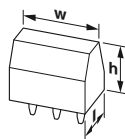


Technical data

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

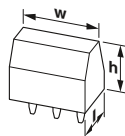


Technical data

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

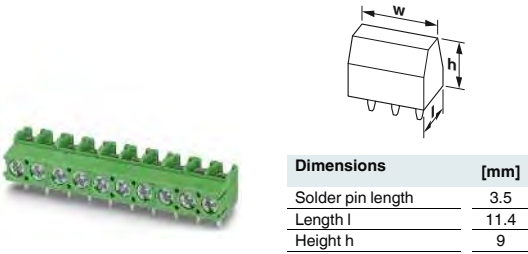
Ex marking	0344 Ex II 2G / Ex eb IIC Gb
Examination certificate	PTB 06ATEX1073 U
IECEX certificate	IECEX PTB 06.0096.U
Connection capacity	
Solid / stranded	[mm²] 0.2 - 2.5 / 0.2 - 1.5
Solid / stranded	AWG 24 - 14 / 24 - 16
Stripping length	[mm] 7
Tightening torque clamping space	[Nm] -
Electrical parameters	
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



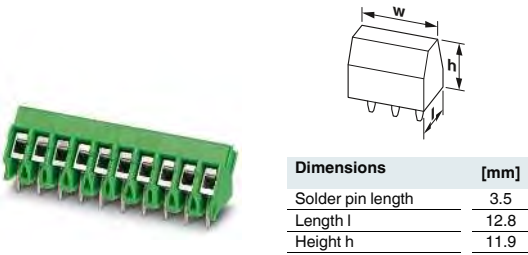
Technical data

Connection capacity			
Solid / stranded	[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]	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] / [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 / 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



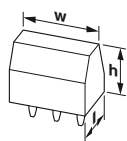
Technical data

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

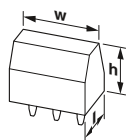


Technical data

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

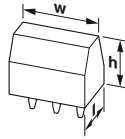
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 0.75 / 0.2 - 0.75		
2 conductors 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

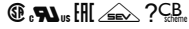
Conductor cross section up to 2.5 mm² (AWG 14)

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

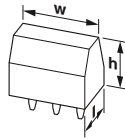


Technical data

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

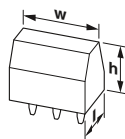


Technical data

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

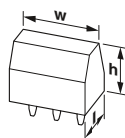


Technical data

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

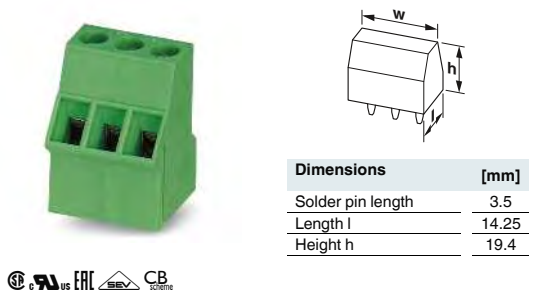
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 0.75 / 0.2 - 0.75		
2 conductors 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

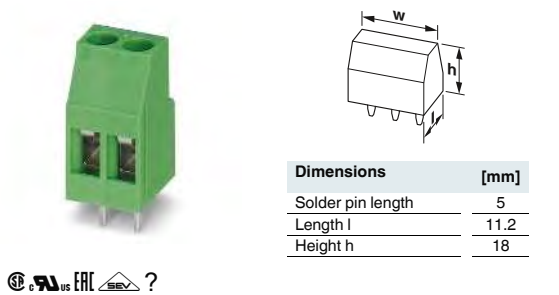


Technical data

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

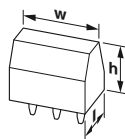


Technical data

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: 5.08 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

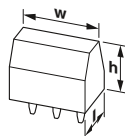


Technical data

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

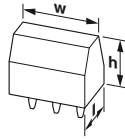
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 4 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5		
2 conductors with 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

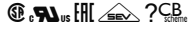
Conductor cross section up to 2.5 mm² (AWG 14)

