

UK universal terminal blocks, OTTA, RSC, UHV high-current terminal blocks, UBAL universal terminal blocks, SK shield connection clamps

Universal modular terminal blocks

Screw connections continue to dominate industrial connection technology. No other connection technology can achieve such high contact forces in a confined space. Our UK universal terminal block series, which has been accepted throughout the world, is named after the universal snap-on foot for DIN and G-profile rails, as well as the multi-conductor connection. Another feature of this terminal block series is the flexible screw-type bridge system with a high current carrying capacity.

In addition to standard terminal blocks, the comprehensive terminal block range in this series also includes a wide range of special terminal blocks. These include, for example, terminal blocks with slip-on connections, terminal blocks for use in high temperatures, and terminal block series for energy supply and building installation.

In addition to numerous approvals, all terminal blocks in the basic series are certified in accordance with the ATEX standard and can be used in Ex e potentially explosive areas.

i Your web code: **#1397**

Shield connection clamps

Shield connection clamps ensure error-free operation of your system. They provide optimum wiring convenience, are suitable for all standard cable shielding, and support EMC-compliant wiring thanks to their large surfaces and low-impedance and low-resistance contact transitions.

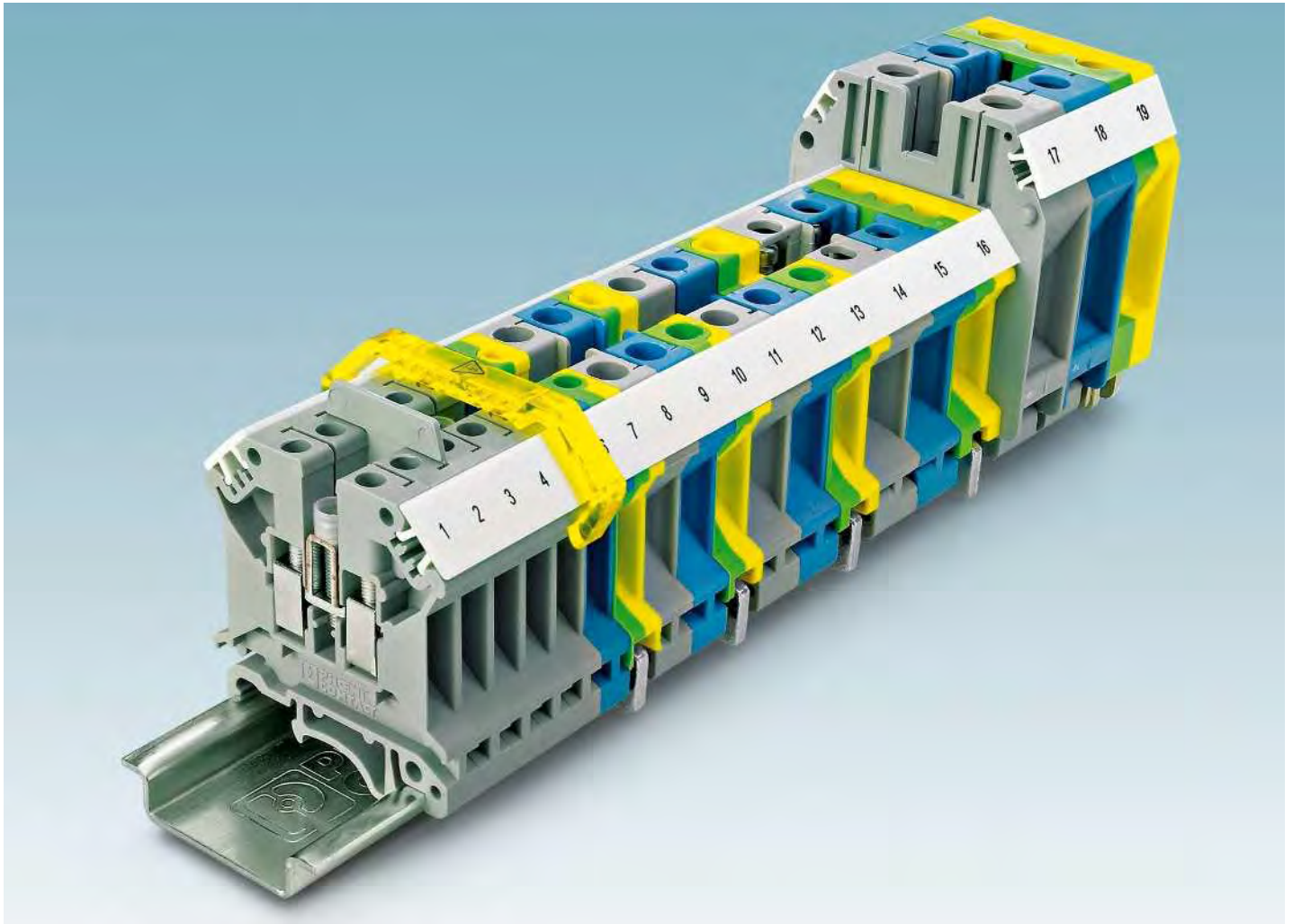
i Your web code: **#0845**

Product range overview

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Terminal blocks – Classic

UK universal modular terminal blocks



i Your web code: **#1397**



Universal and zero-maintenance

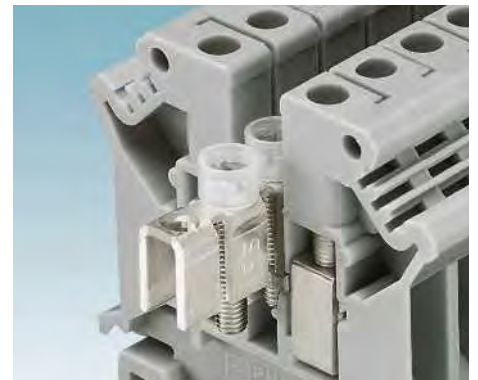
The UK screw connection is characterized by three main features.

- Global standard
- Multiple conductor connection
- Zero maintenance thanks to Reakdyn principle



Universal housing foot

The universal foot allows the terminal blocks to be easily snapped onto two popular DIN rail profiles, the NS 35 DIN rail or the NS 32 DIN rail with G shape.

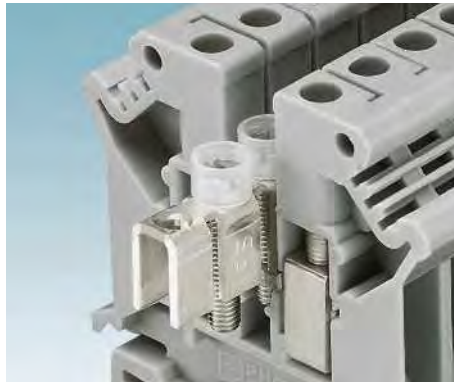


Screw-type bridge system

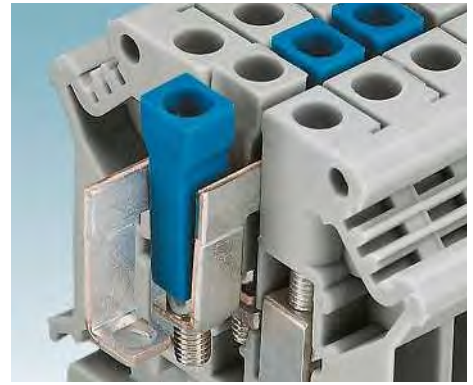
The range of application for terminal blocks is greatly determined by the bridge accessories. A wide choice of bridges is available for the UK series, enabling all switching tasks to be performed with ease.



If used with the corresponding fixed bridges, the step brackets STL... allow terminal blocks with different nominal cross sections to be connected. This allows infed blocks to be created with ease.



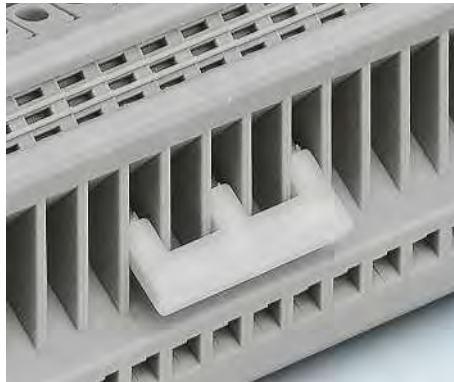
Any number of positions can be easily disconnected from a 10-pos. strip of the fixed bridge with isolation cap FBI ..., placed in the bridge shaft and screwed down.



The L bridges LB ... can be used to guide two different potentials over up to 100 terminal blocks in the bridge shaft. Isolated and color-coded contact screws clearly indicate the relevant potential.



The bridge bar isolator switching bridges ISSBI ... enable switchable cross connections if used with bridge bar isolator IS Here the screw has the function of a live switching element.



The isolated insertion bridges EB ... are simply clamped down at the connection points with or without conductors. The bridges can be assembled as required for the number of positions. Individual forks are removed for jumping bridging.



PSB ... test sockets which can be screwed into the bridge shaft enable reliable test points for 2.3 mm and 4 mm test plugs. The 2.3 mm MPS ... test plug makes direct contact in the bridge shaft when using terminal blocks with an overall width of 5.2 mm and 6.2 mm.



Large and clear marking of the terminal points is essential for reliable and quick installation. Each terminal point in the UK series can be labeled separately.



The separating disk TS ... is used to electrically and visually separate two neighboring bridges. A separating disk should be placed on both sides of the bridge in order for the terminal blocks to retain their complete nominal voltage.



The partition plates protrude beyond the terminal block contours. They provide visual as well as electrical group separation.

Terminal blocks – Classic

UK universal modular terminal blocks

Feed-through terminal blocks UK ...

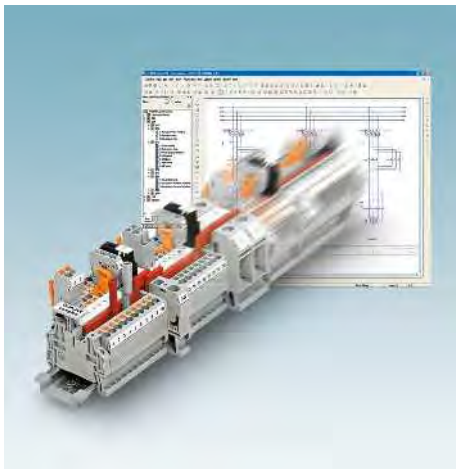


- The UK series of universal screw terminal blocks possesses typical features which are crucial to practical use
- Universal foot which can be used on DIN rails NS 35 ... and NS 32 ...
- Potential distribution alternatively via fixed bridges in the terminal center or insertion bridges in the clamping space
- High bridge currents

High-current terminal blocks up to 240 mm²

The UKH high-current terminal blocks up to 240 mm² can be found in the section on UT screw connection terminal blocks

PROJECT complete planning enables the quick and convenient planning and configuration of error-free terminal strips.



Notes:

For more insertion bridges, visit phoenixcontact.net/products

1) For information on installation and using accessories for Ex applications, see page 678.



**1.5 (1.5) mm², 17.5 A,
feed-through terminal block**



KEMA 98ATEX1651 U / IECEx KEM 06.0034U

Technical data

Dimensions		Width		Length		Height NS 35/7,5	
		4.2		42.5		42	
Dimensions		Width		Length		Height NS 32	
		4.2		42.5		47	
Maximum electrical data		I _{max} [A]		U _{max} [V]		max. Ø [mm²]	
		17.5		500		0.14 - 1.5	
		IEC 60947-7-1				30-14	
Rated data		IEC		UL / CUL		CSA	
		500		300		-	
Rated voltage [V]		17.5 / 1.5		15 / -		-	
Nominal current / cross section [A] / [mm²]		1.5		-		0.14-1.5	
Rated cross section [mm²]		26 - 16		30-14		-	
Cross section range AWG		Rigid		Flexible		Ferrule	
		0.14 - 1.5		0.14 - 1.5		without/with plastic sleeve	
		0.14 - 0.75		0.14 - 0.75		0.25 - 0.75 0.25 - 0.75	
		-		-		-	
		-		-		0.5 - 0.5	
		-		-		-	
Connection capacity		Rigid		Flexible		Ferrule	
1 conductor [mm²]		0.14 - 1.5		0.14 - 1.5		0.25 - 0.75 0.25 - 0.75	
2 conductors (of the same type) [mm²]		0.14 - 0.75		0.14 - 0.75		-	
2 flexible conductors with a TWIN ferrule [mm²]		-		-		0.5 - 0.5	
Max. cross section with insertion bridge [mm²]		-		-		-	
General data		7		M2		0.22 - 0.25	
Stripping length [mm]						PA	
Screw thread						V0	
Tightening torque [Nm]							
Insulating material							
Flammability rating in accordance with UL 94							

Description	No. of pos.	Color
Terminal block, for mounting on NS 32... or NS 35...		gray
		blue

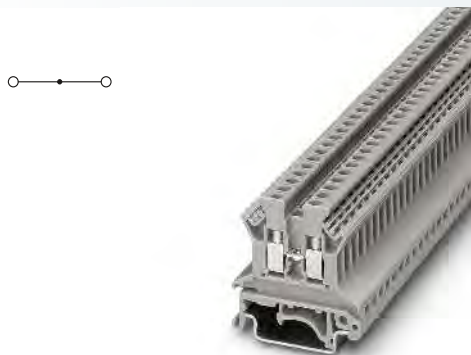
Cover, width: 1.5 mm		gray blue
Cover, width: 1.8 mm		gray blue
Fixed bridge, isolated	10	silver
Insertion bridge, insulated	10	gray
Switch bar for 2 terminal blocks, complete, to increase insulation an end cover must be interposed	2	silver
Isolator bridge bar, divisible, with 10 screws, for switchable branches with IS-K...	10	silver
Bridge bar isolator, as distance piece for isolator bridge bar		gray
Separating disk, for separation of neighboring bridges, can be fitted later, no loss of pitch		gray
Partition plate, 1.5 mm wide		gray
Test socket		silver
Test socket, insulated, can be used only with FBI and ISSBI		silver
Screwdriver		
Lateral groove labeling		

Ordering data

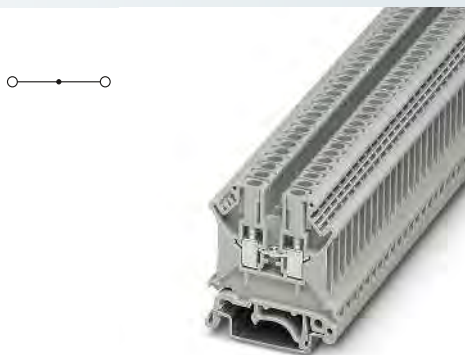
Type	I _{max}	Order No.	Pcs./Pkt.
UK 1,5 N		3005837	50
UK 1,5 N BU		3005840	50

Accessories¹⁾

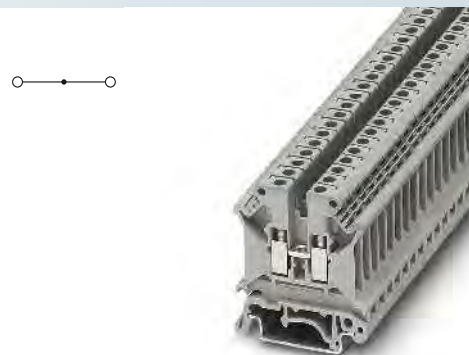
D-UK 2,5		3001022	50
D-UK 2,5 BU		3001103	50
FBRN 10-4 N	12 A	3001624	10
ATP-UK		3003224	50
SZS 0,4X2,5 VDE		1205037	10
ZB 4 (see Catalog 3)			



**2.5 (4) mm², 24 A,
feed-through terminal block**



**2.5 (4) mm², 32 A,
feed-through terminal block**



4 (6) mm², 41 A,
feed-through terminal block



Ex: EAC Ex
KEMA 06ATEX0119 U / IECEx KEM 06.0034U

Technical data			
Width	Length	Height NS 35/7,5	
5.2	42.5	42	
Width	Length	Height NS 32	
5.2	42.5	47	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
24	800	0.2 - 4	30-12
IEC 60947-7-1			Ⓔ
IEC	UL / CUL	CSA	IEC/ EN 60079-7
800	300	300	550
24 / 2.5	20 / -	20 / -	22 / 2.5
2.5	-	-	0.2-2.5
24 - 12	30-12	28-12	24 - 12
Rigid	Flexible	Ferrule	
		without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 1.5
0.2 - 1	0.2 - 1	0.25 - 1	-
-	-	-	0.5 - 1.5
2.5	2.5	-	-
7			
M3			
0.6 - 0.8			
PA			
V2			

Ordering data			
Type	$I_{\max}$	Order No.	Pcs./Pkt.
UK 2,5 N		3003347	50
UK 2.5 N BU		3003350	50

Accessories ¹⁾			
D-UK 2,5		3001022	50
D-UK 2,5 BU		3001103	50
FBR1 10-5 N	24 A	2770642	10
EBL 10- 5	24 A	2303132	10
USBR 2-7	18 A	2303239	1
TS-KK 3		2770215	50
ATP-UK		3003224	50
PSB 3/10/4		0601292	10
PSBJ 3/13/4		0201304	10
SF-SL 0,6X3,5-100 S-VDE		1212587	10
ZB 5 (see Catalog 3)			



Ex: EAC Ex
KEMA 98ATEX1651 U / IECEx KEM 06.0034U

Technical data			
Width	Length	Height NS 35/7,5	
5.2	42.5	47	
Width	Length	Height NS 32	
5.2	42.5	52	
$I_{\max}$ [A]	$U_{\max}$ [V]	max. Ø [mm ²]	AWG (UL)
32	800	0.2 - 4	28-12
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
800	600	600	690
24 / 2.5	20 / -	20 / -	23 / 2.5
2.5	-	-	0.2-2.5
24 - 12	28-12	28-12	24 - 12
Rigid	Flexible	Ferrule	
		without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 1.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 1
4	2.5	-	-
8			
M3			
0.6 - 0.8			
PA			
V0			

Ordering data			
Type	$I_{\max}$	Order No.	Pcs./Pkt.
UK 3 N		3001501	50
UK 3 N BU		3001514	50

Accessories¹)			
D-UK 4/10		3003020	50
D-UK 4/10 BU		3003101	50
FBRI 10-5 N	30 A	2770642	10
EBL 10- 5	24 A	2303132	10
TS-K		1302215	50
ATP-UK		3003224	50
PSB 3/10/4		0601292	10
PSBJ 3/13/4		0201304	10
SF-SL 0,6X3,5-100 S-VDE		1212587	10
ZB 5 (see Catalog 3)			



Ex: EAC Ex
KEMA 98ATEX1651 U / IECEx KEM 06.0034U

Technical data			
Width	Length	Height NS 35/7,5	
6.2	42.5	47	
Width	Length	Height NS 32	
6.2	42.5	52	
$I_{\max}$ [A]	$U_{\max}$ [V]	max. Ø [mm ²]	AWG (UL)
41	800	0.2 - 6	30-10
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
800	600	600	690
32 / 4	30 / -	30 / -	30.5 / 4
4	-	-	0.2-4
24 - 10	30-10	28-10	24 - 10
Rigid	Flexible	Ferrule	
		without/with plastic sleeve	
0.2 - 6	0.2 - 4	0.25 - 4	0.25 - 2.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 2.5
4	4	-	-
8			
M3			
0.6 - 0.8			
PA			
VQ			

Ordering data			
Type	$I_{\max}$	Order No.	Pcs./Pkt
UK 5 N		3004362	50
UK 5 N BU		3004388	50

Accessories ¹⁾			
D-UK 4/10		3003020	50
D-UK 4/10 BU		3003101	50
FBI 10- 6	41 A	0203250	10
EB 10- 6	32 A	0201139	10
USBR 2-7	34 A	2303239	1
ISSBI 10- 6	30 A	0301505	10
IS-K 4		1302338	100
TS-K		1302215	50
ATP-UK		3003224	50
PSB 3/10/4		0601292	10
PSBJ 3/13/4		0201304	10
SF-SL 0,6X3,5-100 S-VDE		1212587	10
ZB 6 (see Catalog 3)			

Terminal blocks – Classic

UK universal modular terminal blocks

UHSK/S 2000 feed-through terminal blocks

- All universal terminal blocks of the UK ... series can also be used in the area at risk of explosion in accordance with IEC/EN 60079 as standard
- The corresponding EC type examination certificate numbers for the Ex approval can be found in the technical connection data

Notes:

¹⁾ For information on installation and using accessories for Ex applications, see page 678.



6 (10) mm², 57 A, 2000 V,
feed-through terminal block



SEV12ATEX0168U / IECEx SEV12.0008U

Technical data

Dimensions	
	[mm]
Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Rated cross section	[mm ²]
Cross section range	AWG
Connection capacity	
1 conductor	[mm ²]
2 conductors (of the same type)	[mm ²]
2 flexible conductors with a TWIN ferrule	[mm ²]
Max. cross section with insertion bridge	[mm ²]
General data	
Stripping length	[mm]
Screw thread	
Tightening torque	[Nm]
Insulating material	
Flammability rating in accordance with UL 94	

Width	Length	Height NS 35/7,5	
10.2	52	70.5	
Width	Length	Height NS 32	
10.2	52	75.5	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
57	2000	0.5 - 10	26-8
IEC 60947-7-1			Ⓔ
IEC	UL / CUL	CSA	IEC/ EN 60079-7
2000	1000	600	1100
41 / -	50 / -	25 / -	41 / 6
6	-	-	0.5-6
20 - 8	26-8	26-12	20 - 8
Rigid	Flexible	Ferrule	
		without/with plastic sleeve	
0.5 - 10	0.5 - 6	0.5 - 10	0.5 - 6
0.5 - 6	0.5 - 6	0.5 - 6	-
-	-	-	0.5 - 6
-	-	-	-
10			
M4			
1.5 - 1.8			
PA			
V0			

Ordering data

Description	No. of pos.	Color
Terminal block, with universal foot for mounting on NS 32... or NS 35...		gray
		blue
Terminal block, for mounting on NS 35...		gray
		blue

Type	I _{max}	Order No.	Pcs./Pkt.
UHSK/S 2000		0704076	50

Accessories¹⁾

Cover, width: 1.8 mm	gray
Cover, width: 1.5 mm	gray
Cover, width: 2 mm	gray
Fixed bridge, isolated	
	2 silver
	10 silver
Insertion bridge, fully insulated	10 gray
Switching bridge for 2 terminal blocks, a cover must be placed between them to increase isolation	
	2 silver
Isolator bridge bar, divisible, with 10 screws, for switchable branches with IS-K...	10 silver
Bridge bar isolator, as distance piece for isolator bridge bar	gray
Separating disk, for separation of neighboring bridges, can be fitted later, no loss of pitch	gray
Partition plate, 1.5 mm wide	gray
Test socket, for test connection with test plug PS	silver
Screwdriver	
Lateral groove labeling	

D-UHSK 2000		0704021	50
FBI 10-10	61 A	0203276	10

ZB 10 (see Catalog 3)



6 (10) mm², 57 A,
feed-through terminal block



KEMA 98ATEX1651 U / IECEx KEM 06.0034U

Technical data

Width	Length	Height NS 35/7,5	
8.2	42.5	47	
Width	Length	Height NS 32	
8.2	42.5	52	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
57	800	0.2 - 10	26-8
IEC 60947-7-1			Ⓔ
IEC	UL / CUL	CSA	IEC/ EN 60079-7
800	600	600	690
41 / 6	50 / -	50 / -	41 / 6
6	-	-	0.2-6
24 - 8	26-8	26-8	24 - 8
Rigid	Flexible	Ferrule	
		without/with plastic sleeve	
0.2 - 10	0.2 - 6	0.25 - 6	0.25 - 6
0.2 - 2.5	0.2 - 2.5	0.25 - 1.5	-
-	-	-	0.5 - 4
4	4	-	-
10			
M4			
1.5 - 1.8			
PA			
V0			

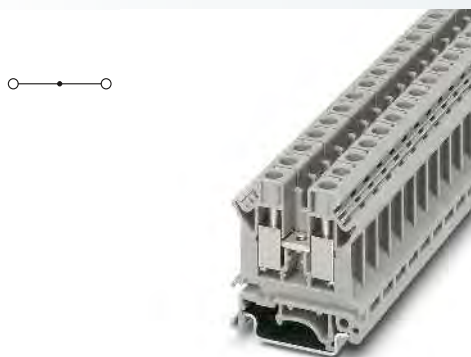
Ordering data

Type	I _{max}	Order No.	Pcs./Pkt.
UK 6 N		3004524	50
UK 6 N BU		3004977	50

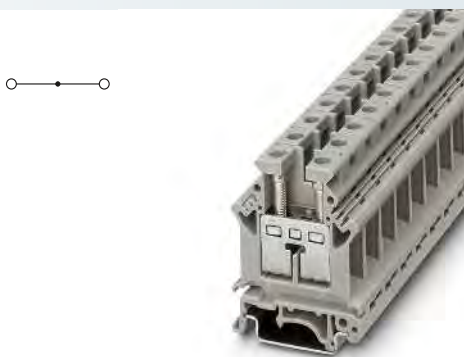
Accessories¹⁾

D-UK 4/10		3003020	50
FBI 10- 8	57 A	0203263	10
EB 10- 8	57 A	0202138	10
SB 2- 8/13 N	40 A	0200062	1
ISSBI 10- 8	57 A	0301534	10
IS-K 10		1303337	100
TS-K		1302215	50
ATP-UK		3003224	50
PSB 4/7/6		0303299	10
SZS 1,0X4,0 VDE		1205066	10