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

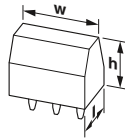


Technical data

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

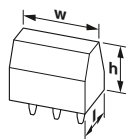


Technical data

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

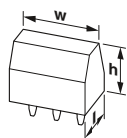


Technical data

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

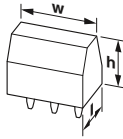
Connection capacity			
Solid / stranded	[mm²]	0.2 - 4 / 0.2 - 2.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 1	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 1	
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5	
2 conductors with same cross section, 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

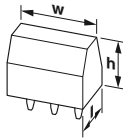


Technical data

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



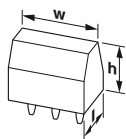
Technical data

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

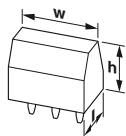


Technical data

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

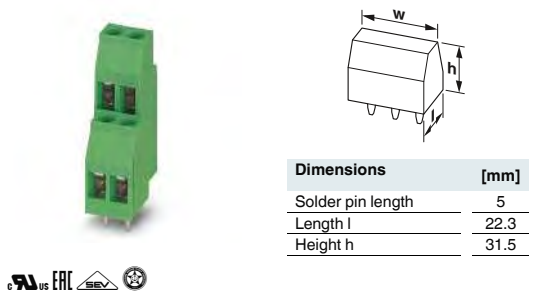
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 4 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5		
2 conductors with 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

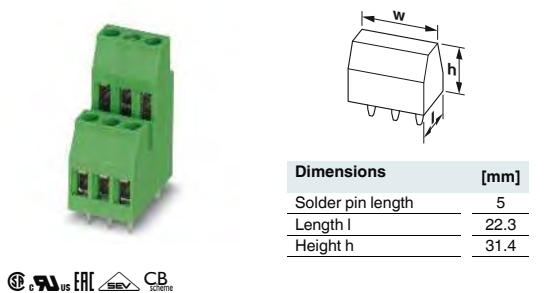
Connection capacity			
Solid / stranded	[mm²]	0.2 - 4 / 0.2 - 2.5	
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 1.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5	
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5	
2 conductors with same cross 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

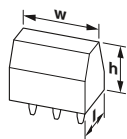
Connection capacity				
Solid / stranded	[mm²]	0.2 - 4 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5		
2 conductors with same 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

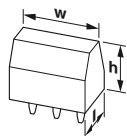


Technical data

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

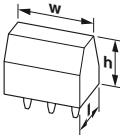
Connection capacity				
Solid / stranded	[mm²]	0.2 - 4 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5		
2 conductors with same 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



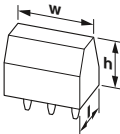





Technical data				
Connection capacity				
Solid / stranded	[mm²]	0.2 - 4 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5		
2 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 - 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] / [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]	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



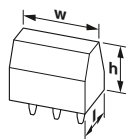





Technical data				
Connection capacity				
Solid / stranded	[mm²]	0.2 - 4 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5		
2 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		

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

MKKDSH 3-EX, Linear pinning



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

ERC
Ex: EAC Ex

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

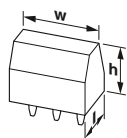


Technical data

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

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

MK3DSH 3-EX, Linear pinning



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

ERC
Ex: EAC Ex

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

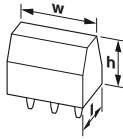
Ex marking	0344 II 2G / Ex eb IIC Gb
Examination certificate	KEMA 01ATEX2130 U
IECEX certificate	IECEX KEM 07.0019 U
Connection capacity	
Solid / stranded	[mm²] 0.2 - 4 / 0.2 - 2.5
Solid / stranded	AWG 24 - 12 / 24 - 14
Stripping length	[mm] 7
Tightening torque clamping space	[Nm] 0.5 - 0.6 Nm
Electrical 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

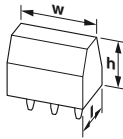


Technical data

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

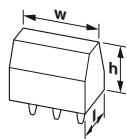


Technical data

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

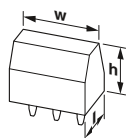


Technical data

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

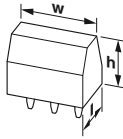
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 4 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1 / 0.2 - 1		
2 conductors with same 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