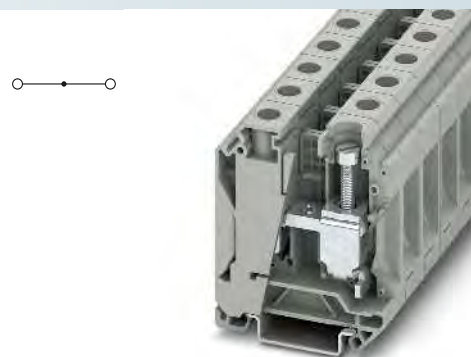
ZB 8 (see Catalog 3)



10 (16) mm², 76 A,
feed-through terminal block



16 (25) mm², 101 A,
feed-through terminal block



35 (35) mm², 125 A,
feed-through terminal block

CE EAC KEMA IEC CB
Ex: Ex EAC Ex IEC CB

KEMA 98ATEX1786U / IECEx KEM 06.0029U

CE EAC KEMA IEC CB
Ex: Ex EAC Ex IEC CB

KEMA 98ATEX1786U / IECEx KEM 06.0029U

CE EAC

Technical data			
Width	Length	Height NS 35/7,5	
10.2	42.5	47.3	
Width	Length	Height NS 32	
10.2	42.5	52.3	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
76	800	0.5 - 16	24-6
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
800	600	600	690
57 / 10	65 / -	65 / -	57 / 10
10	-	-	0.5-10
20 - 6	24-6	24-6	20 - 6
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.5 - 16	0.5 - 10	0.5 - 10	0.5 - 6
0.5 - 4	0.5 - 4	0.5 - 2.5	-
-	-	-	0.5 - 6
10	10	-	-
10			
M4			
1.5 - 1.8			
PA			
V0			

Technical data			
Width	Length	Height NS 35/7,5	
12.2	42.5	54	
Width	Length	Height NS 32	
12.2	42.5	59	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
101	800	2.5 - 25	22-4
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
800	600	600	690
76 / 16	85 / -	85 / -	74 / 16
16	-	-	4-16
14 - 4	22-4	22-4	14 - 4
Rigid	Flexible	Ferrule without/with plastic sleeve	
2.5 - 25	4 - 16	1.5 - 16	1.5 - 16
1.5 - 6	1.5 - 4	1.5 - 6	-
-	-	-	0.75 - 10
16	16	-	-
11			
M4			
1.5 - 1.8			
PA			
V0			

Technical data			
Width	Length	Height NS 35/7,5	
16	54.5	62	
Width	Length	Height NS 32	
16	54.5	-	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
125	1000	10 - 35	8-2
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1000	600	-	-
125 / 35	115	-	-
35	-	-	-
8 - 2	8-2	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
10 - 35	10 - 35	10 - 35	10 - 35
6 - 16	6 - 10	6 - 10	-
-	-	-	6 - 10
-	-	-	-
16			
M6			
3.2 - 3.7			
PA			
V0			

Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
UK 10 N		3005073	50
UK 10 N BU		3005086	50

Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
UK 16 N		3006043	50
UK 16 N BU		3006056	50

Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
UK 35 N		3074130	50
UK 35 N BU		3058350	50

Accessories ¹⁾			
D-UK 4/10		3003020	50
FBI 10-10	76 A	0203276	10
EB 10-10	70 A	0203137	10
TS-K		1302215	50
ATP-UK		3003224	50
PSB 4/7/6		0303299	10
SZS 1,0X4,0 VDE		1205066	10
ZB 10 (see Catalog 3)			

Accessories ¹⁾			
D-UK 16		3006027	50
FBI 10-12	101 A	0203454	10
EB 10-12	70 A	3006137	10
TS-K		1302215	50
ATP-UK		3003224	50
PSB 4/7/6		0303299	10
SZS 1,0X4,0 VDE		1205066	10
ZB 12 (see Catalog 3)			

Accessories ¹⁾			
FBI 2-15	125 A	0201333	10
PSB 6/5/6		0205290	10
SZS 1,0X6,5 VDE		1205079	10
ZB 16,3 (see Catalog 3)			

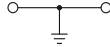
Terminal blocks – Classic

UK universal modular terminal blocks

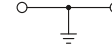
Ground terminal blocks USLKG ...

Notes:

1) For information on installation and using accessories for Ex applications, see page 678.



1.5 (1.5) mm², ground terminal block



2.5 (4) mm², ground terminal block



Ex: EAC Ex IEC 60079-7
KEMA 99ATEX4487U / IECEx KEM 06.0035U

Technical data

Dimensions	[mm]	Width	Length	Height NS 35/7,5	
		4.2	42.5	42	
Dimensions	[mm]	Width	Length	Height NS 32	
		4.2	42.5	47	
Maximum electrical data				max. Ø [mm²]	AWG (UL)
				0.14 - 1.5	26-14
Rated data		IEC 60947-7-2		ⓘ	
		IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	-	-	-	-
Nominal current / cross section	[A] / [mm²]	- / -	-	-	- / 1.5
Rated cross section	[mm²]	1.5	-	-	0.14-1.5
Cross section range	AWG	26 - 16	26-14	-	26 - 16
Connection capacity		Rigid	Flexible	Ferrule	
				without/with plastic sleeve	
1 conductor	[mm²]	0.14 - 1.5	0.14 - 1.5	0.25 - 0.75	0.25 - 0.75
2 conductors (of the same type)	[mm²]	0.14 - 0.75	0.14 - 0.75	0.25 - 0.34	-
2 flexible conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 0.5
General data					
Stripping length	[mm]	7			
Terminal point: Thread / torque	- / [Nm]	M2 / 0.22 - 0.25			
Mounting: Thread / torque	- / [Nm]	PE foot with mounting screw, M2 / 0.22 - 0.25			
Insulating material		PA			
Flammability rating in accordance with UL 94		V0			

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Ground terminal block, for mounting on NS 32... or NS 35...	green-yellow	USLKG 1,5 N	3005853	50
Ground terminal block, for mounting on NS 35/15-2,3	green-yellow			

Accessories¹⁾

Screwdriver	SZS 0,4X2,5 VDE	1205037	10
Lateral groove labeling	ZB 4 (see Catalog 3)		



Ex: EAC Ex IEC 60079-7
KEMA 96ATEX4370 U / IECEx KEM 06.0035U

Technical data

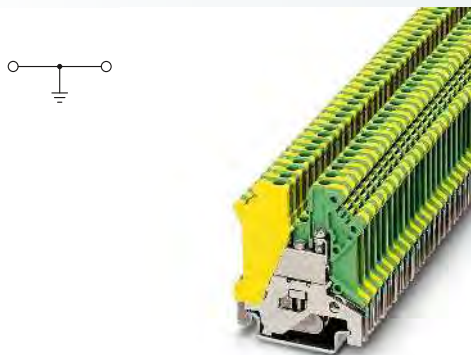
Width	Length	Height NS 35/7,5	
5.2	42.5	42	
Width	Length	Height NS 32	
5.2	42.5	47	
		max. Ø [mm²]	AWG (UL)
		0.2 - 4	-
IEC 60947-7-2			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
- / -	-	- / -	- / 2.5
2.5	-	-	0.2-2.5
24 - 12	-	28-12	24 - 12
Rigid	Flexible	Ferrule	
		without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 1.5
0.2 - 1	0.2 - 1	0.25 - 1.5	-
-	-	-	0.5 - 1.5
7			
M3 / 0.6 - 0.8			
PE foot with mounting screw, M2.5 / 0.5 - 0.6			
PA			
V0			

Ordering data

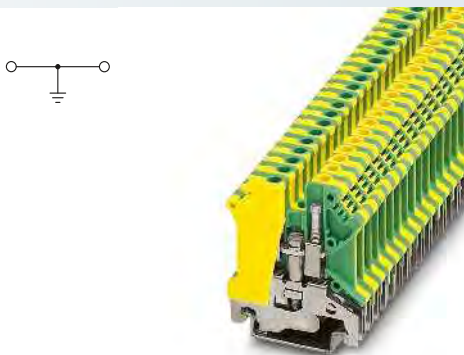
Description	Color	Type	Order No.	Pcs./Pkt.
Ground terminal block, for mounting on NS 32... or NS 35...	green-yellow	USLKG 2,5 N	0441119	50
Ground terminal block, for mounting on NS 35/15-2,3	green-yellow	USLKG 2,5 N-1	0443081	50

Accessories¹⁾

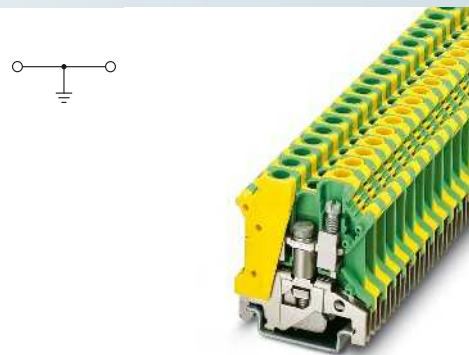
Screwdriver	SF-SL 0,6X3,5-100 S-VDE	1212587	10
Lateral groove labeling	ZB 5 (see Catalog 3)		



2.5 (4) mm², ground terminal block



4 (6) mm², ground terminal block



6 (10) mm², ground terminal block



Ex: EAC Ex IEC CB
KEMA 97ATEX1622 U / IECEx KEM 06.0035U

Technical data			
Width	Length	Height NS 35/7,5	
5.2	42.5	47	
Width	Length	Height NS 32	
5.2	42.5	52	
		max. Ø [mm²]	AWG (UL)
		0.2 - 4	24-12
IEC 60947-7-2		Ⓔ	
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
- / -	-	- / -	- / 2.5
2.5	-	-	0.2-2.5
24 - 12	24-12	22-12	24 - 12
Rigid	Flexible	Ferrule	
		without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 1.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 1.5
8			
M3 / 0.6 - 0.8			
PE foot with mounting screw, M2.5 / 0.5 - 0.6			
PA			
V0			



Ex: EAC Ex IEC CB
KEMA 99ATEX4487U / IECEx KEM 06.0035U

Technical data			
Width	Length	Height NS 35/7,5	
6.2	42.5	47	
Width	Length	Height NS 32	
6.2	42.5	52	
		max. Ø [mm²]	AWG (UL)
		0.2 - 6	24-10
IEC 60947-7-2			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
- / -	-	- / -	- / 4
4	-	-	0.2-4
24 - 10	24-10	26-10	24 - 10
Rigid	Flexible	Ferrule	
		without/with plastic sleeve	
0.2 - 6	0.2 - 4	0.25 - 4	0.25 - 2.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 2.5
8			
M3 / 0.6 - 0.8			
PE foot with mounting screw, M3 / 0.6 - 0.8			
PA			
V0			



Ex: EAC Ex IEC CB
KEMA 96ATEX4370 U / IECEx KEM 06.0035U

Technical data			
Width	Length	Height NS 35/7,5	
8.2	42.5	47	
Width	Length	Height NS 32	
8.2	42.5	52	
		max. Ø [mm²]	AWG (UL)
		0.2 - 10	24-8
IEC 60947-7-2		ⓘ	
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
- / -	-	-	- / 6
6	-	-	0.2-6
24 - 8	24-8	-	24 - 8
Rigid	Flexible	Ferrule	
		without/with plastic sleeve	
0.2 - 10	0.2 - 6	0.25 - 6	0.25 - 6
0.2 - 2.5	0.2 - 2.5	0.25 - 1.5	-
-	-	-	0.5 - 4
10			
M4 / 1.5 - 1.8			
PE foot with mounting screw, M4 / 1.5 - 1.8			
PA			
V0			

Ordering data		
Type	Order No.	Pcs./Pkt.
USLKG 3	0441083	50
USLKG 3-1	0441106	50

Accessories ¹⁾		
SF-SL 0,6X3,5-100 S-VDE	1212587	10
ZB 5 (see Catalog 3)		

Ordering data		
Type	Order No.	Pcs./Pkt.
USLKG 5	0441504	50
USLKG 5-1	0441517	50

Accessories ¹⁾		
SF-SL 0,6X3,5-100 S-VDE	1212587	10
ZB 6 (see Catalog 3)		

Ordering data		
Type	Order No.	Pcs./Pkt.
USLKG 6 N	0442079	50
USLKG 6 N-1	0444048	50

Accessories ¹⁾		
SZS 1,0X4,0 VDE	1205066	10
ZB 8 (see Catalog 3)		

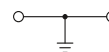
Terminal blocks – Classic

UK universal modular terminal blocks

Ground terminal blocks USLKG ...

Notes:

¹⁾ For information on installation and using accessories for Ex applications, see page 678.



10 (16) mm², ground terminal block



Ex: EAC Ex IEC CB
KEMA 99ATEX4487U / IECEx KEM 06.0035U

Technical data

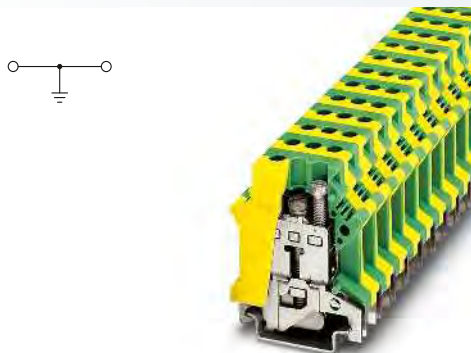
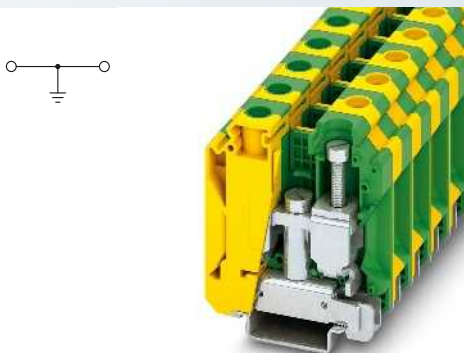
Dimensions		Width	Length	Height NS 35/7,5
		10.2	42.5	47
Dimensions		Width	Length	Height NS 32
		10.2	42.5	52
Maximum electrical data				max. Ø [mm²] AWG (UL)
				0.5 - 16 20-6
Rated data		IEC 60947-7-2		
		IEC	UL / CUL	CSA IEC/ EN 60079-7
Rated voltage	[V]	-	-	-
Nominal current / cross section	[A] / [mm²]	- / 10	-	- / 10
Rated cross section	[mm²]	10	-	0.5-10
Cross section range	AWG	20 - 6	20-6	24-6 20 - 6
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve
1 conductor	[mm²]	0.5 - 16	0.5 - 10	0.5 - 10 0.5 - 6
2 conductors (of the same type)	[mm²]	0.5 - 4	0.5 - 4	0.5 - 2.5 -
2 flexible conductors with a TWIN ferrule	[mm²]	-	-	- 0.5 - 6
General data				
Stripping length	[mm]	10		
Terminal point: Thread / torque	- / [Nm]	M4 / 1.5 - 1.8		
Mounting: Thread / torque	- / [Nm]	PE foot with mounting screw, M4 / 1.5 - 1.8		
Insulating material		PA		
Flammability rating in accordance with UL 94		V0		

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Ground terminal block, for mounting on NS 32... or NS 35...	green-yellow	USLKG 10 N	3003923	50
Ground terminal block, for mounting on NS 35/15-2,3	green-yellow	USLKG 10 N-1	0442082	50
Ground terminal block, for mounting on NS 35...	green-yellow			

Accessories¹⁾

Screwdriver	SZS 1,0X4,0 VDE	1205066	10
Lateral groove labeling	ZB 10 (see Catalog 3)		

16 (25) mm², ground terminal block35 (35) mm², ground terminal block

Ex: EAC Ex EAC Ex IEC ClassNK
KEMA 99ATEX4487U / IECEx KEM 06.0035U



Technical data			
Width	Length	Height NS 35/7,5	
12.2	42.5	54	
Width	Length	Height NS 32	
12.2	42.5	59	
		max. Ø [mm ²]	AWG (UL)
		2.5 - 25	14-4
IEC 60947-7-2			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
- / 16	-	- / -	- / 16
16	-	-	4-16
12 - 4	14-4	22-4	12 - 4
Rigid	Flexible	Ferrule without/with plastic sleeve	
2.5 - 25	4 - 16	1.5 - 16	1.5 - 16
1.5 - 6	1.5 - 4	1.5 - 6	-
-	-	-	0.75 - 10
11			
M4 / 1.5 - 1.8			
PE foot with mounting screw, M4 / 1.5 - 1.8			
PA			
V0			

Technical data			
Width	Length	Height NS 35/7,5	
16	53.4	62	
Width	Length	Height NS 32	
16	53.4	-	
		max. Ø [mm ²]	AWG (UL)
		10 - 35	-
IEC 60947-7-2			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
- / 35	-	-	-
35	-	-	-
8 - 2	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
10 - 35	10 - 35	10 - 35	10 - 35
6 - 16	6 - 10	6 - 10	-
-	-	-	6 - 10
16			
M6 / 3.2 - 3.7			
PE foot with mounting screw, M5 / 2.5 - 3			
PA			
V0			

Ordering data		
Type	Order No.	Pcs./Pkt.
USLKG 16 N	0443023	50
USLKG 16 N-1	0443036	50

Accessories ¹⁾		
SZS 1,0X4,0 VDE	1205066	10
ZB 12 (see Catalog 3)		

Ordering data		
Type	Order No.	Pcs./Pkt.
USLKG 35 N	3074143	50

Accessories ¹⁾		
SZS 1,0X6,5 VDE	1205079	10
ZB 16,3 (see Catalog 3)		

Terminal blocks – Classic

UK universal modular terminal blocks

Feed-through and ground terminal blocks with three UK 10-PLUS connections

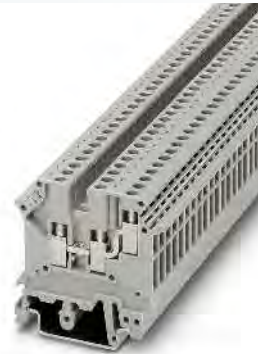


- These twin modular terminal blocks are designed for the basic job of potential branching
- The simple way to connect with very different types of conductors with very different cross sections
- Two independent conductor connections can be used on the switch cabinet side
- Bridgeable in the terminal center, even with feed-through terminal blocks added as neighbors: UK 3-TWIN with UK 3 N, UK 5-TWIN with UK 5 N and UK 10-TWIN and UK 10-PLUS with UK 10 N
- The terminal blocks UK 3-TWIN and UK 5-TWIN have the same shape but different pitch widths
- The UK 10-TWIN has two 10 mm² connection options
- The UK 10-PLUS has one connection for connecting through a 10 mm² supply cable and a 4 mm² tap
- UK 10-TWIN and UK 10-PLUS can also be bridged in the terminal center with the feed-through terminal blocks UK 10 N
- With universal foot for mounting on NS 35 ...or NS 32 ... DIN rails

Notes:

If added to the open side of the UK 3-TWIN and UK 5-TWIN universal terminal blocks UK, the open metal part must be closed with the UK 5-TWIN-DECKELSEGMENT, five of which are supplied with every package.

¹⁾ Tap: 41 A / 6 mm²



2.5 (2.5) mm², 24 A, feed-through terminal block, 3 connections



Dimensions	
Dimensions	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Rated cross section	[mm ²]
Cross section range	AWG
Connection capacity continuity	
1 conductor	[mm ²]
2 conductors (of the same type)	[mm ²]
2 flexible conductors with a TWIN ferrule	[mm ²]
Max. cross section with insertion bridge	[mm ²]
Connection capacity pick-off	
1 conductor	[mm ²]
2 conductors (of the same type)	[mm ²]
2 flexible conductors with a TWIN ferrule	[mm ²]
General data	
Stripping length: Continuity / pick-off	[mm]
Continuity: Thread / torque	
Pick-off: Thread / torque	
Insulating material	
Flammability rating in accordance with UL 94	

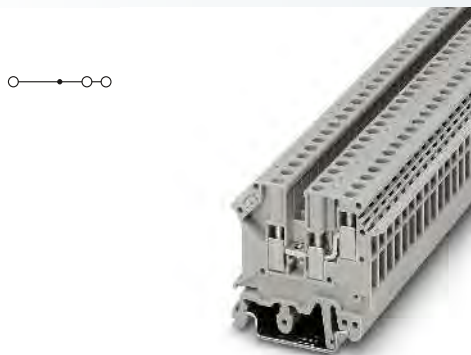
Technical data			
Width	Length	Height NS 35/7,5	
5.2	50.5	47	
Width	Length	Height NS 32	
5.2	50.5	52	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
24	400	0.2 - 2.5	30-12
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
400	300	300	-
24 / 2.5	10 / -	20 / -	-
2.5	-	-	-
24 - 14	30-12	28-12	-
Rigid	Flexible	Ferrule	
		without/with plastic sleeve	
0.2 - 2.5	0.2 - 2.5	0.25 - 1.5	0.25 - 1
0.2 - 0.5	0.2 - 0.5	0.25 - 0.5	-
-	-	-	0.5 - 0.75
2.5	2.5	-	-
Rigid	Flexible	Ferrule	
		without/with plastic sleeve	
-	-	-	-
-	-	-	-
-	-	-	-
8 / -			
M3 / 0.5 - 0.6			
- / -			
PA			
V2			

Description	No. of pos.	Color
Terminal block, with universal foot for reversible mounting on NS 32... or NS 35...		gray
		blue

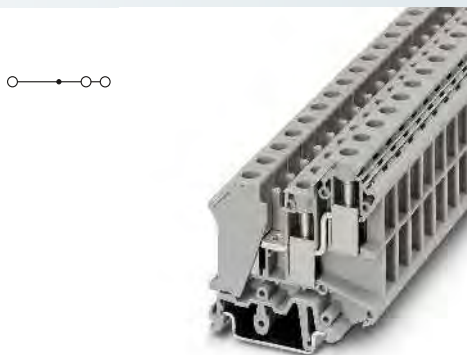
Cover, width: 2 mm		gray
Fixed bridge, isolated		blue
Insertion bridge, insulated	10	silver
	2	gray
	3	gray
	10	gray
Separating disk, for separation of neighboring bridges, can be fitted later, no loss of pitch		gray
Test socket		silver
Test socket, insulated, can be used only with FBI and ISSBI		silver
Screwdriver		
Lateral groove labeling		

Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
UK 3-TWIN		3002225	50
UK 3-TWIN BU		3002416	50

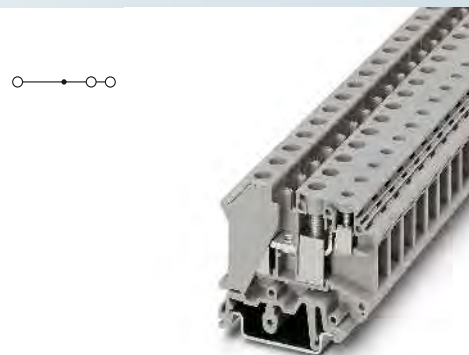
Accessories			
D-UK 5-TWIN		1923034	50
D-UK 5-TWIN BU		1923050	50
FBRI 10-5 N	24 A	2770642	10
EBL 2- 5	24 A	2303145	10
EBL 3- 5	24 A	2303158	10
EBL 10- 5	24 A	2303132	10
TS-K		1302215	50
PSB 3/10/4		0601292	10
PSBJ 3/13/4		0201304	10
SF-SL 0,6X3,5-100 S-VDE		1212587	10
ZB 5 (see Catalog 3)			



4 (4) mm², 32 A, feed-through terminal block, 3 connections



10 (16) mm², 76 A, feed-through terminal block, 3 connections



10 (16) mm², 76 A, feed-through terminal block, with tap

CE EAC KEMA ClassNK CB
Ex: Ex EAC Ex

CE EAC KEMA CB

CE EAC

Technical data			
Width	Length	Height NS 35/7,5	
6.2	50.5	47	
Width	Length	Height NS 32	
6.2	50.5	52	
I_{max} [A]	U_{max} [V]	max. Ø [mm²]	AWG (UL)
32	500	0.2 - 4	30-10
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	150	300	275
32 / 4	30 / -	30 / -	32
4	-	-	-
24 - 12	30-10	22-10	0.2-4
Rigid	Flexible	Ferrule	
		without/with plastic sleeve	
0.2 - 4	0.2 - 4	0.25 - 4	0.25 - 2.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 1.5
4	4	-	-
Rigid	Flexible	Ferrule	
		without/with plastic sleeve	
-	-	-	-
-	-	-	-
-	-	-	-
8 / -			
M3 / 0.6 - 0.8			
- / -			
PA			
V2			