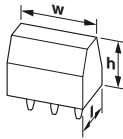


Technical data

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

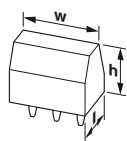


Technical data

Connection capacity			
Solid / stranded	[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]	7	
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
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

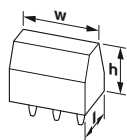


Technical data

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

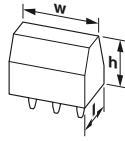
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 4 / 0.2 - 2.5		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 2.5		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5		
2 conductors with 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]	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

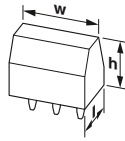


Technical data

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

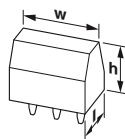


Technical data

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

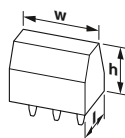


Technical data

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

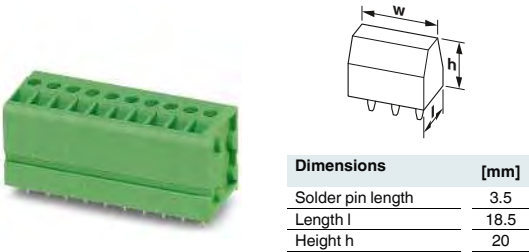
Connection capacity		
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 1.5
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 0.75 / 0.2 - 0.75
2 conductors with same 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

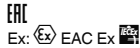
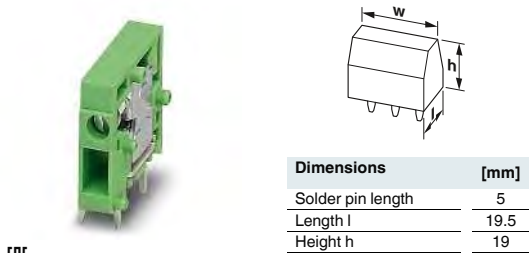


Technical data

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

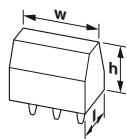


Technical data

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

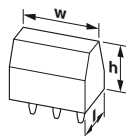


Technical data

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
Ex: EAC Ex

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

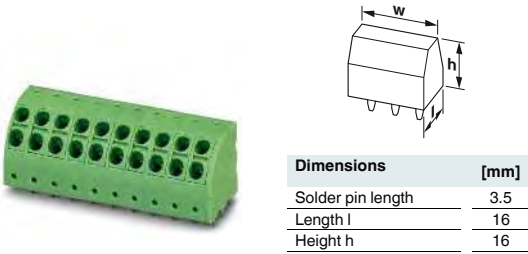
Connection capacity	
Solid / stranded	[mm²] 0.14 - 2.5 / 0.14 - 2.5
Stranded with ferrules without plastic sleeve	[mm²] 0.25 - 1.5
Stranded with ferrules with plastic sleeve	[mm²] 0.25 - 1.5
2 conductors with same cross section solid / stranded	[mm²] - / -
2 conductors with same cross section, stranded, 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



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

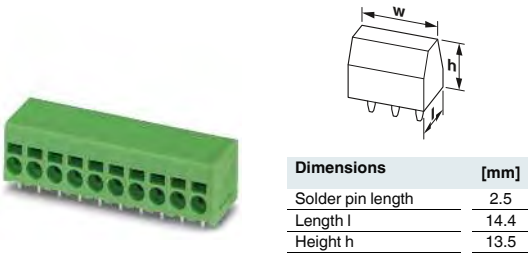


Technical data

Connection capacity			
Solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5	
Stranded with ferrules without plastic sleeve	[mm ²]	0.5 - 2.5	
Stranded with ferrules with plastic sleeve	[mm ²]	0.5 - 1	
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 2.5 / 0.2 - 2.5	
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 - 1	
Conductor cross section AWG/kcmil		24 - 14	
Stripping length	[mm]	10	
Tightening torque	[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]	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