Technical data			
Width	Length	Height NS 35/7,5	
10.2	56.5	59	
Width	Length	Height NS 32	
10.2	56.5	64	
I_{max} [A]	U_{max} [V]	max. Ø [mm²]	AWG (UL)
76	800	0.5 - 16	24-6
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
800	300	600	-
57 / 10	65 / -	65 / -	-
10	-	-	-
20 - 6	24-6	24-6	-
Rigid	Flexible	Ferrule	
		without/with plastic sleeve	
0.5 - 16	0.5 - 10	0.5 - 10	0.5 - 6
0.5 - 4	0.5 - 4	0.5 - 2.5	-
-	-	-	0.5 - 4
-	-	-	-
Rigid	Flexible	Ferrule	
		without/with plastic sleeve	
-	-	-	-
-	-	-	-
-	-	-	-
11 / -			
M4 / 1.5 - 1.8			
- / -			
PA			
V0			

Technical data			
Width	Length	Height NS 35/7,5	
10.2	53	47	
Width	Length	Height NS 32	
10.2	53	52	
I_{max} [A]	U_{max} [V]	max. Ø [mm²]	AWG (UL)
76 ¹⁾	800	0.5 - 16	24-6
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
800	300	600	-
57 / 10	65 / -	65 / -	-
10	-	-	-
20 - 6	24-6	24-6	-
Rigid	Flexible	Ferrule	
		without/with plastic sleeve	
0.5 - 16	0.5 - 10	0.5 - 10	0.5 - 6
0.5 - 4	0.5 - 4	0.5 - 2.5	-
-	-	-	0.5 - 4
-	-	-	-
Rigid	Flexible	Ferrule	
		without/with plastic sleeve	
0.2 - 6	0.2 - 4	0.25 - 4	0.25 - 4
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 1.5
11 / 7			
M4 / 1.5 - 1.8			
M3 / 0.6 - 0.8			
PA			
V0			

Ordering data			
Type	I_{max}	Order No.	Pcs./Pkt.
UK 5-TWIN		1923021	50
UK 5-TWIN BU		1923047	50

Ordering data			
Type	I_{max}	Order No.	Pcs./Pkt.
UK 10-TWIN		3005196	50
UK 10-TWIN BU		3005235	50

Ordering data			
Type	I_{max}	Order No.	Pcs./Pkt.
UK 10-PLUS		3001381	50
UK 10-PLUS BU		3001475	50

Accessories			
D-UK 5-TWIN		1923034	50
D-UK 5-TWIN BU		1923050	50
FBI 10- 6	32 A	0203250	10
EB 2- 6	32 A	0201155	100
EB 3- 6	32 A	0201142	100
EB 10- 6	32 A	0201139	10
TS-K		1302215	50
PSB 3/10/4		0601292	10
PSBJ 3/13/4		0201304	10
SF-SL 0,6X3,5-100 S-VDE		1212587	10
ZB 6 (see Catalog 3)			

Accessories			
FBI 10-10	76 A	0203276	10
TS-KK 3		2770215	50
PSB 4/7/6		0303299	10
PSBJ 4/15/6 RD		0303325	10
SZS 1,0X4,0 VDE		1205066	10
ZB 10 (see Catalog 3)			

Accessories			
FBI 10-10	76 A	0203276	10
TS-KK 3		2770215	50
PSB 4/7/6		0303299	10
PSBJ 4/15/6 RD		0303325	10
SZS 1,0X4,0 VDE		1205066	10
ZB 10 (see Catalog 3)			

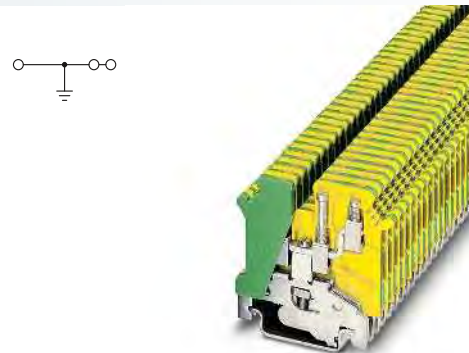
Terminal blocks – Classic

UK universal modular terminal blocks

Ground terminal blocks with three UK ...-TWIN-PE and UK 10-PLUS-PE connections



- Same shape and pitch as the feed-through terminal blocks
- Universal ground conductor foot for mounting on NS 35 ...- or NS 32 ... DIN rails (with the exception of NS 35/15-2,3)
- LB ... and ISSBI 10-6 bridges can be attached to the neighboring UK, UK-TWIN, and UK-PLUS versions with bridging facility thanks to the housing cutouts in the ground terminal blocks



2.5 (2.5) mm², ground terminal block, 3 connections



Dimensions	
	[mm]
Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]
Rated cross section	[mm²]
Cross section range	AWG
Connection capacity continuity	
1 conductor	[mm²]
2 conductors (of the same type)	[mm²]
2 flexible conductors with a TWIN ferrule	[mm²]
Connection capacity pick-off	
1 conductor	[mm²]
2 conductors (of the same type)	[mm²]
2 flexible conductors with a TWIN ferrule	[mm²]
General data	
Stripping length: Continuity / pick-off	[mm]
Continuity: Thread / torque	
Pick-off: Thread / torque	
Mounting: Thread / torque	- / [Nm]
Insulating material	
Flammability rating in accordance with UL 94	

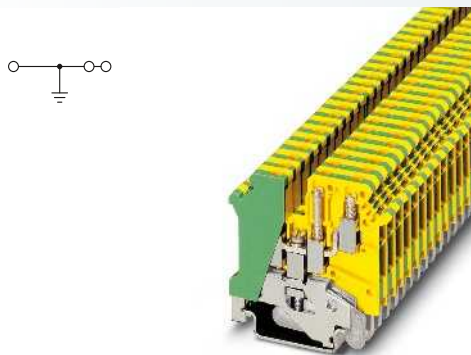
Description	Color
Ground terminal block, for mounting on NS 32... or NS 35...	green-yellow

Screwdriver
Lateral groove labeling

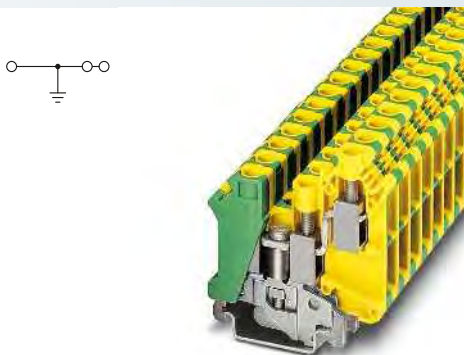
Technical data				
Width	Length	Height NS 35/7,5		
5.2	50.5	47		
Width	Length	Height NS 32		
5.2	50.5	52		
		max. Ø [mm²]	AWG (UL)	
		0.2 - 2.5	30-12	
IEC 60947-7-2	UL / CUL	CSA	IEC/ EN 60079-7	
IEC				
Rated voltage	-	-	-	
Nominal current / cross section	- / -	-	-	
Rated cross section	2.5	-	-	
Cross section range	24 - 14	30-12	-	
Connection capacity continuity	Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	0.2 - 2.5	0.2 - 2.5	0.25 - 1.5	0.25 - 1
2 conductors (of the same type)	-	-	-	-
2 flexible conductors with a TWIN ferrule	-	-	-	-
Connection capacity pick-off	Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	-	-	-	-
2 conductors (of the same type)	-	-	-	-
2 flexible conductors with a TWIN ferrule	-	-	-	-
Stripping length: Continuity / pick-off	8 / -			
Continuity: Thread / torque	M3 / 0.5 - 0.6			
Pick-off: Thread / torque	- / -			
Mounting: Thread / torque	- / [Nm]			
Insulating material	PA			
Flammability rating in accordance with UL 94	V0			

Ordering data		
Type	Order No.	Pcs./Pkt.
UK 3-TWIN-PE	1923128	50

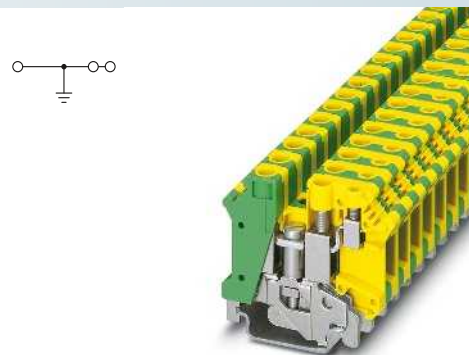
Accessories		
SF-SL 0,6X3,5-100 S-VDE	1212587	10
ZB 5 (see Catalog 3)		



4 (4) mm², ground terminal block,
3 connections



10 (16) mm², 76 A, ground terminal block,
3 connections



10 (16) mm², 76 A, ground terminal block,
with tap and PE foot

UL US ENEC KEMA ClassNK CB

UL US ENEC KEMA CB

UL US ENEC

Technical data			
Width	Length	Height NS 35/7,5	
6.2	50.5	47	
Width	Length	Height NS 32	
6.2	50.5	52	
		max. Ø [mm²]	AWG (UL)
		0.2 - 4	30-10
IEC 60947-7-2			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
- / -	-	-	-
4	-	-	-
24 - 12	30-10	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 4	0.25 - 4	0.25 - 2.5
-	-	-	-
-	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
-	-	-	-
-	-	-	-
-	-	-	-
8 / -			
M3 / 0.6 - 0.8			
- / -			
PE foot with mounting screw, M3 / 0.6 - 0.8			
PA			
V2			

Technical data			
Width	Length	Height NS 35/7,5	
10.2	56.5	59	
Width	Length	Height NS 32	
10.2	56.5	64	
		max. Ø [mm²]	AWG (UL)
		0.5 - 16	24-6
IEC 60947-7-2			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
- / 10	-	- / -	-
10	-	-	-
20 - 6	24-6	24-6	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.5 - 16	0.5 - 10	0.5 - 10	0.5 - 6
-	-	-	-
-	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
-	-	-	-
-	-	-	-
-	-	-	-
11 / -			
M4 / 1.5 - 1.8			
- / -			
PE foot with mounting screw, M4 / 1.5 - 1.8			
PA			
V0			

Technical data			
Width	Length	Height NS 35/7,5	
10.2	53	47	
Width	Length	Height NS 32	
10.2	53	52	
		max. Ø [mm²]	AWG (UL)
		0.5 - 16	24-6
IEC 60947-7-2			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
- / 10	-	- / -	-
10	-	-	-
20 - 6	24-6	24-6	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.5 - 16	0.5 - 10	0.5 - 10	0.5 - 6
-	-	-	-
-	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 6	0.2 - 4	0.25 - 4	0.25 - 4
-	-	-	-
-	-	-	-
11 / 7			
M4 / 1.5 - 1.8			
M3 / 0.6 - 0.8			
PE foot with mounting screw, M4 / 1.5 - 1.8			
PA			
V0			

Ordering data		
Type	Order No.	Pcs./Pkt.
UK 5-TWIN-PE	1923076	50
Accessories		
SF-SL 0,6X3,5-100 S-VDE	1212587	10
ZB 6 (see Catalog 3)		

Ordering data		
Type	Order No.	Pcs./Pkt.
UK 10-TWIN-PE	3001433	50
Accessories		
SZS 1,0X4,0 VDE	1205066	10
ZB 10 (see Catalog 3)		

Ordering data		
Type	Order No.	Pcs./Pkt.
UK 10-PLUS-PE	3001420	50
Accessories		
SZS 1,0X4,0 VDE	1205066	10
ZB 10 (see Catalog 3)		

Terminal blocks – Classic

UK universal modular terminal blocks

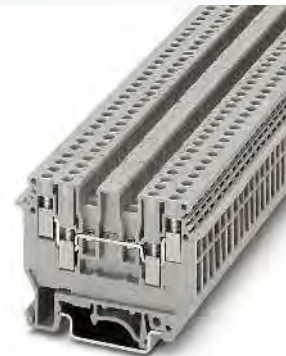
Feed-through and PE terminal blocks with four UDK ... connections

- Two connection points on each side to accommodate several conductors
- Double bridge shaft enables individual potential distribution and supply
- Design width 5.2 mm or 6.2 mm
- UDK 3 and UDK 4 are of the same shape

Ground terminal block UDK ...-PE

- Same shape and pitch as the feed-through terminal blocks
- The ISSBI 10-6 bridge can be attached to the neighboring UDK 4 versions with bridging facility thanks to the housing cutouts in the ground terminal blocks
- Universal ground conductor foot for mounting on NS 35 ...- or NS 32 ... DIN rails (with the exception of NS 35/15-2,3)

PROJECT complete planning enables the quick and convenient planning and configuration of error-free terminal strips.



2.5 (4) mm², 32 A, feed-through terminal block, 4 connections



Dimensions	
	[mm]
Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Rated cross section	[mm ²]
Cross section range	AWG
Connection capacity	
1 conductor	[mm ²]
2 conductors (of the same type)	[mm ²]
2 flexible conductors with a TWIN ferrule	[mm ²]
Max. cross section with insertion bridge	[mm ²]
General data	
Stripping length	[mm]
Terminal point: Thread / torque	- / [Nm]
Mounting: Thread / torque	- / [Nm]
Insulating material	
Flammability rating in accordance with UL 94	

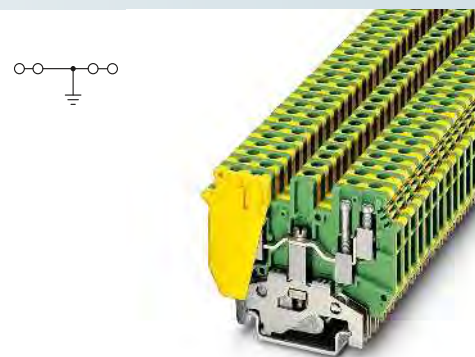
Technical data			
Width	Length	Height NS 35/7,5	
5.2	63.5	47	
Width	Length	Height NS 32	
5.2	63.5	52	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
32	500	0.2 - 4	30-12
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	300	300	-
24 / 2.5	20 / -	20 / -	-
2.5	-	-	-
24 - 12	30-12	28-12	-
Rigid	Flexible	Ferrule	
		without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 1.5
0.2 - 1	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 1
2.5	2.5	-	-
8			
M3 / 0.5 - 0.6			
- / -			
PA			
V2			

Description	No. of pos.	Color
Terminal block, for mounting on NS 32... or NS 35...		gray
		blue
Ground terminal block, for mounting on NS 32... or NS 35...		green-yellow

Cover, width: 1.5 mm		gray
		blue
Fixed bridge, for cross connections in the terminal center, screw heads with insulation collar		
	2	silver
	3	silver
	4	silver
	10	silver
Insertion bridge, insulated		
	2	gray
	3	gray
	10	gray
Switch bar for 2 terminal blocks, complete, to increase insulation an end cover must be interposed		
	2	silver
Isolator bridge bar, divisible, with 10 screws, for switchable branches with IS-K...		
	10	silver
Bridge bar isolator, as distance piece for isolator bridge bar		gray
Separating disk, for separation of neighboring bridges, can be fitted later, no loss of pitch		gray
Screwdriver		
Lateral groove labeling		

Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
UDK 3		2775375	50
UDK 3 BU		2718277	50

Accessories			
D-UDK 4		2775113	50
D-UDK 4 BU		2775197	50
FBRI 2-5 N	26 A	3000227	10
FBRI 3-5 N	26 A	3000201	10
FBRI 4-5 N	26 A	3000191	10
FBRI 10-5 N	26 A	2770642	10
EBL 2- 5	26 A	2303145	10
EBL 3- 5	26 A	2303158	10
EBL 10- 5	26 A	2303132	10
TS-KK 3		2770215	50
SF-SL 0,6X3,5-100 S-VDE		1212587	10
ZB 5 (see Catalog 3)			



**4 (6) mm², ground terminal block,
4 connections**



Technical data			
Width	Length	Height NS 35/7,5	
6.2	63.5	47	
Width	Length	Height NS 32	
6.2	63.5	52	
		max. Ø [mm ²]	AWG (UL)
		0.2 - 6	22-10
IEC 60947-7-2			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
- / -	-	- / -	-
4	-	-	-
24 - 10	22-10	22-10	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 6	0.2 - 4	0.25 - 4	0.25 - 1.5
-	-	-	-
-	-	-	-
-	-	-	-
8			
M3 / 0.5 - 0.6			
PE foot with mounting screw, M3 / 0.6 - 0.8			
PA			
V2			

Ordering data		
Type	Order No.	Pcs./Pkt.
UDK 4-PE	2775184	50

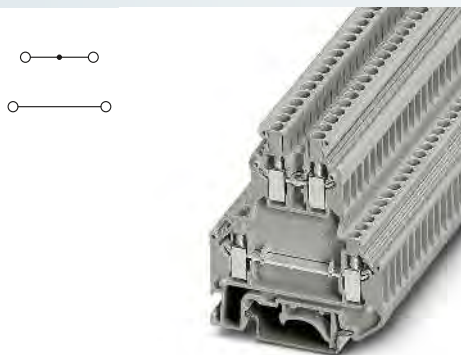
Accessories		
SF-SL 0,6X3,5-100 S-VDE	1212587	10
ZB 6 (see Catalog 3)		

Terminal blocks – Classic

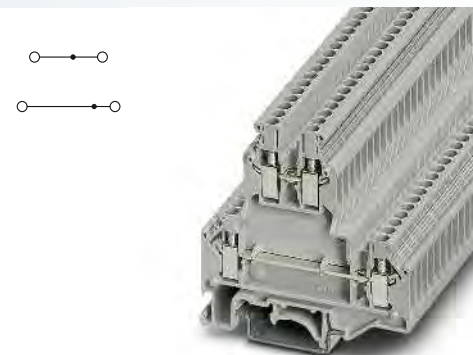
UK universal modular terminal blocks

Double-level terminal blocks UKK ...

- Compact double-level terminal blocks in nominal cross sections of 2.5 and 4 mm²
- One or two bridge shafts
- Large-surface marking options
- Even if fully wired, the level offset offers unobstructed access to the lower connection level



2.5 (4) mm², 32 A, double-level terminal block



2.5 (4) mm², 32 A, double-level terminal block, both levels can be bridged



Dimensions	
	[mm]
Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Rated cross section	[mm ²]
Cross section range	AWG
Connection capacity	
1 conductor	[mm ²]
2 conductors (of the same type)	[mm ²]
2 flexible conductors with a TWIN ferrule	[mm ²]
Max. cross section with insertion bridge	[mm ²]
General data	
Stripping length	[mm]
Screw thread	
Tightening torque	[Nm]
Insulating material	
Flammability rating in accordance with UL 94	

Technical data			
Width	Length	Height NS 35/7,5	
5.2	56	62	
Width	Length	Height NS 32	
5.2	56	67	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
32	500	0.2 - 4	28-12
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	600	300	-
24 / 2.5	20 / -	25 / -	-
2.5	-	-	-
24 - 12	28-12	28-12	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 1.5
0.2 - 1	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 1
2.5	2.5	-	-
8			
M3			
0.5 - 0.6			
PA			
V0			

Technical data			
Width	Length	Height NS 35/7,5	
5.2	67	62	
Width	Length	Height NS 32	
5.2	67	67	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
32	500	0.2 - 4	28-12
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	600	300	-
24 / 2.5	20 / -	25 / -	-
2.5	-	-	-
24 - 12	28-12	28-12	-
Rigid	Flexible	Ferrule	
		without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 1.5
0.2 - 1	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 1
2.5	2.5	-	-
8			
M3			
0.5 - 0.6			
PA			
V0			

Description	No. of pos.	Color
Double-level terminal block, for mounting on NS 35... and NS 32...		gray
		blue
Double-level terminal block, for mounting on NS 35... and NS 32..., with equipotential bonding between the levels		gray

Ordering data				
Type	I _{max}	Order No.	Pcs./Pkt.	
UKK 3		2770011	50	
UKK 3 BU		2770095	50	

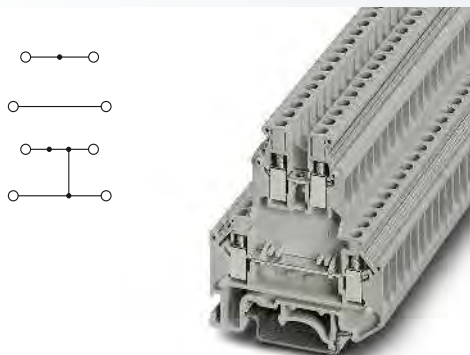
Ordering data				
Type	I _{max}	Order No.	Pcs./Pkt.	
UKKB 3		2771010	50	
UKKB 3 BU		2771094	50	

Accessories		
Cover, width: 2.5 mm	gray	
	blue	
Spacer plate, compensates for level offsets, width: 2.5 mm	gray	
Fixed bridge, isolated		
	2	silver
	3	silver
	4	silver
	10	silver
Insertion bridge, insulated		
	2	gray
	3	gray
	10	gray
Isolator bridge bar, divisible, with 10 screws, for switchable branches with IS-K...	10	silver
Bridge bar isolator, as distance piece for isolator bridge bar		gray
Separating disk, for separation of neighboring bridges, can be fitted later, no loss of pitch		gray
Partition plate, 2.5 mm wide		gray
Screwdriver		
Lateral groove labeling		

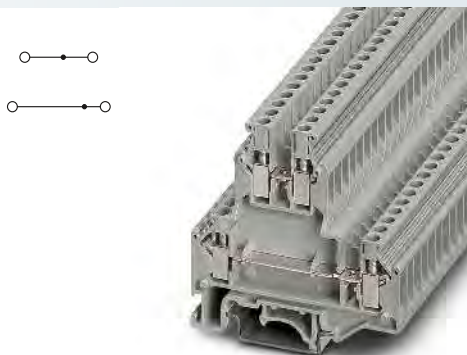
Accessories				
D-UKK 3/5		2770024	50	
D-UKK 3/5 BU		2770105	50	
DP-UKK 3/5		2770794	50	
FBRNI 2-5 N	28 A	3000175	10	
FBRNI 3-5 N	28 A	3000162	10	
FBRNI 4-5 N	28 A	3000159	10	
FBRNI 10-5 N	28 A	2770639	10	
EBL 10- 5	22 A	2303132	10	
TS-KK 3		2770215	50	
ATP-UKK 3/5		2778521	50	
SF-SL 0,6X3,5-100 S-VDE		1212587	10	
ZB 5 (see Catalog 3)				

Accessories				
D-UKKB 3/5		2771023	50	
D-UKKB 3/5 BU		2771104	50	
DP-UKKB 3/ 5		2770804	50	
FBRNI 2-5 N	28 A	3000175	10	
FBRNI 3-5 N	28 A	3000162	10	
FBRNI 4-5 N	28 A	3000159	10	
FBRNI 10-5 N	28 A	2770639	10	
EBL 10- 5	22 A	2303132	10	
TS-KK 3		2770215	50	
ATP-UKKB 3		2771065	50	
SF-SL 0,6X3,5-100 S-VDE		1212587	10	
ZB 5 (see Catalog 3)				

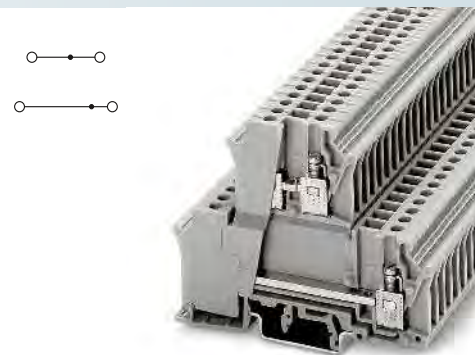
UK universal modular terminal blocks



4 (4) mm², 32 A, double-level terminal block



4 (4) mm², 32 A, double-level terminal block, both levels can be bridged



4 (4) mm², 32 A, 800 V, double-level terminal block, both levels can be bridged



Technical data			
Width	Length	Height NS 35/7,5	
6.2	56	62	
Width	Length	Height NS 32	
6.2	56	67	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
32	500	0.2 - 4	26-10
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	600	300	-
32 / 4	30 / -	30 / -	-
4	-	-	-
24 - 12	26-10	28-10	-
Rigid	Flexible	Ferrule	
		without/with plastic sleeve	
0.2 - 4	0.2 - 4	0.25 - 4	0.25 - 2.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 1.5
4	2.5	-	-
8			
M3			
0.6 - 0.8			
PA			
V0			

Technical data			
Width	Length	Height NS 35/7,5	
6.2	67	62	
Width	Length	Height NS 32	
6.2	67	67	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
32	500	0.2 - 4	26-10
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	600	300	-
32 / 4	30 / -	25 / -	-
4	-	-	-
24 - 12	26-10	28-10	-
Rigid	Flexible	Ferrule	
		without/with plastic sleeve	
0.2 - 4	0.2 - 4	0.25 - 4	0.25 - 2.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 1.5
4	2.5	-	-
8			
M3			
0.6 - 0.8			
PA			
V0			

Technical data			
Width	Length	Height NS 35/7,5	
6.2	84.5	64	
Width	Length	Height NS 32	
6.2	84.5	69	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
32	800	0.2 - 4	28-12
IEC 60947-7-1			Ⓢ
IEC	UL / CUL	CSA	IEC/ EN 60079-7
800	600	-	750
32 / 4	20 / -	-	27
4	-	-	-
24 - 12	28-12	-	0.2-4
Rigid	Flexible	Ferrule	
		without/with plastic sleeve	
0.2 - 4	0.2 - 4	0.25 - 4	0.25 - 2.5
0.2 - 2.5	0.2 - 2.5	0.25 - 2.5	-
-	-	-	0.5 - 1.5
4	2.5	-	-
8			
M3			
0.6 - 0.8			
PA			
V2			

Ordering data			
Type	I_{max}	Order No.	Pcs./Pkt.
UKK 5		2774017	50
UKK 5 BU		2774091	50
UKK 5-PV		2791388	50

Ordering data			
Type	I_{max}	Order No.	Pcs./Pkt.
UKKB 5		2771146	50
UKKB 5 BU		3216053	50

Ordering data			
Type	I_{max}	Order No.	Pcs./Pkt.
UXKK 4		2780014	50

Accessories			
D-UKK 3/5		2770024	50
D-UKK 3/5 BU		2770105	50
DP-UKK 3/5		2770794	50
FBI 10- 6	32 A	0203250	10
EB 2- 6	28 A	0201155	100
EB 3- 6	28 A	0201142	100
EB 10- 6	28 A	0201139	10
ISSBI 10- 6	24 A	0301505	10
IS-K 4		1302338	100
TS-KK 3		2770215	50
ATP-UKK 3/5		2778521	50
SF-SL 0,6X3,5-100 S-VDE		1212587	10
ZB 6 (see Catalog 3)			

Accessories			
D-UKKB 3/5		2771023	50
D-UKKB 3/5 BU		2771104	50
DP-UKKB 3/ 5		2770804	50
FBI 10- 6	32 A	0203250	10
EB 2- 6	28 A	0201155	100
EB 3- 6	28 A	0201142	100
EB 10- 6	28 A	0201139	10
ISSBI 10- 6	24 A	0301505	10
IS-K 4		1302338	100
TS-KK 3		2770215	50
ATP-UKKB 3		2771065	50
SF-SL 0,6X3,5-100 S-VDE		1212587	10
ZB 6 (see Catalog 3)			

Accessories			
FBI 10- 6	24 A	0203250	10

Terminal blocks – Classic

UK universal modular terminal blocks

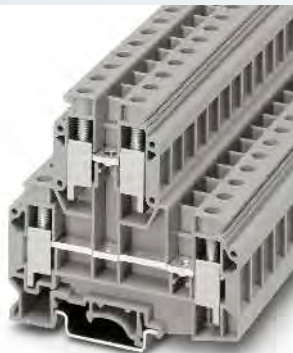
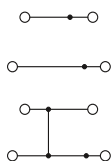
Double-level terminal blocks

UKKB 10 ...