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

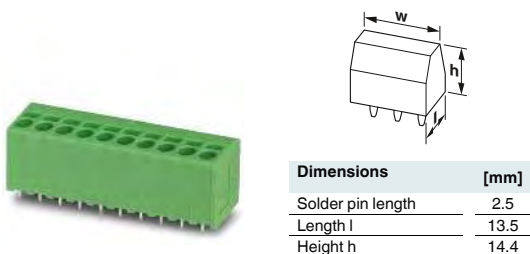


Technical data

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

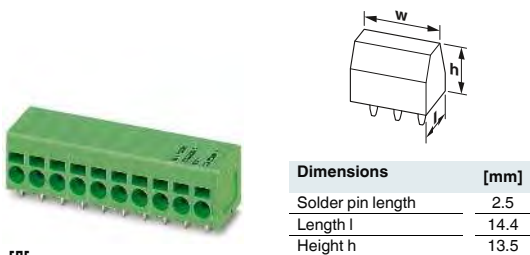


Technical data

Connection capacity	
Solid / stranded	[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] 10
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] 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	61.4



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	[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 / 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, Solid / stranded, Stripping length, Tightening torque clamping space, Electrical parameters, Rated current / conductor cross section, Rated voltage, General data, Type of insulation material / insulation material group, and Inflammability class in acc. with UL 94.

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

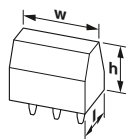
SPT 2,5/...-H-EX PROFINET, Linear double pinning

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, Solid / stranded, Stripping length, Tightening torque clamping space, Electrical parameters, Rated current / conductor cross section, Rated voltage, General data, Type of insulation material / insulation material group, and Inflammability class in acc. with UL 94.

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

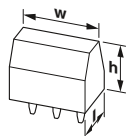


Technical data

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

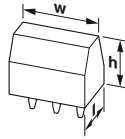
Connection capacity	
Solid / stranded	[mm²] 0.2 - 2.5 / 0.2 - 4
Stranded with ferrules without plastic sleeve	[mm²] 0.25 - 2.5
Stranded with ferrules with plastic sleeve	[mm²] 0.25 - 2.5
2 conductors with same cross section solid / stranded	[mm²] - / -
2 conductors with same cross section, stranded, 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



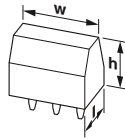
Technical data

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

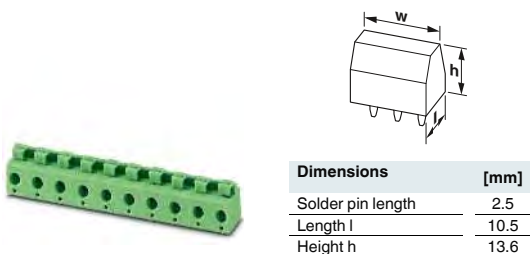


Technical data

Connection capacity			
Solid / stranded	[mm²]	0.2 - 4 / 0.2 - 4	
Stranded with ferrules without plastic sleeve	[mm²]	0.2 - 2.5	
Stranded with ferrules with plastic sleeve	[mm²]	0.2 - 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 - 0.75	
Conductor cross section AWG/kcmil		24 - 12	
Stripping length	[mm]	10	
Tightening torque	[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]	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

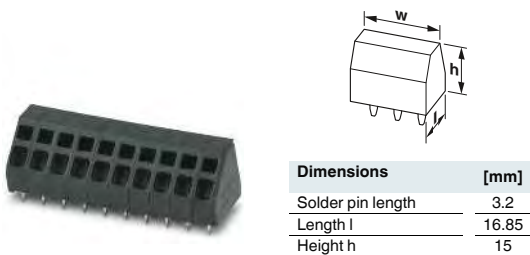


Technical data

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 - 26-14
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, 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

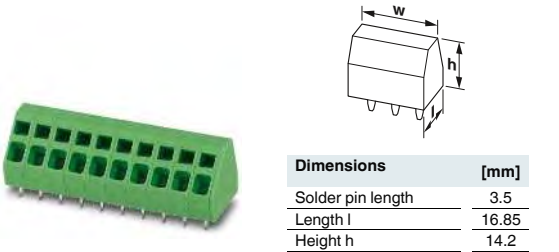
Connection capacity		
Solid / stranded	[mm ²]	0.2 - 4 / 0.2 - 2.5
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 2.5
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 1.5
2 conductors with same cross section solid / stranded	[mm ²]	- / -
2 conductors with same cross section, stranded, 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 - 26-12
AWG		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