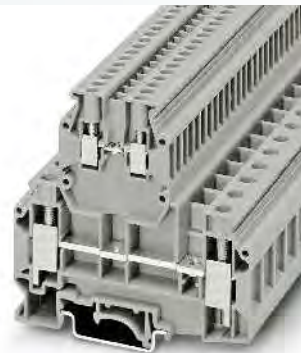
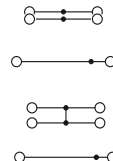
- Can be bridged on both levels for all potential distribution tasks
- Design width of just 10.2 mm
- One of the special features of the UKKB 10/2,5 is that it allows two 2.5 mm² conductors to be connected in the upper level

Notes:

UKKB 10-PV: 70 A / 500 V



10 (16) mm², 76 A, double-level terminal block



10 (16) mm², 76 A, double-level terminal block, upper level with 2 x 2.5 mm² feed-through terminal blocks



Technical data

Dimensions		
		[mm]
Dimensions		
		[mm]
Maximum electrical data		
Rated data lower level		
Rated voltage	[V]	500
Nominal current / cross section	[A] / [mm ²]	57 / 10
Rated cross section	[mm ²]	10
Cross section range	AWG	20 - 6
Connection capacity, lower level		
1 conductor	[mm ²]	0.5 - 16
2 conductors (of the same type)	[mm ²]	0.5 - 6
2 flexible conductors with a TWIN ferrule	[mm ²]	0.5 - 4
Rated data, upper level		
Rated voltage	[V]	500
Nominal current / cross section	[A] / [mm ²]	57 / 10
Rated cross section	[mm ²]	10
Cross section range	AWG	20 - 6
Connection capacity, upper level		
1 conductor	[mm ²]	0.5 - 16
2 conductors (of the same type)	[mm ²]	0.5 - 6
Two conductors with a TWIN ferrule	[mm ²]	0.5 - 4
General data		
Stripping length, lower / upper level	[mm]	11 / 11
Thread, lower / upper level		M4 / M4
Tightening torque, lower / upper level	[Nm]	1.5 - 1.8 / 1.5 - 1.8
Insulating material		PA
Flammability rating in accordance with UL 94		V0

Ordering data

Description	No. of pos.	Color
Terminal block, for mounting on NS 32... or NS 35...		gray
Terminal block, with equipotential bond, for mounting on NS 32 ... or NS 35...		gray

Accessories

Cover, width: 1.5 mm		gray
Fixed bridge, isolated	10	silver
Fixed bridge, for cross connections in the terminal center, screw heads with insulating collar, divisible, with 10 screws	10	silver
Chain bridge, with screw	1	silver
Isolator bridge bar, divisible, with 10 screws, for switchable branches with IS-K...	10	silver
Bridge bar isolator, as distance piece for isolator bridge bar		gray
Screwdriver		
Labeling for upper level		
Labeling for lower level		

Accessories

Type	I _{max}	Order No.	Pcs./Pkt.
UKKB 10		2772077	50
UKKB 10-PV		3003567	50
D-UKKB 10		3001394	50
FBI 10-10	70 A	0203276	10
KB- 10	70 A	0203205	100
ISSBI 10-10	38 A	0301521	10
IS-K 10		1303337	100
SZS 1,0X4,0 VDE		1205066	10
ZB 10 (see Catalog 3)			
ZB 10 (see Catalog 3)			

Technical data

Dimensions		
		[mm]
Dimensions		
		[mm]
Maximum electrical data		
Rated data lower level		
Rated voltage	[V]	500
Nominal current / cross section	[A] / [mm ²]	57 / 10
Rated cross section	[mm ²]	10
Cross section range	AWG	20 - 6
Connection capacity, lower level		
1 conductor	[mm ²]	0.5 - 16
2 conductors (of the same type)	[mm ²]	0.5 - 6
2 flexible conductors with a TWIN ferrule	[mm ²]	0.5 - 4
Rated data, upper level		
Rated voltage	[V]	500
Nominal current / cross section	[A] / [mm ²]	57 / 10
Rated cross section	[mm ²]	10
Cross section range	AWG	20 - 6
Connection capacity, upper level		
1 conductor	[mm ²]	0.5 - 16
2 conductors (of the same type)	[mm ²]	0.5 - 6
Two conductors with a TWIN ferrule	[mm ²]	0.5 - 4
General data		
Stripping length, lower / upper level	[mm]	11 / 11
Thread, lower / upper level		M4 / M4
Tightening torque, lower / upper level	[Nm]	1.5 - 1.8 / 1.5 - 1.8
Insulating material		PA
Flammability rating in accordance with UL 94		V0

Ordering data

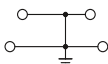
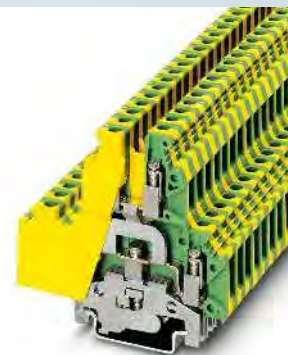
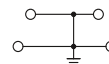
Type	I _{max}	Order No.	Pcs./Pkt.
UKKB 10/2,5		2771007	50
UKKB 10/2,5-PV		2775485	50

Accessories

D-UKKB 10		3001394	50
FBRI 10-5 N	26 A	2770642	10
FBI 10-10	70 A	0203276	10
KB- 10	70 A	0203205	100
ISSBI 10-10	38 A	0301521	10
IS-K 10		1303337	100
SZS 1,0X4,0 VDE		1205066	10
ZB 5 (see Catalog 3)			
ZB 10 (see Catalog 3)			

Double-level ground terminal blocks UKK 5-PE and UKKB 5-PE

- Same shape and pitch as the feed-through terminal blocks
- Even if fully wired, the level offset offers unobstructed access to the lower connection level
- Universal ground conductor foot for mounting on NS 35 ...- or NS 32 ... DIN rails (with the exception of NS 35/15-2,3)

4 (4) mm², double-level ground terminal block4 (4) mm², double-level ground terminal block

Technical data				
Dimensions	Width	Length	Height NS 35/7,5	
	6.2	56	62	
Dimensions	Width	Length	Height NS 32	
	6.2	56	67	
Maximum electrical data			max. Ø [mm ²]	AWG (UL)
			0.2 - 4	24-10
Rated data	IEC 60947-7-2	UL / CUL	CSA	IEC / EN 60079-7
Rated voltage	-	-	-	-
Nominal current / cross section	- / -	-	- / -	-
Rated cross section	4	-	-	-
Cross section range	24 - 12	24-10	28-10	-
Connection capacity	Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	0.2 - 4	0.2 - 4	0.25 - 4	0.25 - 2.5
2 conductors (of the same type)	-	-	-	-
2 flexible conductors with a TWIN ferrule	-	-	-	-
General data				
Stripping length	8			
Terminal point: Thread / torque	M3 / 0.6 - 0.8			
Mounting: Thread / torque	PE foot with mounting screw, M3 / 0.6 - 0.8			
Insulating material	PA			
Flammability rating in accordance with UL 94	V2			

Ordering data		
Type	Order No.	Pcs./Pkt.
UKK 5-PE	2774211	50

Accessories		
SF-SL 0,6X3,5-100 S-VDE	1212587	10
ZB 6 (see Catalog 3)		



Technical data				
Dimensions	Width	Length	Height NS 35/7,5	
	6.2	67	62	
Dimensions	Width	Length	Height NS 32	
	6.2	67	67	
Maximum electrical data			max. Ø [mm ²]	AWG (UL)
			0.2 - 4	24-10
Rated data	IEC 60947-7-2	UL / CUL	CSA	IEC / EN 60079-7
Rated voltage	-	-	-	-
Nominal current / cross section	- / -	-	- / -	-
Rated cross section	4	-	-	-
Cross section range	24 - 12	24-10	28-10	-
Connection capacity	Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 4	0.25 - 4	0.25 - 2.5	
2 conductors (of the same type)	-	-	-	-
2 flexible conductors with a TWIN ferrule	-	-	-	-
General data				
Stripping length	8			
Terminal point: Thread / torque	M3 / 0.6 - 0.8			
Mounting: Thread / torque	PE foot with mounting screw, M3 / 0.6 - 0.8			
Insulating material	PA			
Flammability rating in accordance with UL 94	V2			

Ordering data		
Type	Order No.	Pcs./Pkt.
UKKB 5-PE	3007123	50

Accessories		
SF-SL 0,6X3,5-100 S-VDE	1212587	10
ZB 6 (see Catalog 3)		

Description	Color
Ground terminal block, for mounting on NS 32... or NS 35...	green-yellow

Screwdriver	
Lateral groove labeling	

Terminal blocks – Classic

UK universal modular terminal blocks

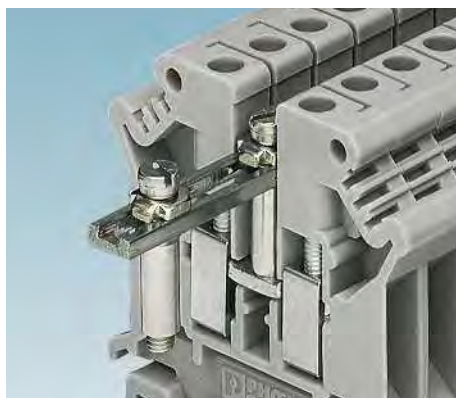
Cross-reference list – Bridges

Type	Order No.	UK 2,5 N Page 459	UK 3 N Page 459	UK 5 N Page 459	UK 6 N Page 460	UK 10 N Page 461	UK 16 N Page 461	UK 35 N Page 461
Isolator bridge bar, in conjunction with isolator bridge								
ISSBI 10-5	3026256							
ISSBI 10-6	0301505							
ISSBI 10-8	0301534							
ISSBI 10-10	0301521							
Isolator bridge, in conjunction with isolator bridge bar								
IS-K 2,5	3026243							
IS-K 4	1302338							
IS-K 10	1303337							
Cross connection bar, in conjunction with distance piece								
FB 150	0201595							
Distance piece, in connection with cross connection bar								
ZS-6	0201605							
ZSR	2303608							
L-bridge, 10-pos.								
LB 10-6 GY	0202358							
LB 10-6 BU	0202280							
L-bridge, 100-pos.								
LB 100-6 GY	0202345							
LB 100-6 BU	0202303							
Chain bridge								
KB 6	0201472							
KB 8	0202206							
KB 10	0203205							
KB 15	0204259							

Isolator bridge bar ISSBI ...



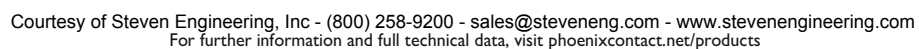
Cross connection bar FB ...



L-bridge LB ...



Chain bridge KB ...



Terminal blocks – Classic

UK universal modular terminal blocks

Cross-reference list – Bridges

Type	Order No.	UK 2,5 N Page 459	UK 3 N Page 459	UK 5 N Page 459	UK 6 N Page 460	UK 10 N Page 461	UK 16 N Page 461	UK 35 N Page 461
Bridge bar across two terminal blocks								
USBR 2-7	2303239							
SB 2-8/13	0202235							
SB 2-10/15	0203234							
Bridge bar for bridged terminal block groups								
USBRJ 2-7	2305538							
SBJ 2-8/13	0303286							
SBJ 2-10/15	0302287							
Star-delta bridge								
EB 3-6/ST	5020807							
EB 6-6/DR	5020255							
EB 3-8/ST	5020810							
EB 3-8/DR	5020768							
EB 3-10/ST	5020823							
EB 6-10/DR	5020771							
Step bracket								
STL 10N/5N	0204110							
Short-circuit plug								
KSS 5	2303543							
KSS 6	0301547							
KSS 3-6	0309523							
KSS 8	0311540							
KSS 10	0310541							

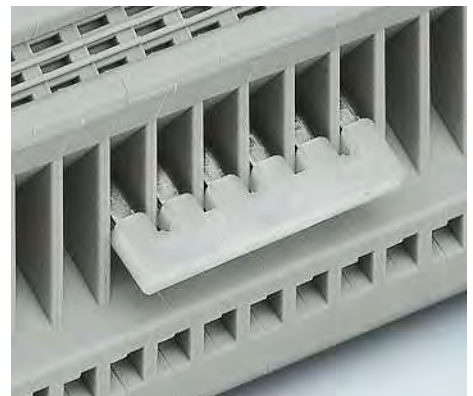
Bridge bar USBR ..., SB ...



Star bridge EB .../ST



Delta bridge EB .../DR



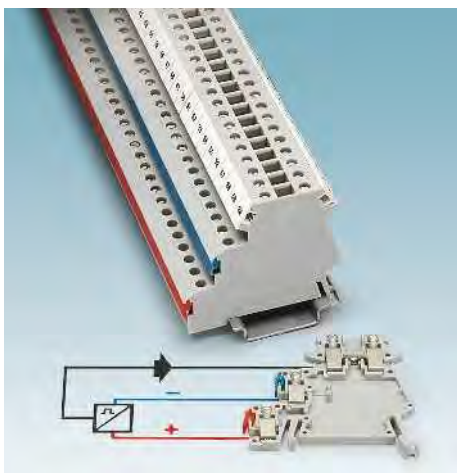
Step bracket STL ...



Terminal blocks – Classic

UK universal modular terminal blocks

Three-level and three-conductor initiator terminal blocks DIK 1,5 ... and DIKD 1,5 ...



In order to reduce wiring effort, conductors of initiators and actuators are wired in junction boxes. The positive and negative connections are combined so that all that remains is to install the signal lines and a conductor pair for the power supply between the junction box and controller.

DIK 1,5

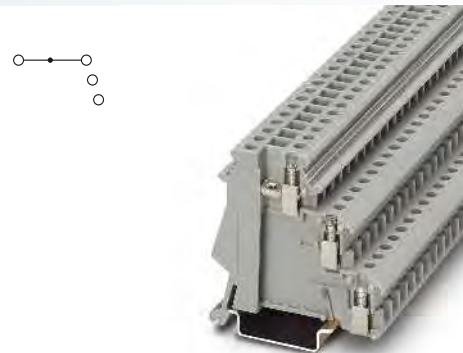
- The feed-through connections for the signal line, which can be marked, are in the top level
- The two bottom terminal points supply the initiator with potential
- The lower terminal points can be bridged using a divisible insertion bridge

DIKD 1,5

- The positive and negative potential can be fed into the insertion bridges via this power terminal block
- The first initiator can also be connected to this three-conductor feed-through terminal block

DIKD 1,5-PV

- Space-saving potential distributor terminal block
- Bridgeable upper level makes potential distribution over more than 6 terminal points possible
- The potential distributor terminal block is available with a gray, blue or black insulating housing for clear potential demarcation



2.5 (4) mm², 26 A, three-conductor initiator terminal block



Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Rated cross section	[mm ²]
Cross section range	AWG
Connection capacity	
1 conductor	[mm ²]
2 conductors (of the same type)	[mm ²]
2 flexible conductors with a TWIN ferrule	[mm ²]
Max. cross section with insertion bridge	[mm ²]
General data	
Stripping length	[mm]
Screw thread	
Tightening torque	[Nm]
Insulating material	
Flammability rating in accordance with UL 94	

Technical data			
Width	Length	Height NS 35/7,5	
6.2	55	54.5	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
26	250	0.2 - 4	30-14
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
250	300	300	-
24 / 2.5	15 / -	15 / -	-
2.5	-	-	-
24 - 12	30-14	28-14	-
Rigid	Flexible	Ferrule	
		without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 2.5
0.2 - 1	0.2 - 1	0.25 - 1	-
-	-	-	0.5 - 1
4	2.5	-	-
8			
M3			
0.5 - 0.6			
PA			
V2			

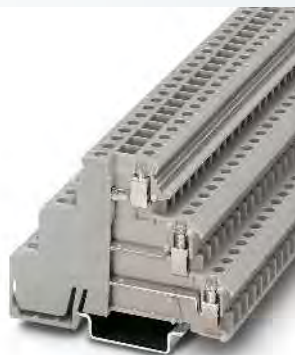
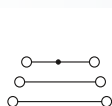
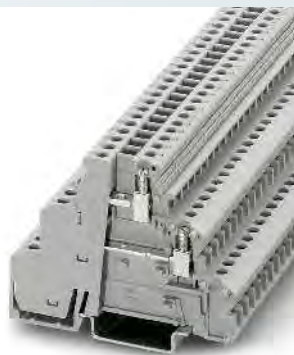
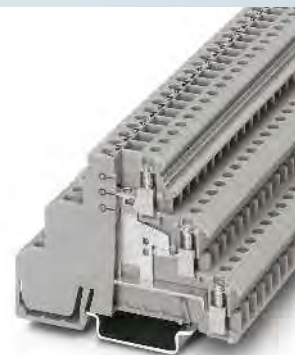
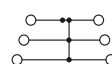
Description	No. of pos.	Color
Terminal block, for mounting on NS 35...		gray blue
Terminal block, with three through contacts, for mounting on NS 35...		gray blue
Terminal block, with through contacts in the upper and middle levels, for mounting on NS 35...		gray
Terminal block, with equipotential bonder, for mounting on NS 35...		gray blue black

Fixed bridge, isolated	10	silver
Insertion bridge, for middle and lower levels	10	blue
	10	red
	10	gray
	80	blue
	80	red
	80	white
Partition plate, 2 mm width		gray
Screwdriver		
Marker strips, for middle and lower level		
Labeling for upper level		

Type	I _{max}	Order No.	Pcs./Pkt.
DIK 1,5		2715966	50
DIK 1,5 BU		2716059	50

Accessories			
FBI 10- 6	24 A	0203250	10
EB 10- DIK BU	24 A	2716680	10
EB 10- DIK RD	24 A	2716774	10
EB 10- DIK GY	24 A	2715937	10
EB 80- DIK BU	24 A	2715940	1
EB 80- DIK RD	24 A	2715953	1
EB 80- DIK WH	24 A	2715788	1
ATP-DIK 1,5		1413272	50
SF-SL 0,6X3,5-100 S-VDE		1212587	10
SK 6,2/3,8 (see Catalog 3)			
ZB 6 (see Catalog 3)			

UK universal modular terminal blocks

2.5 (4) mm², 30 A, three-level terminal block2.5 (4) mm², 30 A, three-level terminal block with two feed-through levels2.5 (4) mm², 32 A, three-level terminal block, internally connected levels

Technical data			
Width	Length	Height NS 35/7,5	
6.2	72.5	54.5	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
30	250	0.2 - 4	30-14
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
250	300	300	-
24 / 2.5	15 / -	15 / -	-
2.5	-	-	-
24 - 12	30-14	28-14	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 2.5
0.2 - 1	0.2 - 1	0.25 - 1	-
-	-	-	0.5 - 1
4	2.5	-	-
8			
M3			
0.5 - 0.6			
PA			
V2			

Technical data			
Width	Length	Height NS 35/7,5	
6.2	72.5	54.5	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
30	250	0.2 - 4	30-14
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
250	300	-	-
24 / 2.5	15 / -	-	-
2.5	-	-	-
24 - 12	30-14	-	-
Rigid	Flexible	Ferrule	
		without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 2.5
0.2 - 1	0.2 - 1	0.25 - 1	-
-	-	-	0.5 - 1
4	2.5	-	-
8			
M3			
0.5 - 0.6			
PA			
V2			

Technical data			
Width	Length	Height NS 35/7,5	
6.2	72.5	54.5	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
32	250	0.2 - 4	30-14
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
250	300	300	-
24 / 2.5	15 / -	15 / -	-
2.5	-	-	-
24 - 12	30-14	28-14	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 2.5
0.2 - 1	0.2 - 1	0.25 - 1	-
-	-	-	0.5 - 1
4	2.5	-	-
8			
M3			
0.5 - 0.6			
PA			
V2			

Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
DIKD 1,5		2715979	50
DIKD 1,5 BU		2716101	50

Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
DIKD 1,5-2D		2716512	50

Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
DIKD 1,5-PV		2715092	50
DIKD 1,5-PV BU		2715584	50
DIKD 1,5-PV BK		2715571	50

Accessories			
FBI 10- 6	24 A	0203250	10
EB 10- DIK BU	24 A	2716680	10
EB 10- DIK RD	24 A	2716774	10
EB 10- DIK GY	24 A	2715937	10
EB 80- DIK BU	24 A	2715940	1
EB 80- DIK RD	24 A	2715953	1
EB 80- DIK WH	24 A	2715788	1
ATP-DIKD 1,5		1413285	50
SF-SL 0,6X3,5-100 S-VDE		1212587	10
SK 6,2/3,8 (see Catalog 3)			
ZB 6 (see Catalog 3)			

Accessories			
FBI 10- 6	24 A	0203250	10
EB 10- DIK BU	24 A	2716680	10
EB 10- DIK RD	24 A	2716774	10
EB 10- DIK GY	24 A	2715937	10
EB 80- DIK BU	24 A	2715940	1
EB 80- DIK RD	24 A	2715953	1
EB 80- DIK WH	24 A	2715788	1
ATP-DIKD 1,5		1413285	50
SF-SL 0,6X3,5-100 S-VDE		1212587	10
SK 6,2/3,8 (see Catalog 3)			
ZB 6 (see Catalog 3)			

Accessories			
FBI 10- 6	24 A	0203250	10
EB 10- DIK BU	24 A	2716680	10
EB 10- DIK RD	24 A	2716774	10
EB 10- DIK GY	24 A	2715937	10
EB 80- DIK BU	24 A	2715940	1
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EB 80- DIK WH	24 A	2715788	1
ATP-DIKD 1,5		1413285	50
SF-SL 0,6X3,5-100 S-VDE		1212587	10
SK 6,2/3,8 (see Catalog 3)			
ZB 6 (see Catalog 3)			

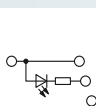
Terminal blocks – Classic

UK universal modular terminal blocks

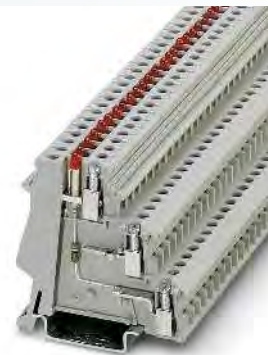
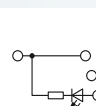
Three-level and three-conductor initiator terminal blocks with LED display DIK 1,5 ...

- Terminal blocks with LED displays in red and green are available for optical identification of the initiator and actuator wiring

Notes:
1) Current and voltage are determined by the plug used.
2) Light indicator: Voltage 15 - 30 V DC, current 1 - 2.5 mA.
3) The corresponding accessory is documented, see page 508.