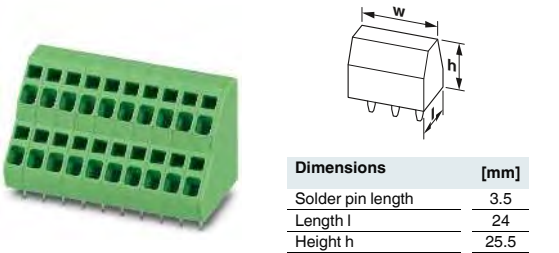


Technical data

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

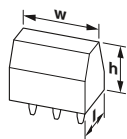


Technical data

Connection capacity			
Solid / stranded	[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]	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

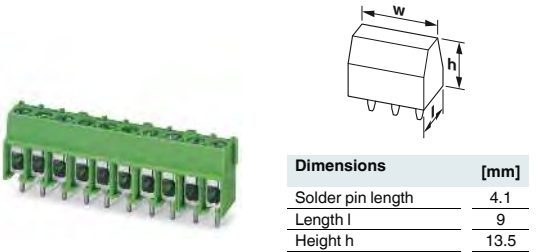
Ex marking	0344 Ex II 2G / Ex eb IIC Gb
Examination certificate	PTB 06ATEX1073 U
IECEX certificate	IECEX PTB 06.0096.U
Connection capacity	
Solid / stranded	[mm ²] 0.2 - 4 / 0.2 - 2.5
Solid / stranded	AWG 24 - 14 / 24 - 16
Stripping length	[mm] 7
Tightening torque clamping space	[Nm] -
Electrical parameters	
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



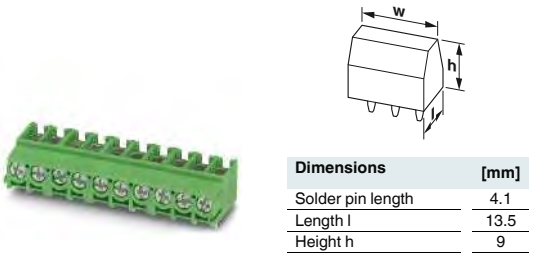
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PT 2,5/ 2-5,0-H	1935776	250	10
3	PT 2,5/ 3-5,0-H	1935789	250	15
4	PT 2,5/ 4-5,0-H	1935792	250	20
5	PT 2,5/ 5-5,0-H	1935802	100	25
6	PT 2,5/ 6-5,0-H	1935815	100	30
7	PT 2,5/ 7-5,0-H	1935828	100	35
8	PT 2,5/ 8-5,0-H	1935831	100	40
9	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



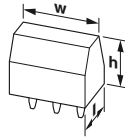
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	PT 2,5/ 2-5,0-V	1987724	250	10
3	PT 2,5/ 3-5,0-V	1987737	250	15
4	PT 2,5/ 4-5,0-V	1987740	250	20
5	PT 2,5/ 5-5,0-V	1987753	100	25
6	PT 2,5/ 6-5,0-V	1987766	100	30
7	PT 2,5/ 7-5,0-V	1987779	100	35
8	PT 2,5/ 8-5,0-V	1987782	100	40
9	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

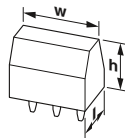


Technical data

Connection capacity			
Solid / stranded	[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	

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

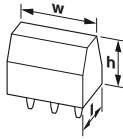
Connection capacity			
Solid / stranded	[mm ²]	0.5 - 4 / 0.5 - 4	
Stranded with ferrules without plastic sleeve	[mm ²]	0.5 - 2.5	
Stranded with ferrules with plastic sleeve	[mm ²]	0.5 - 2.5	
2 conductors with same cross section solid / stranded	[mm ²]	0.5 - 1.5 / 0.5 - 1.5	
2 conductors with same cross 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