2.5 (4) mm², 26 A, three-conductor terminal block with LED display



2.5 (4) mm², 26 A, three-conductor terminal block with LED display



Technical data			
Width	Length	Height NS 35/7,5	
6.2	55	54.5	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
26	24	0.2 - 4	30-14
IEC	UL / CUL	CSA	IEC/ EN 60079-7
24	300	300	-
24 / 2.5	15 / -	15 / -	-
2.5	-	-	-
24 - 12	30-14	28-14	-
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 2.5
0.2 - 1	0.2 - 1	0.25 - 1	-
-	-	-	0.5 - 1
4	2.5	-	-
8			
M3			
0.5 - 0.6			
PA			
V2			



Technical data			
Width	Length	Height NS 35/7,5	
6.2	55	54.5	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
26	24	0.2 - 4	30-14
IEC	UL / CUL	CSA	IEC/ EN 60079-7
24	300	300	-
24 / 2.5	15 / -	15 / -	-
2.5	-	-	-
24 - 12	30-14	28-14	-
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 2.5
0.2 - 1	0.2 - 1	0.25 - 1	-
-	-	-	0.5 - 1
4	2.5	-	-
8			
M3			
0.5 - 0.6			
PA			
V2			

Description	No. of pos.	Color
Terminal block , with a red LED between the upper and middle level, for mounting on NS 35... ²⁾		gray
Green LED		gray
Terminal block , with a red LED between the upper and lower level, for mounting on NS 35... ²⁾		gray
Green LED		gray
Terminal block , with three through contacts and a red LED between the upper and middle level, for mounting on NS 35... ²⁾		gray
Green LED		gray
Terminal block , with three through contacts and a red LED between the upper and lower level, for mounting on NS 35... ²⁾		gray
Green LED		gray
Basic terminal block , for mounting on NS 35... ³⁾		gray

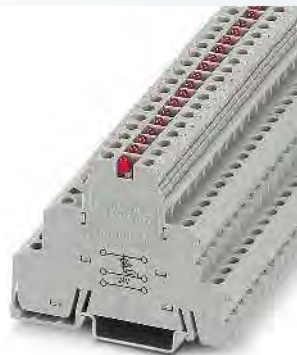
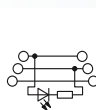
Ordering data				
Type	I _{max}	Order No.	Pcs./Pkt.	
DIK 1,5-LA 24RD/O-M		2715856	50	
DIK 1,5-LA 24GN/O-M		2715762	50	

Ordering data				
Type	I _{max}	Order No.	Pcs./Pkt.	
DIK 1,5-LA 24RD/U-O		2715995	50	
DIK 1,5-LA 24GN/U-O		2715733	50	

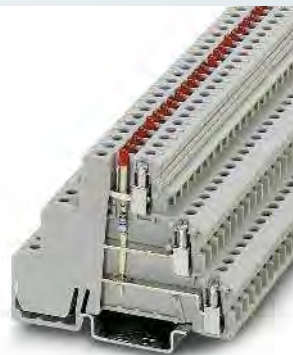
Accessories		
Insertion bridge, for middle and lower levels		
80	blue	
80	red	
80	white	
Partition plate, 2 mm width		gray
Screwdriver		
Marker strips, for middle and lower level		
Labeling for upper level		

Accessories				
EB 80- DIK BU	24 A	2715940	1	
EB 80- DIK RD	24 A	2715953	1	
EB 80- DIK WH	24 A	2715788	1	
ATP-DIK 1,5		1413272	50	
SF-SL 0,6X3,5-100 S-VDE		1212587	10	
SK 6,2/3,8 (see Catalog 3)				
ZB 6 (see Catalog 3)				

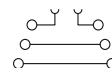
Accessories				
EB 80- DIK BU	24 A	2715940	1	
EB 80- DIK RD	24 A	2715953	1	
EB 80- DIK WH	24 A	2715788	1	
ATP-DIK 1,5		1413272	50	
SF-SL 0,6X3,5-100 S-VDE		1212587	10	
SK 6,2/3,8 (see Catalog 3)				
ZB 6 (see Catalog 3)				



2.5 (4) mm², 30 A, three-level terminal block with LED



2.5 (4) mm², 30 A, three-level terminal block with LED



2.5 (4) mm², 15 A, three-level terminal block with disconnect zone



Technical data			
Width	Length	Height NS 35/7,5	
6.2	72.5	54.5	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
30	250	0.2 - 4	30-14
IEC	UL / CUL	CSA	IEC/ EN 60079-7
250	300	300	-
24 / 2.5	15 / -	15 / -	-
2.5	-	-	-
24 - 12	30-14	28-14	-
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 2.5
0.2 - 1	0.2 - 1	0.25 - 1	-
-	-	-	0.5 - 1
4	2.5	-	-
8			
M3			
0.5 - 0.6			
PA			
V2			

Technical data			
Width	Length	Height NS 35/7,5	
6.2	72.5	54.5	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
30	250	0.2 - 4	30-14
IEC	UL / CUL	CSA	IEC/ EN 60079-7
250	300	300	-
24 / 2.5	15 / -	15 / -	-
2.5	-	-	-
24 - 12	30-14	28-14	-
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 2.5
0.2 - 1	0.2 - 1	0.25 - 1	-
-	-	-	0.5 - 1
4	2.5	-	-
8			
M3			
0.5 - 0.6			
PA			
V2			

Technical data			
Width	Length	Height NS 35/7,5	
6.2	72.5	54.5	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
15 ¹⁾	250 ¹⁾	0.2 - 4	30-14
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
250 ¹⁾	300	300	-
15 ¹⁾ / 2.5	15 / -	15 / -	-
2.5	-	-	-
24 - 12	30-14	28-14	-
IEC	UL / CUL	CSA	IEC/ EN 60079-7
15 ¹⁾ / 2.5	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 2.5
0.2 - 1	0.2 - 1	0.25 - 1	-
-	-	-	0.5 - 1
4	2.5	-	-
8			
M3			
0.5 - 0.6			
PA			
V2			

Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
DIKD 1,5-LA 24RD/O-M		2715814	50
DIKD 1,5-LA 24GN/O-M		2716376	50

Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
DIKD 1,5-LA 24RD/U-O		2716279	50
DIKD 1,5-LA 24GN/U-O		2716402	50

Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
DIKD 1,5-TG		2774237	50

Accessories			
EB 80- DIK BU	24 A	2715940	1
EB 80- DIK RD	24 A	2715953	1
EB 80- DIK WH	24 A	2715788	1
ATP-DIKD 1,5		1413285	50
SF-SL 0,6X3,5-100 S-VDE		1212587	10
SK 6,2/3,8 (see Catalog 3)			
ZB 6 (see Catalog 3)			

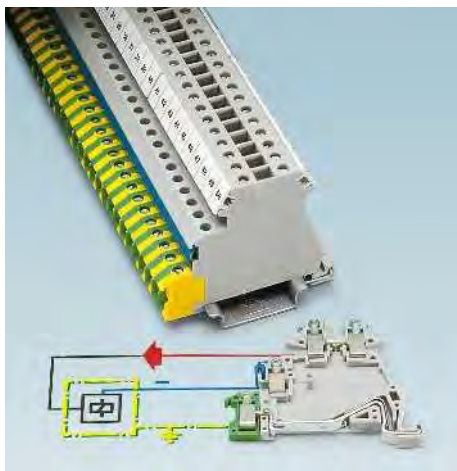
Accessories			
EB 80- DIK BU	24 A	2715940	1
EB 80- DIK RD	24 A	2715953	1
EB 80- DIK WH	24 A	2715788	1
ATP-DIKD 1,5		1413285	50
SF-SL 0,6X3,5-100 S-VDE		1212587	10
SK 6,2/3,8 (see Catalog 3)			
ZB 6 (see Catalog 3)			

Accessories			
EB 80- DIK BU	24 A	2715940	1
EB 80- DIK RD	24 A	2715953	1
EB 80- DIK WH	24 A	2715788	1
ATP-DIKD 1,5		1413285	50
SF-SL 0,6X3,5-100 S-VDE		1212587	10
SK 6,2/3,8 (see Catalog 3)			
ZB 6 (see Catalog 3)			

Terminal blocks – Classic

UK universal modular terminal blocks

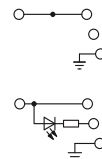
Three-level and three-conductor actuator terminal blocks with PE foot DOK 1,5 ...



- Same shape as the three-level initiator terminal blocks DIK ...
- The feed-through connections for the signal line, which can be marked, are in the top level
- The middle level supplies the connected actuators with voltage
- Unlike the DIK terminal blocks, the lower level of these output terminal blocks makes direct contact with the DIN rail and as a PE connection they are marked green-yellow
- Convenient bridging of up to 80 terminal blocks with divisible insertion bridges
- The forks of the insertion bridge can be easily loosened for jumping bridging
- Alternate wiring of an actuator followed by an initiator is easy
- Because the spine of the insertion bridge can be snapped into place with the terminal block housing, all the terminal points can be wired freely and the bridge can be securely positioned
- Terminal blocks with LED displays in red and green are available for optical identification of the initiator and actuator wiring
- The component terminal block DOKD 1,5-TG can accommodate the fuse connector or the isolating connector

Notes:

- 1) Current and voltage are determined by the plug used.
- 2) Light indicator: Voltage 15 - 30 V DC, current 1 - 2.5 mA.
- 3) The corresponding accessory is documented, see page 508.



2.5 (4) mm², 26 A, three-conductor actuator terminal block with PE foot



Technical data

Dimensions		Width		Length		Height NS 35/7,5	
		6.2	61.5			54.5	
Maximum electrical data		I _{max} [A]	U _{max} [V]	max. Ø [mm ²]		AWG (UL)	
		26	250	0.2 - 4		30-14	
Rated data		IEC 60947-7-1/IEC 60947-7-2		CSA		IEC/EN 60079-7	
Rated voltage [V]		250		300		-	
Nominal current / cross section [A] / [mm ²]		24 / 2.5		15 / -		-	
Rated cross section [mm ²]		2.5		-		-	
Cross section range AWG		24 - 12		30-14		28-14	
Disconnect level rated data		IEC		UL / CUL		CSA	
Nominal current / cross section [A] / [mm ²]		-		-		-	
Connection capacity		Rigid		Flexible		Ferrule without/with plastic sleeve	
1 conductor [mm ²]		0.2 - 4		0.2 - 2.5		0.25 - 2.5	
2 conductors (of the same type) [mm ²]		0.2 - 1		0.2 - 1		0.25 - 1	
2 flexible conductors with a TWIN ferrule [mm ²]		-		-		0.5 - 1	
Max. cross section with insertion bridge [mm ²]		4		2.5		-	
General data		8		M3		0.5 - 0.6	
Stripping length [mm]		-		PA		V2	
Screw thread		-		-		-	
Tightening torque [Nm]		-		-		-	
Insulating material		-		-		-	
Flammability rating in accordance with UL 94		-		-		-	

Description	No. of pos.	Color
Terminal block, for mounting on NS 35...		gray
Terminal block, with red (RD) LED between the upper and middle levels, for mounting on NS 35... ²⁾		gray
Terminal block, with green (GN) LED between the upper and middle levels, for mounting on NS 35... ²⁾		gray
Terminal block, with through contacts in the upper and lower levels, for mounting on NS 35...		gray
Basic terminal block, for mounting on NS 35... ³⁾		gray

Insertion bridge, for middle and lower levels, fully insulated		
	10	gray
	10	red
	10	blue
	80	blue
	80	red
	80	white

Fixed bridge, isolated	10	silver
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Partition plate, 2 mm width		gray
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Marker strips, for middle and lower level		
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Labeling for upper level		
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Ordering data

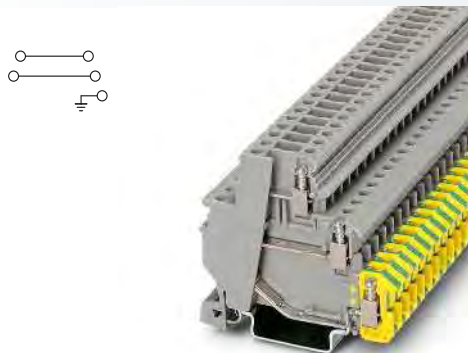
Type	I _{max}	Order No.	Pcs./Pkt.
DOK 1,5		2717016	50
DOK 1,5-LA 24RD/O-M		2717029	50
DOK 1,5-LA 24GN/O-M		2717074	50

Accessories

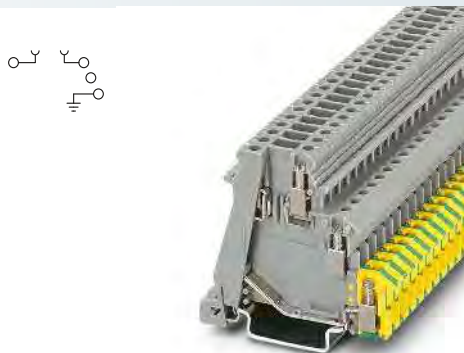
EB 10- DIK GY	26 A	2715937	10
EB 10- DIK RD	26 A	2716774	10
EB 10- DIK BU	26 A	2716680	10
EB 80- DIK BU	26 A	2715940	1
EB 80- DIK RD	26 A	2715953	1
EB 80- DIK WH	26 A	2715788	1
FBI 10- 6	26 A	0203250	10
ATP-DIK 1,5		1413272	50
SF-SL 0,6X3,5-100 S-VDE		1212587	10

SK 6,2/3,8 (see Catalog 3)			
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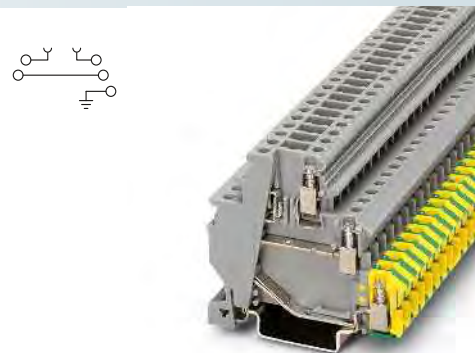
ZB 6 (see Catalog 3)			
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2.5 (4) mm², 26 A, three-level terminal block with PE foot



2.5 (4) mm², 16 A, three-conductor actuator terminal block with disconnect zone and PE foot



2.5 (4) mm², 26 A, three-level terminal block with disconnect zone and PE foot



Technical data			
Width	Length	Height NS 35/7,5	
6.2	62.5	54.5	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
26	250	0.2 - 4	30-14
IEC 60947-7-1/IEC 60947-7-2			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
250	300	300	-
24 / 2.5	15 / -	15 / -	-
2.5	-	-	-
24 - 12	30-14	28-14	-
IEC			
UL / CUL	CSA	IEC/ EN 60079-7	
-	-	-	
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 2.5
0.2 - 1	0.2 - 1	0.25 - 1	-
-	-	-	0.5 - 1
4	2.5	-	-
8			
M3			
0.5 - 0.6			
PA			
V2			

Technical data			
Width	Length	Height NS 35/7,5	
6.2	61	54.5	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
16 ¹⁾	250 ¹⁾	0.2 - 4	30-14
IEC 60947-7-1/IEC 60947-7-2			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
250 ¹⁾	300	300	-
16 ¹⁾ / 1.5	15 / -	15 / -	-
2.5	-	-	-
24 - 12	30-14	28-14	-
IEC			
UL / CUL	CSA	IEC/ EN 60079-7	
-	-	-	
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 2.5
0.2 - 1	0.2 - 1	0.25 - 1	-
-	-	-	0.5 - 1
4	2.5	-	-
8			
M3			
0.5 - 0.6			
PA			
V2			

Technical data			
Width	Length	Height NS 35/7,5	
6.2	63	54.5	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
26 ¹⁾	250 ¹⁾	0.2 - 4	30-14
IEC 60947-7-1/IEC 60947-7-2			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
250 ¹⁾	300	300	-
24 ¹⁾ / 2.5	15 / -	15 / -	-
2.5	-	-	-
24 - 12	30-14	28-14	-
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 2.5
0.2 - 1	0.2 - 1	0.25 - 1	-
-	-	-	0.5 - 1
4	2.5	-	-
8			
M3			
0.5 - 0.6			
PA			
V2			

Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
DOK 1,5-2D		2717139	50

Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
DOK 1,5-TG		2717113	50

Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
DOK 1,5-TG		3011054	50

Accessories			
EB 10- DIK GY	26 A	2715937	10
EB 10- DIK RD	26 A	2716774	10
EB 10- DIK BU	26 A	2716680	10
EB 80- DIK BU	26 A	2715940	1
EB 80- DIK RD	26 A	2715953	1
EB 80- DIK WH	26 A	2715788	1
ATP-DIKD 1,5		1413285	50
SF-SL 0,6X3,5-100 S-VDE		1212587	10
SK 6,2/3,8 (see Catalog 3)			
ZB 6 (see Catalog 3)			

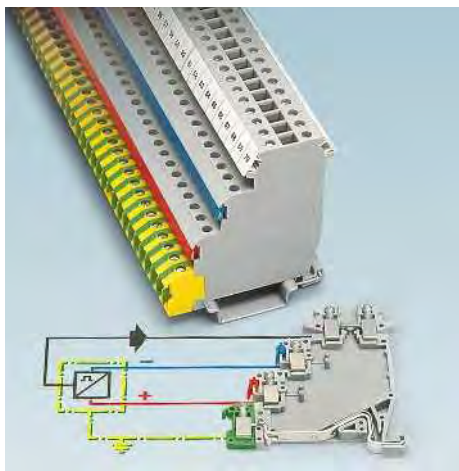
Accessories			
EB 10- DIK GY	26 A	2715937	10
EB 10- DIK RD	26 A	2716774	10
EB 10- DIK BU	26 A	2716680	10
EB 80- DIK BU	26 A	2715940	1
EB 80- DIK RD	26 A	2715953	1
EB 80- DIK WH	26 A	2715788	1
ATP-DIK 1,5		1413272	50
SF-SL 0,6X3,5-100 S-VDE		1212587	10
SK 6,2/3,8 (see Catalog 3)			
ZB 6 (see Catalog 3)			

Accessories			
EB 10- DIK GY	26 A	2715937	10
EB 10- DIK RD	26 A	2716774	10
EB 10- DIK BU	26 A	2716680	10
EB 80- DIK BU	26 A	2715940	1
EB 80- DIK RD	26 A	2715953	1
EB 80- DIK WH	26 A	2715788	1
ATP-DIKD 1,5		1413285	50
SF-SL 0,6X3,5-100 S-VDE		1212587	10
SK 6,2/3,8 (see Catalog 3)			
ZB 6 (see Catalog 3)			

Terminal blocks – Classic

UK universal modular terminal blocks

Four-conductor initiator and actuator terminal blocks VIOK 1,5 ...



VIOK 1,5

- This terminal block is a combination of a DIK ... and DOK ... terminal block where just one terminal block can be used for initiators and actuators
- The feed-through connections for the signal line, which can be marked, are in the top level
- The two middle terminal points supply potential to the initiator
- The PE connection is on the lower level

VIOK 1,5-2D

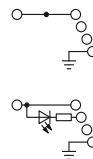
- This terminal block has two feed-through levels and two busbar levels
- It is used for programmable or self-monitoring initiators which are additionally controlled via the second feed-through level

VIOK 1,5-D/TG/D/PE

- Here a plug division is integrated in the second level from above. Therefore, the positive potential of the initiator can be transmitted via a fuse plug or – for maintenance and test purposes – via an isolating plug

Notes:

- 1) Current and voltage are determined by the plug used.
- 2) When using EB insertion bridges, the nominal voltage is reduced to 250 V.
- 3) The corresponding accessory is documented, see page 508.



2.5 (4) mm², 26 A, four-conductor actuator terminal block with PE foot



Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Rated cross section	[mm ²]
Cross section range	AWG
Disconnect level rated data	
Nominal current / cross section	[A] / [mm ²]
Connection capacity	
1 conductor	[mm ²]
2 conductors (of the same type)	[mm ²]
2 flexible conductors with a TWIN ferrule	[mm ²]
Max. cross section with insertion bridge	[mm ²]
General data	
Stripping length	[mm]
Screw thread	
Tightening torque	[Nm]
Insulating material	
Flammability rating in accordance with UL 94	

Technical data			
Width	Length	Height NS 35/7,5	
6.2	62.5	70	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
26	250	0.2 - 4	30-14
IEC 60947-7-1/IEC 60947-7-2			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
250	300	300	-
24 / 2.5	15 / -	15 / -	-
2.5	-	-	-
24 - 12	30-14	28-14	-
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 2.5
0.2 - 1	0.2 - 1	0.25 - 1	-
-	-	-	0.5 - 1
4	2.5	-	-

Description	No. of pos.	Color
Terminal block, for mounting on NS 35...		gray
Terminal block, with red (RD) LED between the upper level and the level below it, for mounting on NS 35...		gray
Terminal block, with two through contacts, for mounting on NS 35...		gray
Terminal block, with three through contacts, for mounting on NS 35...		gray
Basic terminal block, with two through contacts, for mounting on NS 35... ³⁾		gray

Insertion bridge, for middle and lower levels, fully insulated		
	10	gray
	10	red
	10	blue
	80	blue
	80	red
	80	white

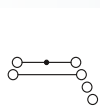
Fixed bridge, isolated	10	silver
Partition plate, 2 mm width		gray
Screwdriver		

Marker strips, for middle and lower level	
Labeling for middle levels	
Labeling for upper level	

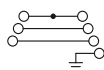
Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
VIOK 1,5		2718015	50
VIOK 1,5-LA 24RD/O-MO		2718028	50

Accessories			
EB 10- DIK GY	26 A	2715937	10
EB 10- DIK RD	26 A	2716774	10
EB 10- DIK BU	26 A	2716680	10
EB 80- DIK BU	26 A	2715940	1
EB 80- DIK RD	26 A	2715953	1
EB 80- DIK WH	26 A	2715788	1
FBI 10- 6	26 A	0203250	10
ATP-DIK 1,5		1413272	50
SF-SL 0,6X3,5-100 S-VDE		1212587	10

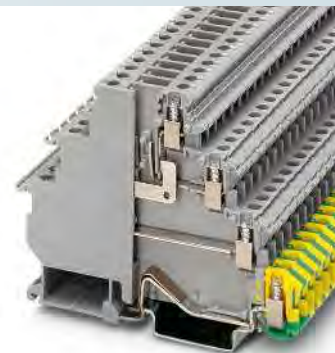
SK 6,2/3,8 (see Catalog 3)	
ZB 6 (see Catalog 3)	



2.5 (4) mm², 26 A, four-conductor terminal block,
both upper levels as feed-through levels



2.5 (4) mm², 26 A, four-level terminal block
with PE foot



2.5 (4) mm², 24 A, four-level terminal block
with PE foot, disconnect zone in third level



Technical data			
Width	Length	Height NS 35/7,5	
6.2	73	70	
I_{max} [A]	U_{max} [V]	max. Ø [mm²]	AWG (UL)
26	250	0.2 - 4	30-14
IEC 60947-7-1	IEC	UL / CUL	CSA IEC/ EN 60079-7
250	300	300	-
24 / 2.5	15 / -	15 / -	-
2.5	-	-	-
24 - 12	30-14	28-14	-
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 2.5
0.2 - 1	0.2 - 1	0.25 - 1	-
-	-	-	0.5 - 1
4	2.5	-	-
8			
M3			
0.5 - 0.6			
PA			
V2			

Technical data			
Width	Length	Height NS 35/7,5	
6.2	82.5	70	
I_{max} [A]	U_{max} [V]	max. Ø [mm²]	AWG (UL)
26	400 ²⁾	0.2 - 4	30-14
IEC 60947-7-1/IEC 60947-7-2	IEC	UL / CUL	CSA IEC/ EN 60079-7
400 ²⁾	300	300	-
24 / 2.5	15 / -	15 / -	-
2.5	-	-	-
24 - 12	30-14	28-14	-
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 2.5
-	-	-	-
-	-	-	-
4	2.5	-	-
8			
M3			
0.5 - 0.6			
PA			
V2			

Technical data			
Width	Length	Height NS 35/7,5	
6.2	91.5	70	
I_{max} [A]	U_{max} [V]	max. Ø [mm²]	AWG (UL)
24 ¹⁾	250 ¹⁾	0.2 - 4	30-14
IEC 60947-7-1/IEC 60947-7-2	IEC	UL / CUL	CSA IEC/ EN 60079-7
250 ¹⁾	300	300	-
24 ¹⁾ / 2.5	15 / -	15 / -	-
2.5	-	-	-
24 - 12	30-14	28-14	-
IEC 60947-7-1	IEC	UL / CUL	CSA IEC/ EN 60079-7
16 / 1.5	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 2.5
-	-	-	-
-	-	-	-
4	2.5	-	-
8			
M3			
0.5 - 0.6			
PA			
V2			

Ordering data			
Type	I_{max}	Order No.	Pcs./Pkt.
VIOK 1,5-2D		2718196	50

Ordering data			
Type	I_{max}	Order No.	Pcs./Pkt.
VIOK 1,5-3D/PE		2718206	50

Ordering data			
Type	I_{max}	Order No.	Pcs./Pkt.
VIOK 1,5-D/TG/D/PE		3011067	50

Accessories			
EB 10- DIK GY	26 A	2715937	10
EB 10- DIK RD	26 A	2716774	10
EB 10- DIK BU	26 A	2716680	10
EB 80- DIK BU	26 A	2715940	1
EB 80- DIK RD	26 A	2715953	1
EB 80- DIK WH	26 A	2715788	1
FBI 10- 6	26 A	0203250	10
ATP-DIKD 1,5		1413285	50
SF-SL 0,6X3,5-100 S-VDE		1212587	10

Accessories			
EB 10- DIK GY	26 A	2715937	10
EB 10- DIK RD	26 A	2716774	10
EB 10- DIK BU	26 A	2716680	10
EB 80- DIK BU	26 A	2715940	1
EB 80- DIK RD	26 A	2715953	1
EB 80- DIK WH	26 A	2715788	1
FBI 10- 6	26 A	0203250	10
ATP-DIK 1,5		1413272	50
SF-SL 0,6X3,5-100 S-VDE		1212587	10

Accessories			
EB 10- DIK GY	26 A	2715937	10
EB 10- DIK RD	26 A	2716774	10
EB 10- DIK BU	26 A	2716680	10
EB 80- DIK BU	26 A	2715940	1
EB 80- DIK RD	26 A	2715953	1
EB 80- DIK WH	26 A	2715788	1
ATP-DIKD 1,5		1413285	50
SF-SL 0,6X3,5-100 S-VDE		1212587	10

SK 6,2/3,8 (see Catalog 3)
ZB 6 (see Catalog 3)

SK 6,2/3,8 (see Catalog 3)
ZB 6 (see Catalog 3)

SK 6,2/3,8 (see Catalog 3)
ZBF 6 (see Catalog 3)
ZB 6 (see Catalog 3)

Terminal blocks – Classic

UK universal modular terminal blocks

Three and four-level terminal blocks with PE foot SLKK ... and DLK ...



Three-level terminal blocks SLKK 5 ...

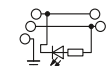
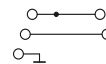
- With two laterally offset feed-through levels and ground connection to the DIN rail which acts as a grounding busbar
- This allows space-saving and systematic wiring of 3-wire conductors
- This is of advantage for controllers with external actuators, solenoid valves and limit switches
- The SLKK 5-LA...U-O with integrated LED display optically indicates the voltage condition of the lower feed-through level
- The FBI 10-6 fixed bridge is used on the upper level to connect the return lines for the LED displays and the external loads to form a common busbar

Four-level terminal blocks DLK ...

- The three-conductor terminal blocks DLK 2,5-PE and DLKB 2,5-PE are particularly suited to wiring three-phase current consumers due to their structure with three feed-through levels plus a PE connection
- To reduce the amount of wire used, the DLKB 2,5-PE can also be bridged in the middle and lower levels using the insertion bridges EB...DIK with up to 80 positions

Notes:

1) The voltage is determined by the LED display (only for SLKK 5-LA...)



4 (4) mm², 30 A, three-level terminal block with PE foot



Technical data

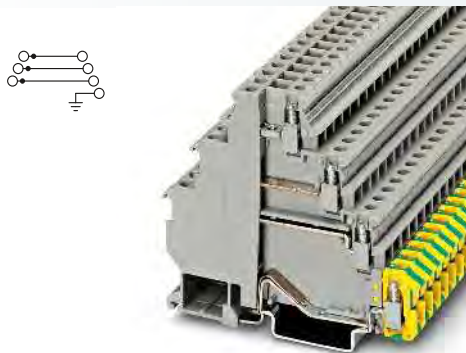
Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	6.2	66.5	69.5	
Maximum electrical data		I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
		30	500 ¹⁾	0.2 - 4	26-10
Rated data		IEC 60947-7-1/IEC 60947-7-2			
		IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	500 ¹⁾	600	300	-
Nominal current / cross section	[A] / [mm ²]	30 / 4	30 / -	25 / -	-
Rated cross section	[mm ²]	4	-	-	-
Cross section range	AWG	24 - 10	26-10	28-12	-
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	[mm ²]	0.2 - 4	0.2 - 4	0.25 - 4	0.25 - 2.5
2 conductors (of the same type)	[mm ²]	0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
2 flexible conductors with a TWIN ferrule	[mm ²]	-	-	-	0.5 - 1.5
Max. cross section with insertion bridge	[mm ²]	4	2.5	-	-
General data					
Stripping length	[mm]	8			
Screw thread		M3			
Tightening torque	[Nm]	0.6 - 0.8			
Insulating material		PA			
Flammability rating in accordance with UL 94		V0			

Ordering data

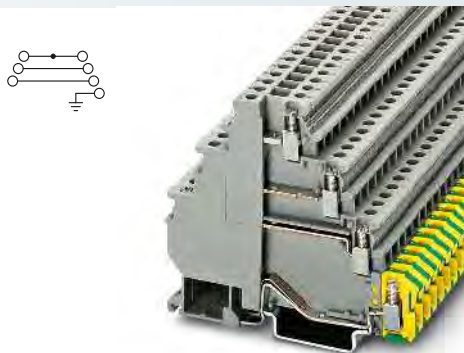
Type	I _{max}	Order No.	Pcs./Pkt.
SLKK 5		0461018	50
SLKK 5-LA 60 RD/U-O		0461034	50

Accessories

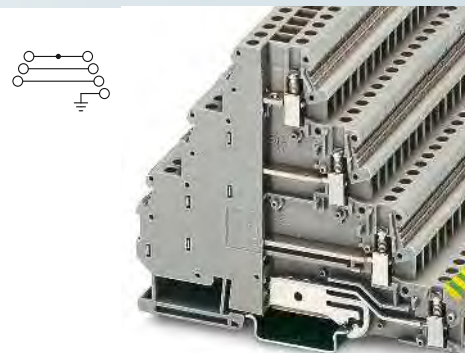
Cover, width: 2.5 mm		DG-UKK 3/5	
gray		2770024	50
Spacer cover, compensates for level offset if standard terminal blocks are to be fitted adjacently, 2.5 mm thick		2770817	50
Insertion bridge, for middle and lower levels, fully insulated			
10 gray			
10 red			
10 blue			
80 blue			
80 red			
80 white			
Insertion bridge, insulated			
2 gray		EB 2-6	26 A 0201155 100
3 gray		EB 3-6	26 A 0201142 100
10 gray		EB 10-6	26 A 0201139 10
Fixed bridge, isolated			
10 silver		FBI 10-6	32 A 0203250 10
Separating disk, for separation of neighboring bridges, can be fitted later, no loss of pitch			
		TS-KK 3	2770215 50
Screwdriver			
		SF-SL 0,6X3,5-100 S-VDE	1212587 10
Lateral groove labeling			
		ZB 6 (see Catalog 3)	



2.5 (4) mm², 24 A, four-level terminal block with PE foot



2.5 (4) mm², 24 A, four-level terminal block with PE foot



4 (6) mm², 34 A, four-level terminal block with PE foot



Technical data			
Width	Length	Height NS 35/7,5	
6.2	83.5	70	
I_{max} [A]	U_{max} [V]	max. Ø [mm²]	AWG (UL)
24	400	0.2 - 4	30-14
IEC 60947-7-1/IEC 60947-7-2			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
400	300	300	-
19 / 2.5	15 / -	15 / -	-
2.5	-	-	-
24 - 12	30-14	28-12	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 2.5
-	-	-	-
4	2.5	-	-
8			
M3			
0.5 - 0.6			
PA			
V0			

Technical data			
Width	Length	Height NS 35/7,5	
6.2	83	70	
I_{max} [A]	U_{max} [V]	max. Ø [mm²]	AWG (UL)
24	400	0.2 - 4	30-14
IEC 60947-7-1/IEC 60947-7-2			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
400	300	300	-
19 / 2.5	15 / -	15 / -	-
2.5	-	-	-
24 - 12	30-14	28-12	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 2.5
-	-	-	-
-	-	-	-
-	-	-	-
8			
M3			
0.5 - 0.6			
PA			
V0			

Technical data			
Width	Length	Height NS 35/7,5	
6.2	103.5	86.5	
I_{max} [A]	U_{max} [V]	max. Ø [mm²]	AWG (UL)
34	400	0.2 - 6	30-10
IEC 60947-7-1/IEC 60947-7-2			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
400	600	-	-
32 / 4	30 / -	-	-
4	-	-	-
24 - 10	30-10	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 6	0.2 - 4	0.25 - 4	0.25 - 4
-	-	-	-
-	-	-	-
-	-	-	-
8			
M3			
0.5 - 0.6			
PA			
V0			

Ordering data			
Type	I_{max}	Order No.	Pcs./Pkt.
DLKB 2,5-PE		3011038	50

Ordering data			
Type	I_{max}	Order No.	Pcs./Pkt.
DLK 2,5-PE		3011041	50

Ordering data			
Type	I_{max}	Order No.	Pcs./Pkt.
DLK 4-PE		3011999	50

Accessories			
EB 10- DIK GY	26 A	2715937	10
EB 10- DIK RD	26 A	2716774	10
EB 10- DIK BU	26 A	2716680	10
EB 80- DIK BU	26 A	2715940	1
EB 80- DIK RD	26 A	2715953	1
EB 80- DIK WH	26 A	2715788	1
FBI 10- 6	26 A	0203250	10
SF-SL 0,6X3,5-100 S-VDE		1212587	10
ZB 6 (see Catalog 3)			

Accessories			
FBI 10- 6	26 A	0203250	10
SF-SL 0,6X3,5-100 S-VDE		1212587	10
ZB 6 (see Catalog 3)			

Accessories			
FBI 10- 6	30 A	0203250	10
SF-SL 0,6X3,5-100 S-VDE		1212587	10
ZB 6 (see Catalog 3)			

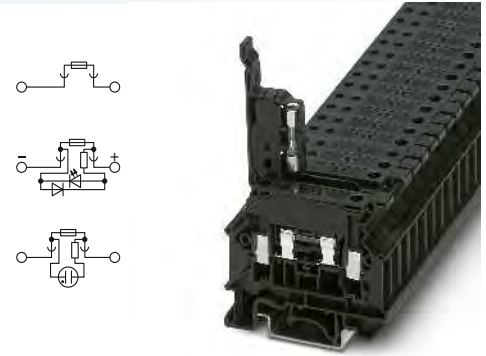
Terminal blocks – Classic

UK universal modular terminal blocks

UK ...-HESI...N fuse/lever-type disconnect terminal blocks

- Compact, space-saving design
- Universal disconnect zone

Notes:
1) If the fuse is faulty, the downstream circuit is not off load.
2) The current is determined by the fuse used, the voltage by the LED display. Observe max. power dissipation.



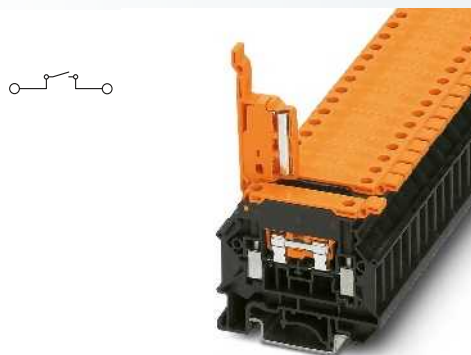
4 (6) mm², 6.3 A, lever-type fuse terminal block, for 5 x 20 mm cartridge fuses



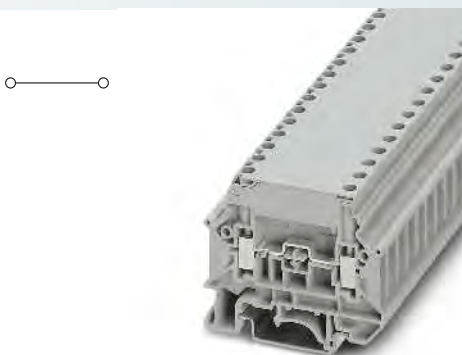
			Technical data			
Dimensions			Width	Length	Height NS 35/7,5	
		[mm]	8.2	58	50	
Dimensions			Width	Length	Height NS 32	
		[mm]	8.2	58	55	
Maximum electrical data			I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
			6.3 ²⁾	500 ²⁾	0.2 - 6	26-10
Rated data			IEC 60947-7-3	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage		[V]	500 ²⁾	600	-	-
Nominal current / cross section	[A] / [mm ²]		6.3 ²⁾ / 1.5	16	-	-
Rated cross section		[mm ²]	4	-	-	-
Cross section range		AWG	24 - 10	26-10	-	-
Connection capacity			Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor		[mm ²]	0.2 - 6	0.2 - 4	0.25 - 4	0.25 - 2.5
2 conductors (of the same type)		[mm ²]	0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
2 flexible conductors with a TWIN ferrule		[mm ²]	-	-	-	0.5 - 2.5
Max. cross section with insertion bridge		[mm ²]	4	4	-	-
General data						
Stripping length		[mm]	8			
Screw thread			M3			
Tightening torque		[Nm]	0.6 - 0.8			
Insulating material			PA			
Flammability rating in accordance with UL 94			V0			

Ordering data				
Type	I _{max}	Order No.	Pcs./Pkt.	
UK 5-HESI N		3000539	50	
UK 5-HESILED 24 N		3000540	50	
UK 5-HESILED 60 N		3000541	50	
UK 5-HESILA 250 N		3000542	50	

Accessories						
Cover, width: 2.2 mm		black	D-UK 5-HESI N	3000543	50	
Insertion bridge, divisible, fully insulated			EBS 2- 8	14 A	3118151	100
	2	gray	EBS 3- 8	14 A	3118148	50
	3	gray	EBS 10- 8	14 A	3118135	10
	10	gray	SF-SL 0,6X3,5-100 S-VDE		1212587	10
Screwdriver			UC-TM 8, UCT-TM 8 or ZB 8 (see Catalog 3)			
Lateral groove labeling						



4 (6) mm², 16 A, lever-type disconnect terminal block, same shape



4 (6) mm², 32 A, feed-through terminal block, same shape



Technical data

Width	Length	Height NS 35/7,5	
8.2	58	50	
Width	Length	Height NS 32	
8.2	58	55	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
16	500	0.5 - 6	26-10
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	600	-	-
16 / 1.5	16	-	-
4	-	-	-
20 - 10	26-10	-	-
Rigid	Flexible	Ferrule	
		without/with plastic sleeve	
0.5 - 6	0.5 - 4	0.5 - 4	0.5 - 2.5
0.5 - 1.5	0.5 - 1.5	0.5 - 1.5	-
-	-	-	0.5 - 1.5
4	4	-	-

9
M3
0.6 - 0.8
PA
V0

Ordering data

Type	I _{max}	Order No.	Pcs./Pkt.
UK 5-HEDI N		3000564	50
UK 5-HEDI N GY		3000752	50

Accessories

D-UK 5-HESI N		3000543	50
EBS 2- 8	14 A	3118151	100
EBS 3- 8	14 A	3118148	50
EBS 10- 8	14 A	3118135	10
SF-SL 0,6X3,5-100 S-VDE		1212587	10

UC-TM 8, UCT-TM 8 or ZB 8
(see Catalog 3)



Technical data

Width	Length	Height NS 35/7,5	
8.2	58	40.3	
Width	Length	Height NS 32	
8.2	58	45.3	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
32	800	0.2 - 6	20-10
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
800	600	-	-
32 / 4	30 / -	-	-
4	-	-	-
24 - 10	20-10	-	-
Rigid	Flexible	Ferrule	
		without/with plastic sleeve	
0.2 - 6	0.2 - 4	0.25 - 4	0.25 - 2.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 2.5
4	4	-	-

8
M3
0.6 - 0.8
PA
V0

Ordering data

Type	I _{max}	Order No.	Pcs./Pkt.
UK 5-MTD N		3000562	50

Accessories

D-UK 5-HESI N		3000543	50
EBS 2- 8	30 A	3118151	100
EBS 3- 8	30 A	3118148	50
EBS 10- 8	30 A	3118135	10
SF-SL 0,6X3,5-100 S-VDE		1212587	10

UC-TM 8, UCT-TM 8 or ZB 8
(see Catalog 3)

Terminal blocks – Classic

UK universal modular terminal blocks

Lever-type fuse terminal blocks UKK ...-HESI



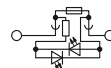
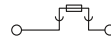
- Safety lever locked in end position
- Large area for labeling
- For 5 mm and 6.3 mm cartridge fuse inserts
- Versions with LED display

Notes:

For further technical notes on power dissipation, refer to page 694.

1) If the fuse is faulty, the downstream circuit is not off load.

2) The current is determined by the fuse used, the voltage by the LED display. Observe max. power dissipation.



4 (4) mm², 6.3 A, lever-type fuse terminal block for 5 x 20 mm cartridge fuses



Technical data

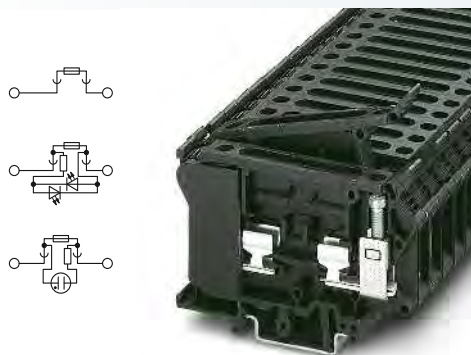
Dimensions		Width		Length		Height NS 35/7,5	
		8.2		72.5		56.5	
Dimensions		Width		Length		Height NS 32	
		8.2		72.5		61.5	
Maximum electrical data		I _{max} [A]		U _{max} [V]		max. Ø [mm ²]	
		6.3 ²⁾		800 ²⁾		0.2 - 4	
Rated data		IEC 60947-7-3		UL / CUL		CSA	
		IEC		UL / CUL		CSA	
		800 ²⁾		600		600	
Rated voltage	[V]	800 ²⁾		600		600	
Nominal current / cross section	[A] / [mm ²]	6.3 ²⁾ / 1		12 / -		6.3 / -	
Rated cross section	[mm ²]	4		-		-	
Cross section range	AWG	24 - 12		26-10		28-10	
Connection capacity		Rigid		Flexible		Ferrule without/with plastic sleeve	
1 conductor	[mm ²]	0.2 - 4		0.2 - 4		0.25 - 4 0.25 - 4	
2 conductors (of the same type)	[mm ²]	0.2 - 1.5		0.2 - 1.5		0.25 - 1.5 -	
2 flexible conductors with a TWIN ferrule	[mm ²]	-		-		-	
Max. cross section with insertion bridge	[mm ²]	4		4		-	
General data		G / 5 x 20 / 5 x 25 / 5 x 30					
Fuse type / dimensions	- / [mm]	8					
Stripping length	[mm]	M3					
Screw thread		0.6 - 0.8					
Tightening torque	[Nm]	PA					
Insulating material		V0					
Flammability rating in accordance with UL 94							

Ordering data

Description	No. of pos.	Color	Type	I _{max}	Order No.	Pcs./Pkt.
Fuse terminal block, for mounting on NS 32... or NS 35..., for cartridge fuse inserts 5 x 20, 5 x 25 and 5 x 30 mm		black	UK 5-HESI		3004100	50
with LED for 12-30 V AC/DC		black	UK 5-HESILED 24		3004126	50
with LED for 110-250 V AC/DC ¹⁾		black	UK 5-HESILA 250		3004142	50
Fuse terminal block, for mounting on NS 32... or NS 35..., for cartridge fuse inserts 6.3 x 32 mm.		black				
with LED for 12-30 V AC/DC ¹⁾		black				
with LED for 110-250 V AC/DC ¹⁾		black				

Accessories

Insertion bridge, divisible, fully insulated								
	2	gray	EBS 2- 8	32 A	3118151		100	
	3	gray	EBS 3- 8	32 A	3118148		50	
	10	gray	EBS 10- 8	32 A	3118135		10	
Screwdriver			SF-SL 0,6X3,5-100 S-VDE		1212587		10	
Lateral groove labeling			ZB 8 (see Catalog 3)					
Lever labeling								



16 (16) mm², 10 A, lever-type fuse terminal block for 6.3 x 32 mm cartridge fuses



Technical data

Width	Length	Height NS 35/7,5	
10.2	79	60.5	
Width	Length	Height NS 32	
10.2	79	65.5	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
10 ²	500 ²	0.5 - 16	26-8
IEC 60947-7-3			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500 ²	600	600	-
10 ² / 1.5	10 / -	25 / -	-
16	-	-	-
20 - 6	26-8	26-8	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.5 - 16	0.5 - 16	0.5 - 10	0.5 - 10
0.5 - 4	0.5 - 4	0.5 - 4	-
-	-	-	0.5 - 6
10	10	-	-

G / 6,3 x 32
12
M4
1.2 - 1.5
PA
V0

Ordering data

Type	I _{max}	Order No.	Pcs./Pkt.
UK 6,3-HESI		3004171	50
UK 6,3-HESILED 24		3004265	50
UK 6,3-HESILA 250		3004249	50

Accessories

EB 2-10	63 A	0203153	100
SZS 1,0X4,0 VDE		1205066	10

ZB 10 (see Catalog 3)

ZB 8 (see Catalog 3)

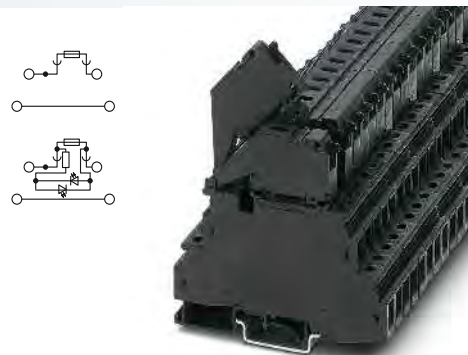
Terminal blocks – Classic

UK universal modular terminal blocks

Double-level terminal blocks with safety levers UKK ...-HESI

- Compact double-level fuse terminal block
- Safety levers and each terminal point can be individually labeled
- For 5 mm and 6.3 mm cartridge fuse inserts
- Versions with LED display

Notes:
For further technical notes on power dissipation, refer to page 694.
1) If the fuse is faulty, the downstream circuit is not off load.
2) The current is determined by the fuse used, the voltage by the LED display. Observe max. power dissipation.



4 (4) mm², 32 A, double-level terminal block with fuse lever for 5 x 20 mm cartridge fuse



Dimensions	
	[mm]
Dimensions	
	[mm]
Maximum electrical data	
Rated data lower level	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Rated cross section	[mm ²]
Cross section range	AWG
Rated data, upper level	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Rated cross section	[mm ²]
Cross section range	AWG
Connection capacity	
1 conductor	[mm ²]
2 conductors (of the same type)	[mm ²]
2 flexible conductors with a TWIN ferrule	[mm ²]
Max. cross section with insertion bridge	[mm ²]
General data	
Fuse type / dimensions	– / [mm]
Stripping length	[mm]
Screw thread	
Tightening torque	[Nm]
Insulating material	
Flammability rating in accordance with UL 94	

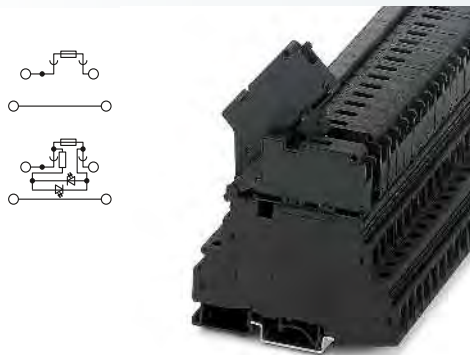
Technical data			
Width	Length	Height NS 35/7,5	
8.2	86.5	79	
Width	Length	Height NS 32	
8.2	86.5	84	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
32²)	400²)	0.2 - 4	26-10
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
400²)	600	300	-
32²) / 4	30 / -	15	-
4	-	-	-
24 - 12	26-10	28-10	-
IEC 60947-7-3			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
400²)	600	300	-
6.3²) / 1	15 / -	15 / -	-
4	-	-	-
24 - 12	26-10	28-10	-
Rigid	Flexible	Ferrule	
		without/with plastic sleeve	
0.2 - 4	0.2 - 4	0.25 - 4	0.25 - 4
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 1.5
4	2.5	-	-
G / 5 x 20			
8			
M3			
0.5 - 0.8			
PA			
V0			

Description	No. of pos.	Color
Fuse terminal block , for mounting on NS 32... or NS 35..., for cartridge fuse inserts 5 x 20 mm		black
with LED for 15 - 30 V AC/DC, 0.98 - 2.4 mA ¹)		black
Fuse terminal block , for mounting on NS 32... or NS 35..., for cartridge fuse inserts 6.3 x 32 mm		black
with LED for 12 - 30 V DC, 0.31 - 0.95 mA ¹)		black

Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
UKK 5-HESI (5X20)		3007204	50
UKK 5-HESILED 24 (5X20)		3026654	50

Fixed bridge , isolated	10	silver
Insertion bridge , divisible, fully insulated	2	gray
	3	gray
	10	gray
Screwdriver		
Lateral groove labeling		
Lever labeling		

Accessories			
FBRI 10-8 N	32 A	2772080	10
EBS 2-8	32 A	3118151	100
EBS 3-8	32 A	3118148	50
EBS 10-8	32 A	3118135	10
SF-SL 0,6X3,5-100 S-VDE		1212587	10
ZB 8 (see Catalog 3)			
ZBF 8 (see Catalog 3)			



4 (4) mm², 32 A, double-level terminal block with fuse lever for 6.3 x 32 mm cartridge fuse



Technical data

Width	Length	Height NS 35/7,5	
8.2	86.5	79	
Width	Length	Height NS 32	
8.2	86.5	84	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
32 ²)	400 ²)	0.2 - 4	26-10
IEC 60947-7-1	IEC	UL / CUL	CSA
400 ²)	600	300	-
32 ²) / 4	30 / -	15	-
4	-	-	-
24 - 12	26-10	28-10	-
IEC 60947-7-3	IEC	UL / CUL	CSA
400 ²)	600	300	-
10 ²) / 1.5	15 / -	15	-
4	-	-	-
24 - 12	26-10	28-10	-
Rigid	Flexible	Ferrule	
		without/with plastic sleeve	
0.2 - 4	0.2 - 4	0.25 - 4	0.25 - 4
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 1.5
4	2.5	-	-

G / 6,3 x 32
8
M3
0.5 - 0.8
PA
V0

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
UKK 5-HESI (6,3X32)		3007217	50
UKK 5-HESILED 24 (6,3X32)		0711632	50

Accessories

FBRI 10-8 N	32 A	2772080	10
EBS 2- 8	32 A	3118151	100
EBS 3- 8	32 A	3118148	50
EBS 10- 8	32 A	3118135	10
SF-SL 0,6X3,5-100 S-VDE		1212587	10
ZB 8 (see Catalog 3)			
ZBF 8 (see Catalog 3)			

Fuse terminal blocks with screw cap UK 10-DREHSI

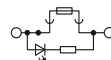
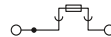
- Bridgeable with fixed bridge FBI ...
- Fuse terminal block with screw cap for 5 x 20, 5 x 25 or 6.3 x 32 mm fuse inserts
- Versions with LED display for indicating that a fuse has tripped
- When selecting and using cartridge fuse terminal inserts, IEC 60127-6/ DIN EN 60127-6 should be observed
- UK 10-DREHSI/K is suitable for fuse inserts with indicator pins. The transparent screen on the screw cap allows the tripped fuse to be quickly identified in these inserts

Notes:

For further technical notes on power dissipation, refer to page 694

1) If the fuse is faulty, the downstream circuit is not off load.