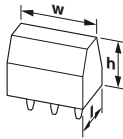


Technical data

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

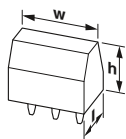


Technical data

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

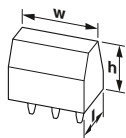


Technical data

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

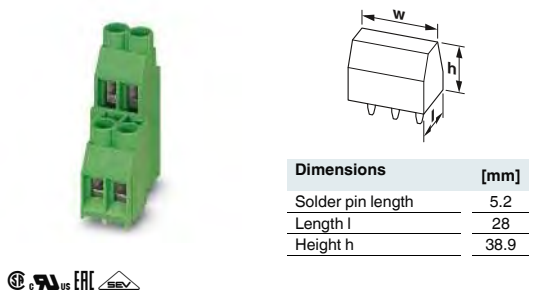
Connection capacity				
Solid / stranded	[mm²]	0.2 - 6 / 0.2 - 4		
Stranded with ferrules without plastic sleeve	[mm²]	0.25 - 4		
Stranded with ferrules with plastic sleeve	[mm²]	0.25 - 4		
2 conductors with same cross section solid / stranded	[mm²]	0.2 - 1.5 / 0.2 - 1.5		
2 conductors with same cross 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]	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

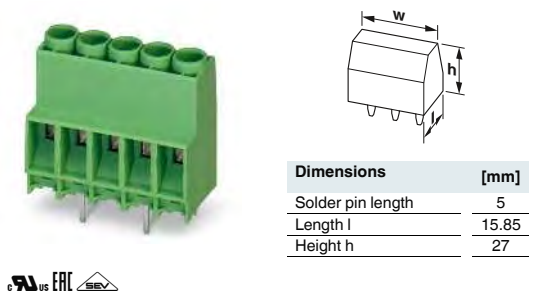


Technical data

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

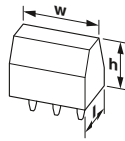


Technical data

Connection capacity			
Solid / stranded	[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]	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

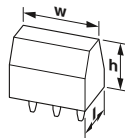


Technical data

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

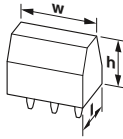
Connection capacity			
Solid / stranded	[mm ²]	0.2 - 6 / 0.2 - 4	
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 4	
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 4	
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5	
2 conductors with same cross 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



Dimensions	[mm]
Solder pin length	5
Length l	12.05
Height h	21.5



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

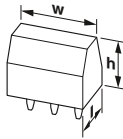


Technical data

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



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	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

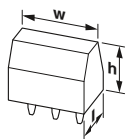


Technical data

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

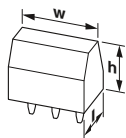


Technical data

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

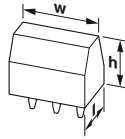
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 6 / 0.2 - 4		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 4		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 4		
2 conductors with same cross section solid / stranded	[mm ²]	0.2 - 1.5 / 0.2 - 1.5		
2 conductors with same 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



Dimensions	[mm]
Solder pin length	5.2
Length l	28
Height h	38.9



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

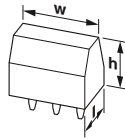


Technical data

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



Dimensions	[mm]
Solder pin length	5
Length l	26
Height h	29.4



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

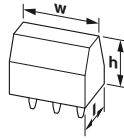


Technical data

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

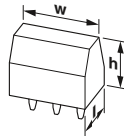


Technical data

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

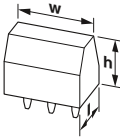
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 10 / 0.2 - 6		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 6		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 4		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, 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

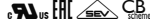
Conductor cross section up to 6 mm² (AWG 10)

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



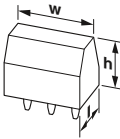
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPT 5/ 2-H-7,5	1738131	50	16.8



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



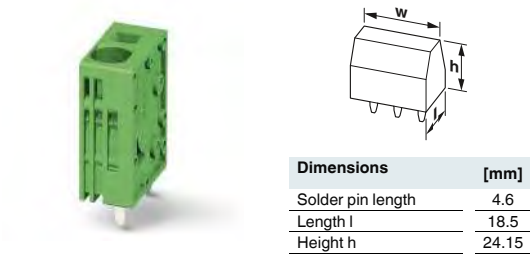
Ordering data				
No. of pos.	Type	Order No.	Pcs./ Pkt.	Width w [mm]
2	SPT 5/ 2-V-7,5-ZB	1719312	50	16.8
3	SPT 5/ 3-V-7,5-ZB	1719325	50	24.3
4	SPT 5/ 4-V-7,5-ZB	1719338	50	31.8
5	SPT 5/ 5-V-7,5-ZB	1719341	50	39.3
6	SPT 5/ 6-V-7,5-ZB	1719354	50	46.8
7	SPT 5/ 7-V-7,5-ZB	1719367	50	54.3
8	SPT 5/ 8-V-7,5-ZB	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

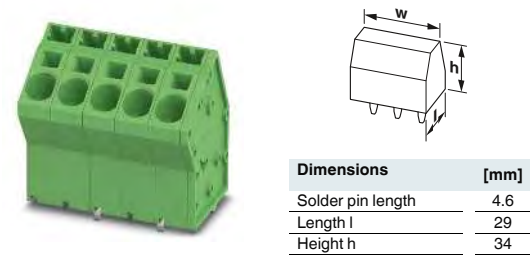


Technical data

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

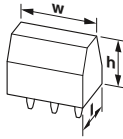
Connection capacity			
Solid / stranded	[mm ²]	0.2 - 6 / 0.2 - 6	
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 6	
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 4	
2 conductors with same cross section solid / stranded	[mm ²]	- / -	
2 conductors with same cross section, stranded, 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

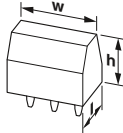


Technical data

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

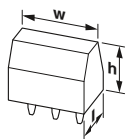


Technical data

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

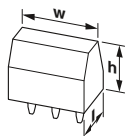


Technical data

Connection capacity				
Solid / stranded	[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]	- / -		
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 - 10		
Stripping length	[mm]	10		
Tightening torque	[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]	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

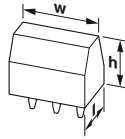
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 6 / 0.2 - 6		
Stranded with ferrules without plastic sleeve	[mm ²]	0.2 - 6		
Stranded with ferrules with plastic sleeve	[mm ²]	0.2 - 6		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, stranded, 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

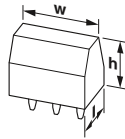


Technical data

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

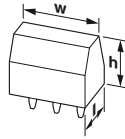


Technical data

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
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 / 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	

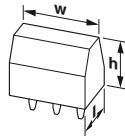


Technical data

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

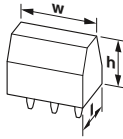
Connection capacity			
Solid / stranded	[mm ²]	- / 2.5 - 6	
Stranded with ferrules without plastic sleeve	[mm ²]	2.5 - 6	
Stranded with ferrules with plastic sleeve	[mm ²]	-	
2 conductors with same cross section solid / stranded	[mm ²]	- / -	
2 conductors with same cross section, stranded, with ferrule 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

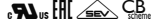
Conductor cross section up to 16 mm² (AWG 6)

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

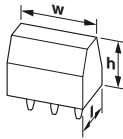


Technical data

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

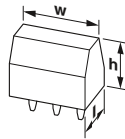
Connection capacity			
Solid / stranded	[mm²]	0.5 - 16 / 0.5 - 16	
Stranded with ferrules without plastic sleeve	[mm²]	0.5 - 16	
Stranded with ferrules with plastic sleeve	[mm²]	0.5 - 16	
2 conductors with same cross section solid / stranded	[mm²]	0.5 - 4 / 0.5 - 4	
2 conductors with same cross section, 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

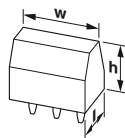


Technical data

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

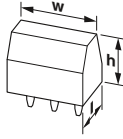
Connection capacity			
Solid / stranded	[mm ²]	0.5 - 16 / 0.5 - 16	
Stranded with ferrules without plastic sleeve	[mm ²]	0.5 - 16	
Stranded with ferrules with plastic sleeve	[mm ²]	0.5 - 16	
2 conductors with same cross section solid / stranded	[mm ²]	0.5 - 4 / 0.5 - 4	
2 conductors with same cross section, 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