2) The current is determined by the fuse used, the voltage by the LED display. Observe max. power dissipation.



16 (16) mm², 10 A, fuse terminal block for 5 x 20 mm cartridge fuses



Dimensions	
	[mm]
Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Rated cross section	[mm ²]
Cross section range	AWG
Connection capacity	
1 conductor	[mm ²]
2 conductors (of the same type)	[mm ²]
2 flexible conductors with a TWIN ferrule	[mm ²]
Max. cross section with insertion bridge	[mm ²]
General data	
Fuse type / dimensions	- / [mm]
Stripping length	[mm]
Screw thread	
Tightening torque	[Nm]
Insulating material	
Flammability rating in accordance with UL 94	

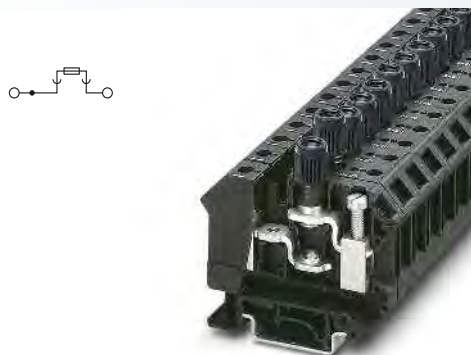
Technical data			
Width	Length	Height NS 35/7,5	
12	62	57.2	
Width	Length	Height NS 32	
12	62	62.2	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
10²)	500²)	0.5 - 16	24-6
IEC 60947-7-3			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500²)	300	300	-
10²) / 1.5	20 / -	20 / -	-
16	-	-	-
20 - 6	24-6	22-6	-
Rigid	Flexible	Ferrule	
		without/with plastic sleeve	
0.5 - 16	0.5 - 16	0.5 - 10	0.5 - 10
0.5 - 4	0.5 - 4	0.5 - 4	-
-	-	-	0.5 - 10
10	10	-	-
G / 5 x 20			
11			
M4			
1.5 - 1.8			
PA			
V0			

Description	No. of pos.	Color
Fuse terminal block, for mounting on NS 32... or NS 35..., for cartridge fuse inserts 5 x 20, 5 x 25, 6.3 x 32 mm		black
.../K with indicator pin		black
Fuse terminal block, for mounting on NS 32... or NS 35..., for cartridge fuse inserts 5 x 20, 6.3 x 32 mm, with LED display for 5 - 15 V DC ¹⁾		black
Fuse terminal block, for mounting on NS 32... or NS 35..., for cartridge fuse inserts 5 x 20, 6.3 x 32 mm, with LED display for 15 - 30 V DC ¹⁾		black
Fuse terminal block, for mounting on NS 32... or NS 35..., for cartridge fuse inserts 5 x 20, 6.3 x 32 mm, with LED display for 30 - 60 V DC ¹⁾		black
Fuse terminal block, for mounting on NS 32... or NS 35..., for cartridge fuse inserts 5 x 20, 6.3 x 32 mm, with LED display for 110 - 250 V DC ¹⁾		black

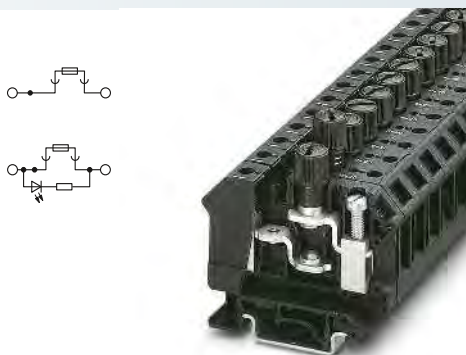
Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
UK 10-DREHSI (5X20)		3005109	50
UK 10-DREHSILED 12 (5X20)		3005112	50
UK 10-DREHSILED 24 (5X20)		3005138	50
UK 10-DREHSILED 60 (5X20)		3005154	50
UK 10-DREHSILA 250 (5X20)		3005170	50

Fixed bridge, isolated	10	silver
Insertion bridge, fully insulated	10	gray
Test socket, for test connection with test plug PS		silver
Test socket, insulated, for UK 6 N, UK 10 N and URTK/SP and USST 10 terminal blocks, M4 thread		transparent
Screwdriver		
Lateral groove labeling		

Accessories			
FBI 10-12	63 A	0203454	10
EB 10-12	63 A	3006137	10
PSB 4/7/6		0303299	10
PSBJ 4/15/6 FARBLOS		0303419	10
SZS 1,0X4,0 VDE		1205066	10
ZB 6 (see Catalog 3)			



16 (16) mm², 10 A, fuse terminal block
for 5 x 25 mm cartridge fuses with indicating pin



16 (16) mm², 10 A, fuse terminal block
for 6.3 x 32 mm cartridge fuses

ERIC KEMA CB

ERIC KEMA CB

Technical data			
Width	Length	Height NS 35/7,5	
12	62	57.2	
Width	Length	Height NS 32	
12	62	62.2	
I_{max} [A]	U_{max} [V]	max. Ø [mm²]	AWG (UL)
10 ²⁾	500 ²⁾	0.5 - 16	24-6
IEC 60947-7-3	UL / CUL	CSA	IEC/ EN 60079-7
500 ²⁾	300	-	-
10 ²⁾ / 1.5	20 / -	-	-
16	-	-	-
20 - 6	24-6	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.5 - 16	0.5 - 16	0.5 - 10	0.5 - 10
0.5 - 4	0.5 - 4	0.5 - 4	-
-	-	-	0.5 - 10
10	10	-	-
G / 5 x 25			
11			
M4			
1.5 - 1.8			
PA			
V2			

Ordering data			
Type	I_{max}	Order No.	Pcs./Pkt.
UK 10-DREHSI/K (5X25)		3005688	50

Accessories			
FBI 10-12	63 A	0203454	10
EB 10-12	63 A	3006137	10
PSB 4/7/6		0303299	10
PSBJ 4/15/6 FARBLOS		0303419	10
SZS 1,0X4,0 VDE		1205066	10
ZB 6 (see Catalog 3)			

Technical data			
Width	Length	Height NS 35/7,5	
12	62	57.2	
Width	Length	Height NS 32	
12	62	62.2	
I_{max} [A]	U_{max} [V]	max. Ø [mm²]	AWG (UL)
10 ²⁾	400 ²⁾	0.5 - 16	24-6
IEC 60947-7-3	UL / CUL	CSA	IEC/ EN 60079-7
400 ²⁾	300	300	-
10 ²⁾ / 1.5	20 / -	20 / -	-
16	-	-	-
20 - 6	24-6	22-6	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.5 - 16	0.5 - 16	0.5 - 10	0.5 - 10
0.5 - 4	0.5 - 4	0.5 - 4	-
-	-	-	0.5 - 10
10	10	-	-
G / 6,3 x 32			
11			
M4			
1.5 - 1.8			
PA			
V2			

Ordering data			
Type	I_{max}	Order No.	Pcs./Pkt.
UK 10-DREHSI (6,3X32)		3005507	50
UK 10-DREHSILED 24 (6,3X32)		3005646	50
UK 10-DREHSILA 250 (6,3X32)		3005662	50

Accessories			
FBI 10-12	63 A	0203454	10
PSB 4/7/6		0303299	10
PSBJ 4/15/6 FARBLOS		0303419	10
SZS 1,0X4,0 VDE		1205066	10
ZB 6 (see Catalog 3)			

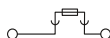
Terminal blocks – Classic

UK universal modular terminal blocks

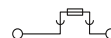
UK-SI and USIG fuse terminal blocks

- In the case of the UK-SI fuse terminal block, the cartridge fuse-links are connected with the integrated connector in the terminal block

Notes:
¹⁾ If the fuse is faulty, the downstream circuit is not off load.
²⁾ The current and voltage are determined by the fuse.
For further technical notes on power dissipation, refer to page 694.
Attention:
The cartridge fuse holders should be selected in accordance with the maximum power dissipation (self-heating) of the cartridge fuse inserts.
For more insertion bridges, visit phoenixcontact.net/products



4 (4) mm², 6.3 A, fuse terminal block for 5 x 20 mm and 5 x 25 mm cartridge fuses



16 (16) mm², 40 A, basic fuse terminal block for cartridge fuse connectors or isolating connectors



Dimensions	
	[mm]
Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]
Rated cross section	[mm²]
Cross section range	AWG
Connection capacity	
1 conductor	[mm²]
2 conductors (of the same type)	[mm²]
2 flexible conductors with a TWIN ferrule	[mm²]
General data	
Fuse type / dimensions	– / [mm]
Stripping length	[mm]
Screw thread	
Tightening torque	[Nm]
Insulating material	
Flammability rating in accordance with UL 94	

Technical data				
Width	Length	Height NS 35/7,5		
8.2	59.5	58		
Width	Length	Height NS 32		
8.2	59.5	63		
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)	
6.3 ²⁾	400 ²⁾	0.2 - 4	28-12	
IEC 60947-7-3	UL / CUL	CSA	IEC/ EN 60079-7	
400 ²⁾	300	250	-	
6.3 ²⁾ / 1	10 / -	10 / -	-	
4	-	-	-	
24 - 12	28-12	24-14	-	
Connection capacity				
	Rigid	Flexible	Ferrule	
			without/with plastic sleeve	
0.2 - 4	0.2 - 4	0.25 - 4	0.25 - 4	
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-	
-	-	-	0.5 - 2.5	

Technical data				
Width	Length	Height NS 35/7,5		
10.2	61	51.6		
Width	Length	Height NS 32		
10.2	61	56.6		
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)	
40 ²⁾	500 ²⁾	0.5 - 16	18-8	
IEC 60947-7-3	UL / CUL	CSA	IEC/ EN 60079-7	
500 ²⁾	600	600	-	
10 ²⁾ / 1.5	40 / -	40 / -	-	
16	-	-	-	
20 - 6	18-8	24-8	-	
Connection capacity				
	Rigid	Flexible	Ferrule	
			without/with plastic sleeve	
0.5 - 16	0.5 - 16	0.5 - 16	0.5 - 10	
0.5 - 4	0.5 - 6	0.5 - 6	-	
-	-	-	0.5 - 6	

Description	No. of pos.	Color
Fuse terminal block , for mounting on NS 32... or NS 35..., for cartridge fuse inserts 5 x 20, 5 x 25 mm		black
		blue
Basic fuse terminal block , for mounting on NS 32... or NS 35...		black
		blue

Ordering data				
Type	I _{max}	Order No.	Pcs./Pkt.	
UK-SI		3118012	50	
UK-SI BU		3118096	50	

Ordering data				
Type	I _{max}	Order No.	Pcs./Pkt.	
USIG		0920083	50	
USIG BU		0920122	50	

Accessories		
Insertion bridge, insulated	10	gray
Isolating connector		
Fuse connector, for G fuse inserts, 6.3 x 32 mm, nominal voltage 440 V		black
Fuse connector, with LED display, for cartridge fuse inserts 6.3 x 32 mm, nominal voltage 440 V ¹⁾ for 15 - 30 V AC/DC, 3.2 - 7.5 mA		black
for 110 - 250 V AC/DC, 0.1 - 0.9 mA		black
Fuse connector, for cartridge fuse inserts 5 x 20, 5 x 25, 5 x 30 mm		black
Fuse connector, for G fuse inserts 5 x 20, 5 x 25, 5 x 30 mm, with LED display for 15 - 30 V AC/DC, 3.2 - 7.5 mA, I _{max} 6.3 A ¹⁾		black
for 110 - 250 V AC/DC, 0.1 - 0.9 mA, I _{max} 6.3 A		black
Separating disk, 0.8 mm wide		gray
Screwdriver		
Lateral groove labeling		

Accessories				
EBS 10- 8	32 A	3118135	10	
SF-SL 0,6X3,5-100 S-VDE		1212587	10	
ZB 8 (see Catalog 3)				

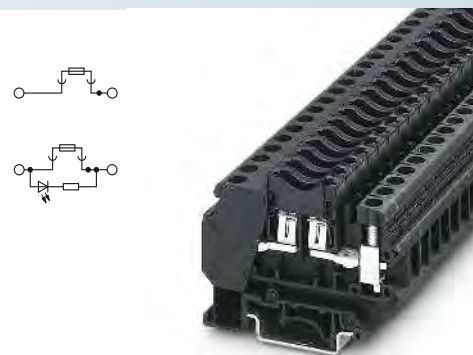
Accessories				
EB 10-10	76 A	0203137	10	
ST-T	40 A	0920216	50	
ST 1-SI	10 A	0920326	50	
ST 1-SILED 24	10 A	0920384	50	
ST 1-SILA 250	10 A	0920397	50	
ST-SI	6.3 A	0920229	50	
ST-SILED 24		0920452	50	
ST-SILA250		0920287	50	
ATS-GSK		0304227	50	
SZS 1,0X4,0 VDE		1205066	10	
ZB 10 (see Catalog 3)				

Fuse terminal block UK 6-FSI/C, for type C flat-type fuses



- Compact fuse terminal block for type C automotive flat-type fuses
- Available with LED display for rapid error diagnostics
- Bridgeable with fixed bridge FBI ...
- Large-surface marking options of every terminal point
- Can be used as the basic terminal block for thermal circuit breaker TCP .../DC32V; see Catalog 4
- Type F automotive flat-type fuse terminal blocks are also available in the “PT Push-in connection terminal blocks” section

Notes:
1) If the fuse is faulty, the downstream circuit is not off load.
2) For derating curve, visit phoenixcontact.net/products
3) The current and voltage are determined by the fuse.
For corresponding fuse inserts, see Catalog 4.
The recommended continuous load capacity of the fuse inserts in accordance with DIN 72581/Part 3 is max. 80 percent of their nominal current (at an ambient temperature of 23°C)



6 (10) mm², 30 A, fuse terminal block for type C flat-type fuses



Dimensions	[mm]
Dimensions	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Rated cross section	[mm ²]
Cross section range	AWG
Connection capacity	
1 conductor	[mm ²]
2 conductors (of the same type)	[mm ²]
2 flexible conductors with a TWIN ferrule	[mm ²]
General data	
Fuse type / dimensions	- / [mm]
Stripping length	[mm]
Screw thread	
Tightening torque	[Nm]
Insulating material	
Flammability rating in accordance with UL 94	

Technical data			
Width	Length	Height NS 35/7,5	
8.2	64	53.8	
Width	Length	Height NS 32	
8.2	64	58.8	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
30 ²⁾	250 ³⁾	0.2 - 10	26-8
IEC 60947-7-3	UL / CUL	CSA	IEC/ EN 60079-7
IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	300	32	-
Nominal current / cross section	30 ¹⁾ / 4	30 / -	-
Rated cross section	6	-	-
Cross section range	24 - 8	26-8	26-8
Connection capacity	Rigid	Flexible	Ferrule without/with plastic sleeve
1 conductor	0.2 - 10	0.2 - 6	0.25 - 6 0.25 - 4
2 conductors (of the same type)	0.2 - 2.5	0.2 - 2.5	0.25 - 2.5 -
2 flexible conductors with a TWIN ferrule	-	-	- 0.5 - 4
General data	C	10	M4
Fuse type / dimensions	1.5 - 1.6	PA	V0
Stripping length			
Screw thread			
Tightening torque			
Insulating material			
Flammability rating in accordance with UL 94			

Description	No. of pos.	Color
Fuse terminal block, for mounting on NS 32... or NS 35...		black
Fuse terminal block, for mounting on NS 32... or NS 35..., with LED for 12 V DC, 1.7 mA ¹⁾		black
with LED display for 24 V DC, 1.9 mA ¹⁾		black

Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
UK 6-FSI/C		3118203	50
UK 6-FSI/C-LED12		3001925	50
UK 6-FSI/C-LED24		3001938	50

Fixed bridge, isolated	10	silver
Insertion bridge, fully insulated	2	gray
	3	gray
	4	gray
	10	gray
Isolator bridge bar, divisible, with 10 screws, for switchable branches with IS-K...	10	silver
Bridge bar isolator, as distance piece for isolator bridge bar		gray
Separating disk, for separation of neighboring bridges, can be fitted later, no loss of pitch		gray
Screwdriver		
Lateral groove labeling		

Accessories			
FBI 10- 8	34 A	0203263	10
EB 2- 8	57 A	0202154	100
EB 3- 8	57 A	0202141	100
EB 4- 8	57 A	0202142	100
EB 10- 8	57 A	0202138	10
ISSBI 10- 8	38 A	0301534	10
IS-K 10		1303337	100
TS-KK 3		2770215	50
SZS 1,0X4,0 VDE		1205066	10
ZB 8 (see Catalog 3)			



Terminal blocks – Classic

UK universal modular terminal blocks

UK 10,3-HESI lever-type fuse terminal blocks

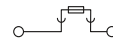
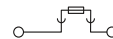
- The UK 10,3-HESI fuse terminal blocks are used for accommodating midjet fuse-links in accordance with IEC 60269 or Class CC fuse-links in accordance with UL 4248-4
- Insertion bridges are available with up to 56 positions
- Tripped fuse-links are signalized via an LED display
- Connection pins for simultaneous switching of two or three positions
- Spacers for higher-temperature applications

Notes:

For detailed information on applications and power dissipation data, see phoenixcontact.net/products

1) If the fuse is faulty, the downstream circuit is not off load.

2) The current and voltage are determined by the fuse.



16 (25) mm², 32 A, lever-type fuse terminal block for 10.3 x 38 mm midjet fuses

Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Rated cross section	[mm ²]
Cross section range	AWG
Connection capacity	
1 conductor	[mm ²]
2 conductors (of the same type)	[mm ²]
2 flexible conductors with a TWIN ferrule	[mm ²]
Max. cross section with insertion bridge	[mm ²]
General data	
Fuse type / dimensions	– / [mm]
Stripping length	[mm]
Screw thread	
Tightening torque	[Nm]
Insulating material	
Flammability rating in accordance with UL 94	

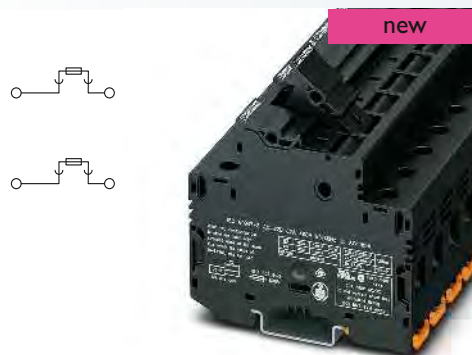
Technical data			
Width	Length	Height NS 35/7,5	
17.8	80.7	68.3	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
32 ²⁾	690 ²⁾	0.75 - 25	-
IEC 60947-1/-3			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
690 ²⁾	-	-	-
32 ²⁾ / 16	-	-	-
16	-	-	-
16 - 3	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.75 - 25	0.75 - 25	0.75 - 16	0.75 - 16
0.75 - 10	0.75 - 10	0.75 - 6	-
-	-	-	-
10	10	-	-
10:3 x 38 mm			
12			
M4			
1.5 - 1.8			
PA			
VO			

Description	No. of pos.	Color
Fuse terminal block , for mounting on NS 35..., for 10.3 x 38 mm midjet fuse inserts, 690 V AC/440 V DC		black
with LED display ¹⁾		black
Fuse terminal block , for mounting on NS 35..., for fuse inserts CLASS CC 10.3 x 38 mm		black
2-pos.		black
3-pos.		black
with LED display ¹⁾		black
2-pos.		black
3-pos.		black

Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
UK 10,3-HESI A		1045676	10
UK 10,3-HESILED A 690V		1045690	10

Insertion bridge, divisible, insulated spine	
1-phase	gray
1-phase	gray
1-phase	gray
1-phase	gray
1-phase	gray
1-phase	gray
Insertion bridge , width: 22 mm, can be disconnected, comb back isolated	
1-phase	gray
1-phase	gray
1-phase	gray
1-phase	gray
Insulation cover , for bridges	
	gray
Connection pin , for connecting several fuse terminal blocks, 2-pos.	
	silver
3-pos.	silver
Spacer for neighboring fuse terminal block, width: 4.5 mm	
	gray

Accessories			
EB 2-18 A	76 A	3009310	10
EB 3-18 A	76 A	3009311	10
EB 4-18 A	76 A	3009313	10
EB 8-18 A	76 A	3009314	10
EB 16-18 A	76 A	1006832	10
EB 56-18 A	76 A	3009315	10
EB 4-22 A	76 A	3009316	10
EB 8-22 A	76 A	3009318	10
EB 16-22 A	76 A	1006839	10
EB 56-22 A	76 A	3009319	10
D-EB 18/22 A		3009320	10
VS-UK 10,3-HESI A 2POL		1045725	10
VS-UK 10,3-HESI A 3POL		1045726	10
DP-UK 10,3-HESI A		1045724	10



25 (25) mm², 30 A, lever-type fuse terminal block for CLASS CC 10.3 x 38 mm

Technical data

Width	Length	Height NS 35/7,5	
17.8	80.7	68.3	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
30 ²⁾	600 ²⁾	0.75 - 25	-
IEC	UL / CUL	CSA	IEC/ EN 60079-7
600 ²⁾	-	-	-
30 ²⁾ / 16	-	-	-
16	-	-	-
16 - 3	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.75 - 25	0.75 - 25	0.75 - 16	0.75 - 16
0.75 - 10	0.75 - 10	0.75 - 6	-
-	-	-	-
10	10	-	-
Class CC			
12			
M4			
1.5 - 1.8			
PA			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
UK 10,3-CC HESI A		1045682	10
UK 10,3-CC HESI A 2POL		1045693	10
UK 10,3-CC HESI A 3POL		1045698	10
UK 10,3-CC HESILED A 600V		1045716	10
UK 10,3-CC HESILED A 600V 2POL		1045718	10
UK 10,3-CC HESILED A 600V 3POL		1045719	10

Accessories

EB 2-18 A	76 A	3009310	10
EB 3-18 A	76 A	3009311	10
EB 4-18 A	76 A	3009313	10
EB 8-18 A	76 A	3009314	10
EB 16-18 A	76 A	1006832	10
EB 56-18 A	76 A	3009315	10
EB 4-22 A	76 A	3009316	10
EB 8-22 A	76 A	3009318	10
EB 16-22 A	76 A	1006839	10
EB 56-22 A	76 A	3009319	10
D-EB 18/22 A		3009320	10
VS-UK 10,3-HESI A 2POL		1045725	10
VS-UK 10,3-HESI A 3POL		1045726	10
DP-UK 10,3-HESI A		1045724	10

Terminal blocks – Classic

UK universal modular terminal blocks

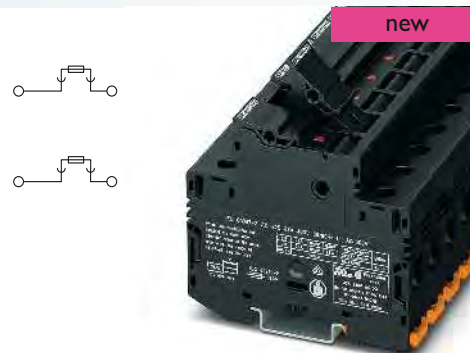
Lever-type fuse terminal blocks for photovoltaics UK 10.3-HESI A 1000 V

- Terminal blocks for protecting PV lines
- Suitable for PV fuse-links in accordance with IEC 60269-6
- Dielectric strength up to 1000 V DC
- Light indicator indicates that a fuse has tripped
- The spacers are used for improved heat dissipation, particularly when installing the fuse terminal blocks in compact control boxes

Fuses

- Fuse with gPV characteristic in accordance with IEC 60269-6
- Use in PV lines with a nominal voltage of up to 1000 V DC
- Safe shutdown even in the event of short-circuit currents that are just above the nominal current

Notes:
For tools for stripping and crimping solar cables and connectors, see Catalog 3.
Disconnect terminal blocks with 1000 V and diode terminal blocks STME ... HV see page 237.
For test disconnect terminal block PTME 6 HV, see page 348.
For detailed information on PV applications and power dissipation data, see phoenixcontact.net/products
For further fuse inserts with UL approval, see phoenixcontact.net/products
1) If the fuse is faulty, the downstream circuit is not off load.
2) The current and voltage are determined by the fuse.