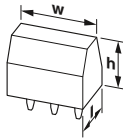


Technical data

Connection capacity				
Solid / stranded	[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/..-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

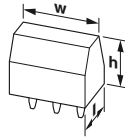


Technical data

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

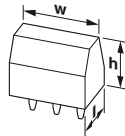


Technical data

Connection capacity				
Solid / stranded	[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/...-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

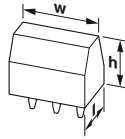
Connection capacity			
Solid / stranded	[mm ²]	0.75 - 16 / 0.75 - 16	
Stranded with ferrules without plastic sleeve	[mm ²]	0.75 - 16	
Stranded with ferrules with plastic sleeve	[mm ²]	0.75 - 10	
2 conductors with same cross section solid / stranded	[mm ²]	- / -	
2 conductors with same cross section, 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

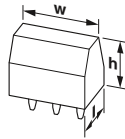


Technical data

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

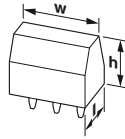


Technical data

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

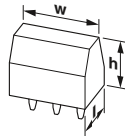


Technical data

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

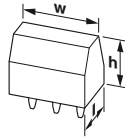
Connection capacity				
Solid / stranded	[mm ²]	0.2 - 16 / 0.2 - 16		
Stranded with ferrules without plastic sleeve	[mm ²]	0.25 - 10		
Stranded with ferrules with plastic sleeve	[mm ²]	0.25 - 10		
2 conductors with same cross section solid / stranded	[mm ²]	- / -		
2 conductors with same cross section, 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

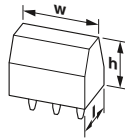


Technical data

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

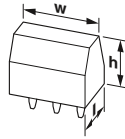


Technical data

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

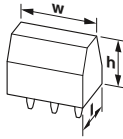
Connection capacity				
Solid / stranded	[mm²]	0.75 - 16 / 0.75 - 25		
Stranded with ferrules without plastic sleeve	[mm²]	0.75 - 16		
Stranded with ferrules with plastic sleeve	[mm²]	0.75 - 10		
2 conductors with same cross section solid / stranded	[mm²]	- / -		
2 conductors with same cross section, 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

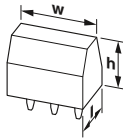


Technical data

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

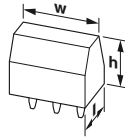


Technical data

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	-
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

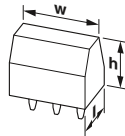


Technical data

Connection capacity			
Solid / stranded	[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, 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

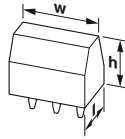
Connection capacity			
Solid / stranded	[mm ²]	1.5 - 16 / 1.5 - 35	
Stranded with ferrules without plastic sleeve	[mm ²]	1.5 - 35	
Stranded with ferrules with plastic sleeve	[mm ²]	1.5 - 35	
2 conductors with same cross section solid / stranded	[mm ²]	- / -	
2 conductors with same cross section, stranded, 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

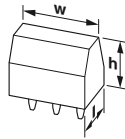


Technical data

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

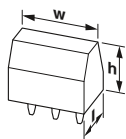


Technical data

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

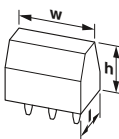
Connection capacity				
Solid / stranded	[mm ²]	1.5 - 70 / 1.5 - 70		
Stranded with ferrules without plastic sleeve	[mm ²]	1.5 - 50		
Stranded with ferrules with plastic sleeve	[mm ²]	1.5 - 50		
2 conductors with same cross section solid / stranded	[mm ²]	1.5 - 16 / 1.5 - 25		
2 conductors with same 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






1000 V
IEC

232 A
IEC

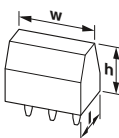
20 mm

95 mm²

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






1000 V
IEC

232 A
IEC

20 mm

95 mm²

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		