25 (25) mm², 32 A, 1000 V, lever-type fuse terminal block for midget fuses 10.3 x 38 mm

Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Rated cross section	[mm ²]
Cross section range	AWG
Connection capacity	
1 conductor	[mm ²]
2 conductors (of the same type)	[mm ²]
2 flexible conductors with a TWIN ferrule	[mm ²]
Max. cross section with insertion bridge	[mm ²]
General data	
Fuse type / dimensions	– / [mm]
Stripping length	[mm]
Screw thread	
Tightening torque	[Nm]
Insulating material	
Flammability rating in accordance with UL 94	

Technical data			
Width	Length	Height NS 35/7,5	
17.8	80.7	68.3	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
32²)	1000²)	0.75 - 25	-
IEC 60269-1/-2			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1000²)	-	-	-
32 / 16	-	-	-
16	-	-	-
16 - 3	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.75 - 25	0.75 - 25	0.75 - 16	0.75 - 16
0.75 - 10	0.75 - 10	0.75 - 6	-
-	-	-	-
10	10	-	-
10:3 x 38 mm			
12 - 14			
M4			
1.5 - 1.8			
PA			
V0			

Description	No. of pos.	Color
Fuse terminal block , for mounting on NS 35..., for Midget fuse inserts 10.3 x 38 mm ¹⁾		black
with LED for 400 - 1000 V DC		black
Midget fuse , 10.3 x 38 mm, nominal current: 2 A		white
Nominal current: 4 A		white
Nominal current: 6 A		white
Nominal current: 8 A		white
Nominal current: 10 A		white
Nominal current: 12 A		white
Nominal current: 16 A		white
Nominal current: 20 A		white
Nominal current: 25 A		white

Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
UK 10.3-HESI A 1000V		1045720	10
UK 10.3-HESILED A 1000V		1045723	10



Insertion bridge, divisible, insulated spine		
1-phase	gray	
1-phase	gray	
1-phase	gray	
1-phase	gray	
1-phase	gray	
1-phase	gray	
Insertion bridge , width: 22 mm, can be disconnected, comb back isolated		
1-phase	gray	
1-phase	gray	
1-phase	gray	
1-phase	gray	
Insulation cover , for bridges		
	gray	
Spacer for neighboring fuse terminal block, width: 4.5 mm		
	gray	

Accessories			
EB 2-18 A	76 A	3009310	10
EB 3-18 A	76 A	3009311	10
EB 4-18 A	76 A	3009313	10
EB 8-18 A	76 A	3009314	10
EB 16-18 A	76 A	1006832	10
EB 56-18 A	76 A	3009315	10
EB 4-22 A	76 A	3009316	10
EB 8-22 A	76 A	3009318	10
EB 16-22 A	76 A	1006839	10
EB 56-22 A	76 A	3009319	10
D-EB 18/22 A		3009320	10
DP-UK 10.3-HESI A		1045724	10



**10.3 x 38 mm midget fuse inserts,
2 A – 20 A**

ERC

Technical data			
Width	Length	Height NS 35/7,5	
-	38	-	
	$U_{max.}$ [V]	max. $\varnothing$ [mm ²]	AWG (UL)
	1000	-	-
IEC 60269-6			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1000	-	-	-
2 / -	-	-	-
-	-	-	-
-	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-			
-			
-			
-			
V0			

Ordering data		
Type	Order No.	Pcs./Pkt.
FUSE 10,3X38 2A PV	3061295	10
FUSE 10,3X38 4A PV	3061305	10
FUSE 10,3X38 6A PV	3061318	10
FUSE 10,3X38 8A PV	3061321	10
FUSE 10,3X38 10A PV	3061334	10
FUSE 10,3X38 12A PV	3061347	10
FUSE 10,3X38 16A PV	3061350	10
FUSE 10,3X38 20A PV	3061363	10
FUSE 10,3X38 25A PV	3061364	10

Accessories		

Terminal blocks – Classic

UK universal modular terminal blocks

UK screw connection lever-type fuse terminal block for photovoltaics, 1500 V

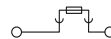
Fuse terminal block

- Terminal block for protecting PV strings in accordance with IEC 60947-3 / IEC 60269
- Suitable for PV fuse-links in accordance with IEC 60269-6
- Dielectric strength up to 1500 V DC
- Generous labeling options for the unique identification of lines

Fuses

- Fuse with gPV characteristic in accordance with IEC 60269-6
- Use in PV lines with a nominal voltage of up to 1500 V DC
- Safe shutdown even in the event of short-circuit currents that are just above the nominal current

Notes:
The rated voltage is 1250 V and the maximum operating voltage is 1500 V.
Higher ambient temperatures are an additional strain on fuse inserts. In applications of this kind, the shift of the rated current should be taken into consideration accordingly.
For tools for stripping and crimping solar cables and connectors, see Catalog 3.
For detailed information on applications and power dissipation data, see phoenixcontact.net/products
¹⁾ The current and voltage are determined by the fuse.
²⁾ Maximum operating voltage 1500 V.



25 (25) mm², 32 A, 1500 V, lever-type fuse terminal block for midjet fuses 10.3 x 85 mm

Dimensions	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Rated cross section	[mm ²]
Cross section range	AWG
Connection capacity	
1 conductor	[mm ²]
2 conductors (of the same type)	[mm ²]
2 flexible conductors with a TWIN ferrule	[mm ²]
General data	
Fuse type / dimensions	– / [mm]
Stripping length	[mm]
Screw thread	
Tightening torque	[Nm]
Insulating material	

Technical data			
Width	Length	Height NS 35/7,5	
23	130	65.5	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
32¹)	1500²)	2.5 - 25	-
IEC 60269-1/-2			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1500³)	-	-	-
32¹) / 16	-	-	-
25	-	-	-
14 - 4	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
2.5 - 25	2.5 - 25	2.5 - 16	2.5 - 16
0.75 - 10	0.75 - 10	0.75 - 10	-
-	-	-	-
gG / gPV / 10.3 x 85			
14			
M5			
- 2.5			
PA			

Description	Color
Fuse terminal block , for mounting on NS 35..., for 10 x 85 mm cartridge fuse inserts	black
Midjet fuse , 10.3 x 85 mm, 1500 V, nominal current: 2 A	white
Nominal current: 4 A	white
Nominal current: 6 A	white
Nominal current: 8 A	white
Nominal current: 10 A	white
Nominal current: 12 A	white
Nominal current: 16 A	white
Midjet fuse , 10.3 x 85 mm, 1200 V, nominal current: 20 A	white
Nominal current: 25 A	white

Ordering data		
Type	Order No.	Pcs./Pkt.
UK 10,3-HESI A 1500V	1069842	5

Partition plate, 2 mm wide	gray
Screwdriver	
Center groove labeling	

Accessories		
TPN-UK	3003062	10
SF-SL 0,6X3,5-100 S-VDE	1212587	10
EML (16,5X5)R (see Catalog 3)		





FUSE insert, 10.3 x 85 mm, 2 - 16 A, 1500 V



FUSE insert, 10.3 x 85 mm, 20 - 25 A, 1200 V

EAC

Technical data			
Width	Length	Height NS 35/7,5	
-	85	-	
U _{max.} [V]	max. Ø [mm²]	AWG (UL)	
1500	-	-	
IEC 60269-6			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1500	-	-	-
2 / -	-	-	-
-	-	-	-
-	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
-	-	-	-
-	-	-	-
-	-	-	-

-

-

-

-

-

Ordering data		
Type	Order No.	Pcs./Pkt.
FUSE 10,3X85 2A PV	3062766	10
FUSE 10,3X85 4A PV	3062767	10
FUSE 10,3X85 6A PV	3062768	10
FUSE 10,3X85 8A PV	3062769	10
FUSE 10,3X85 10A PV	3062770	10
FUSE 10,3X85 12A PV	3062771	10
FUSE 10,3X85 16A PV	3062772	10

Accessories		

EAC

Technical data			
Width	Length	Height NS 35/7,5	
-	85	-	
U _{max.} [V]	max. Ø [mm²]	AWG (UL)	
1200	-	-	
IEC 60269-6			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1200	-	-	-
20 / -	-	-	-
-	-	-	-
-	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
-	-	-	-
-	-	-	-
-	-	-	-

-

-

-

-

-

Ordering data		
Type	Order No.	Pcs./Pkt.
FUSE 10,3X85 20A PV	3062773	10
FUSE 10,3X85 25A PV	3062774	10

Accessories		

Disconnect terminal blocks



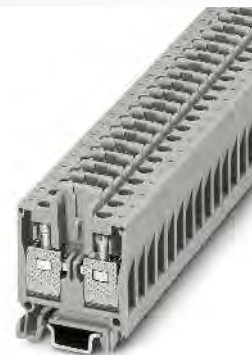
- Disconnect terminal block with universal disconnect zone for accommodating fuse connectors, component connectors, and isolating connectors
- Design width of just 6.2 mm
- The terminal blocks are available in different basic forms
- Mini-strip terminal blocks MBK 5
- Universal terminal blocks UK 5 N
- Double terminal blocks UDK 4
- Double-level terminal blocks UKK 5

Notes:

Three- or four-conductor basic actuator terminal blocks DOK 1,5-TG, DOKD 1,5-TG and VIOK 1,5-D/TG/D/PE with disconnect function can be found on page 485 onwards

For fuse, component and isolating connectors, see page 508.

¹⁾ The current and voltage are determined by the component and fuse connector.



4 (4) mm², 16 A, disconnect terminal block



Technical data

Dimensions		Width	Length	Height NS 35/7,5
		6.2	28	-
Dimensions		Width	Length	Height NS 15
		6.2	28	36
Dimensions		Width	Length	Height NS 32
		6.2	28	-
Maximum electrical data				
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
16 ¹⁾	500 ¹⁾	0.2 - 4	28-12	
IEC 60947-7-1				
Rated data		UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	500 ¹⁾	300	300
Nominal current / cross section	[A] / [mm ²]	16 / 4	20 / -	15 / -
Rated cross section	[mm ²]	4	-	-
Cross section range	AWG	24 - 12	28-12	28-12
Rated data, upper level		IEC	UL / CUL	CSA
Nominal current / cross section	[A] / [mm ²]	- / -	- / -	- / -
Connection capacity		Rigid	Flexible	Ferrule
1 conductor	[mm ²]	0.2 - 4	0.2 - 4	without/with plastic sleeve
2 conductors (of the same type)	[mm ²]	0.2 - 1.5	0.2 - 1.5	0.25 - 2.5
2 flexible conductors with a TWIN ferrule	[mm ²]			0.25 - 1.5
Max. cross section with insertion bridge	[mm ²]			0.5 - 1.5
General data				
Stripping length	[mm]	9		
Screw thread		M3		
Tightening torque	[Nm]	0.5 - 0.6		
Insulating material		PA		
Flammability rating in accordance with UL 94		V2		

Description	No. of pos.	Color
Basic terminal block, for component and fuse connectors		gray
Basic terminal block, with test socket screws on both sides		gray

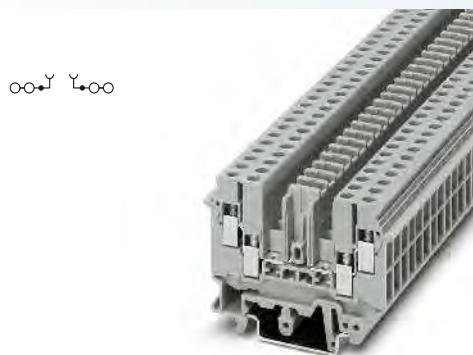
Cover, width: 1 mm		gray
Cover, width: 1.5 mm		gray
Fixed bridge, isolated	10	silver
Insertion bridge, insulated		
	2	gray
	3	gray
	10	gray
Isolator bridge bar, divisible, with 10 screws, for switchable branches with IS-K...	10	silver
Bridge bar isolator, as distance piece for isolator bridge bar		gray
Screwdriver		
Lateral groove labeling		

Ordering data

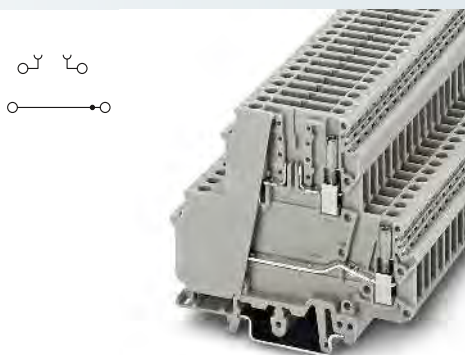
Type	I_{max}	Order No.	Pcs./Pkt.
MBK 5/E-TG		1415089	50

Accessories

D-MBK 5/E-T		1413706	50
EB 2- 6	16 A	0201155	100
EB 3- 6	16 A	0201142	100
EB 10- 6	16 A	0201139	10
SF-SL 0,6X3,5-100 S-VDE		1212587	10



4 (6) mm², 16 A, disconnect terminal block



4 (4) mm², 26 A, double-level terminal block with disconnect zone



Technical data			
Width	Length	Height NS 35/7,5	
6.2	63.5	47	
Width	Length	Height NS 15	
6.2	63.5	-	
Width	Length	Height NS 32	
6.2	63.5	52	
I_{max} [A]	U_{max} [V]	max. Ø [mm²]	AWG (UL)
16 ¹⁾	400	0.2 - 6	30-12
IEC 60947-7-1	UL / CUL	CSA	IEC/ EN 60079-7
400	300	-	-
16 / 4	15 / -	- / -	-
4	-	-	-
24 - 10	30-12	-	-
IEC	UL / CUL	CSA	IEC/ EN 60079-7
- / -	- / -	- / -	- / -
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 6	0.2 - 4	0.25 - 4	0.25 - 1.5
0.2 - 1	0.2 - 1.5	0.25 - 1.5	-
			0.5 - 1
2.5	2.5		
8			
M3			
0.6 - 0.8			
PA			
V2			

Technical data			
Width	Length	Height NS 35/7,5	
6.2	80	68.5	
Width	Length	Height NS 15	
6.2	80	-	
Width	Length	Height NS 32	
6.2	80	56	
I_{max} [A]	U_{max} [V]	max. Ø [mm²]	AWG (UL)
26	400 ¹⁾	0.2 - 4	26-12
IEC 60947-7-1	UL / CUL	CSA	IEC/ EN 60079-7
400 ¹⁾	-	300	-
26 / 4	- / -	15 / -	-
4	-	-	-
24 - 12	26-12	28-12	-
IEC	UL / CUL	CSA	IEC/ EN 60079-7
16 / 4	15 / -	- / -	- / -
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 4	0.25 - 4	0.25 - 2.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
			0.5 - 2.5
4	4		
8			
M3			
0.6 - 0.8			
PA			
V2			

Ordering data			
Type	I_{max}	Order No.	Pcs./Pkt.
UDK 4-TG		2777014	50

Ordering data			
Type	I_{max}	Order No.	Pcs./Pkt.
UKK 5-TG		3007042	50

Accessories			
D-UDK-RELG		2777027	50
FBI 10- 6	16 A	0203250	10
EB 2- 6	16 A	0201155	100
EB 3- 6	16 A	0201142	100
EB 10- 6	16 A	0201139	10
SF-SL 0,6X3,5-100 S-VDE		1212587	10
ZB 6 (see Catalog 3)			

Accessories			
FBI 10- 6	26 A	0203250	10
EB 2- 6	22 A	0201155	100
EB 3- 6	22 A	0201142	100
EB 10- 6	22 A	0201139	10
ISSBI 10- 6	26 A	0301505	10
IS-K 4		1302338	100
SZG 0,6X3,5 VDE		1205121	10
ZB 6 (see Catalog 3)			

Terminal blocks – Classic

UK universal modular terminal blocks

Connectors for disconnect terminal blocks in the UK series

- The fuse connector ST-SI-UK 4 for 5 x 20 mm cartridge fuse inserts is available with and without a LED display
- The component connector ST-BE is available as an individual connector for two-pos. components and as a double connector

Notes:
1) If the fuse is faulty, the downstream circuit is not off load.
2) Integrated: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 1.0 A
3) With single arrangement.
4) Integrated: Rectifier module B 250 C 1500, reverse voltage: 600 V, nominal voltage: 250 V, nominal current: 1.5 A



**Fuse connector
for 5 x 20 mm cartridge fuses**



**Component connector
for 2 and 4-pos. components**



Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]
Rated cross section	[mm²]
Cross section range	AWG
General data	
Insulating material	PA
Flammability rating in accordance with UL 94	V2

Technical data				
IEC	UL / CUL	CSA	IEC/ EN 60079-7	
250	300	300	-	
6.3 / -	6.3 / -	10 / -	-	
-	-	-	-	
-	-	-	-	

Technical data				
IEC	UL / CUL	CSA	IEC/ EN 60079-7	
-	300	-	-	
16 / -	10 / -	-	-	
2.5	-	-	-	
-	30-14	-	-	

Description	Color
Fuse plug , for cartridge fuse inserts 5 x 20 mm, 26.5 mm high, max 6.3 A	black
Fuse connector , for cartridge fuse inserts, 5 x 20 mm, 26.5 mm high, max. 6.3 A, with LED display, for 5 - 15 V AC/DC ¹⁾	black
with LED for 15-30 V AC/DC	black
with LED for 30-60 V AC/DC	black
with LED for 110-250 V AC/DC	black
Component connector , for switching on 2-pos. components in the basic terminal block, fixing at screw terminal points, 19 mm high, max 16 A ³⁾	gray
Component connector , to connect 2-pos. components into the basic terminal block, 19 mm high, with LED for 24 V AC/DC	gray
with LED for 230 V AC/DC	gray
Component connector , to connect 2-pos. components into the basic terminal block, with diode 1N 4007, 19 mm high ²⁾	gray
Component plug , for 4-pos. components, two basic terminal blocks required per plug, with bridge rectifier B 250 C 1500, 19 mm high ⁴⁾	gray
Isolating connector , 13.5 mm high, max. 16 A	gray

Ordering data			
Type	Order No.	Pcs./Pkt.	
ST-SI-UK 4	0921011	50	
ST-SI-LED 12-UK 4	0921024	50	
ST-SI-LED 24-UK 4	0921037	50	
ST-SI-LED 60-UK 4	0921040	50	
ST-SI-LED 250-UK 4	0921053	50	
ST-BE	2802316	10	
ST-BE-LA 24	2802374	10	
ST-BE-LA230	2802387	10	
ST-1N4007	2802329	10	
ST-B250C1500	2802345	10	
ST-K 4	5025462	50	

Ordering data			
Type	Order No.	Pcs./Pkt.	
ST-SI-UK 4	0921011	50	
ST-SI-LED 12-UK 4	0921024	50	
ST-SI-LED 24-UK 4	0921037	50	
ST-SI-LED 60-UK 4	0921040	50	
ST-SI-LED 250-UK 4	0921053	50	
ST-BE	2802316	10	
ST-BE-LA 24	2802374	10	
ST-BE-LA230	2802387	10	
ST-1N4007	2802329	10	
ST-B250C1500	2802345	10	
ST-K 4	5025462	50	

Accessories	
Plug pliers , simplify removing the isolating plug from a closed row of terminal blocks	
Center groove labeling	

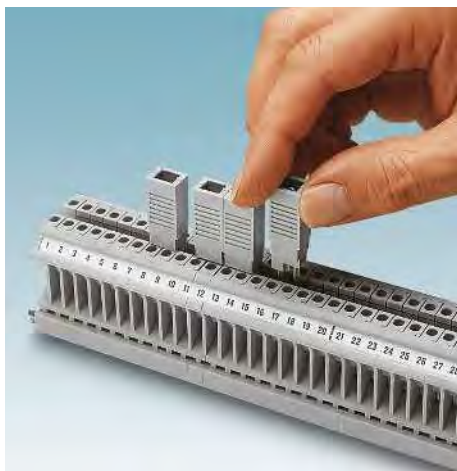
Accessories			

Accessories			
TZ	0306704	10	
ZB 6 (see Catalog 3)			

Terminal blocks – Classic

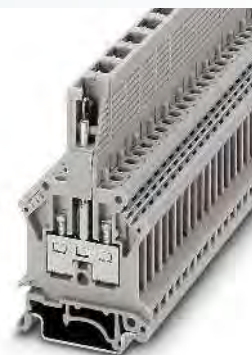
UK universal modular terminal blocks

Component connectors, BES 6



Notes:

1) Integrated: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 1.0 A



Component connector

- Advantageous when adding any 2-pos. components, such as diodes or varistors, between two neighboring feed-through terminal blocks at a later date
- Is supplied as a set with two female connectors
- The female connectors are screwed into the center thread of the feed-through terminal blocks. They are of different lengths, which determines the correct functional direction (corresponds to the vertically offset multiple-spring wire plugs) and prevents confusion later on
- If several BES 6 connectors are fitted next to each other, separating disks should be provided between the pairs of terminal blocks in order to prevent incorrect plugging
- To insert the components, the upper half of the housing is lifted, thus exposing the connector pins for soldering
- Versions are available with a LED display or diode. These serve as a protective circuit for DC loads

The connector can be used with the terminal blocks:

- MBK 5: Dimension a = 64 mm on DIN rail NS 15
- MBK 5/E-Z: Dimension a = 68 mm on DIN rail NS 15
- UK 5 N: Dimension a = 75 mm on DIN rail NS 35/7,5
- UKK 5: Dimension a = 92 mm on DIN rail NS 35/7,5
- UKKB 5: Dimension a = 92 mm on DIN rail NS 35/7,5
- UVKB 4: Dimension a = 76 mm on DIN rail NS 35/7,5

General data

Insulating material
Flammability rating in accordance with UL 94

Description

Component plug, complete, for connection of components between two neighboring feed-through terminal blocks

gray

Component plug, complete, for connection of components between two neighboring feed-through terminal blocks, with diode 1N 4007¹⁾

gray

Component plug, with LED display, 15 - 30 V DC

gray

Component plug, with LED display, 110 - 250 V AC/DC

gray

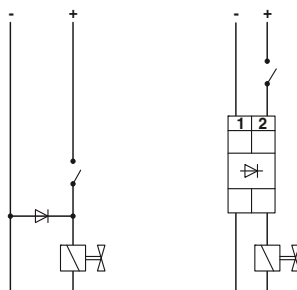
ERC

Technical data

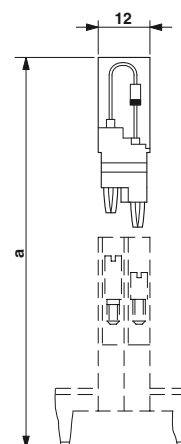
PA
V2

Ordering data

Type	Order No.	Pcs./Pkt.
BES 6	2802549	10
BES 6-1N4007	2802552	10
BES 6-LA 24	2802565	10
BES 6-LA230	2802578	10



Damping diode with feed-through terminal blocks and BES 6



Construction: BES 6

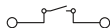
Terminal blocks – Classic

UK universal modular terminal blocks

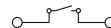
Knife disconnect terminal blocks MTK ...

For maintenance work or rapid troubleshooting, these disconnect terminal blocks are used in measurement, closed-loop control and single-loop control systems:

- Convenient disconnect knife operation
- Space-saving design
- High current-carrying capacity up to 16 A
- Versions with integrated test socket screws



2.5 (4) mm², 16 A, knife disconnect terminal block with test socket screw



2.5 (4) mm², 16 A, knife disconnect terminal block



Dimensions	
	[mm]
Dimensions	
	[mm]
Maximum electrical data	
Rated data	
	[V]
Rated voltage	400
Nominal current / cross section	[A] / [mm²]
Rated cross section	16 / 2.5
Cross section range	2.5 - 12
Connection capacity	
	[mm²]
1 conductor	0.2 - 4
2 conductors (of the same type)	0.2 - 1.5
2 flexible conductors with a TWIN ferrule	-
Max. cross section with insertion bridge	4
General data	
Stripping length	7
Screw thread	M3
Tightening torque	0.5 - 0.6
Insulating material	PA
Flammability rating in accordance with UL 94	V0

Technical data			
Width	Length	Height NS 35/7,5	
5.2	46	51.5	
Width	Length	Height NS 32	
5.2	46	56.5	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
16	400	0.2 - 4	28-12
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
400	300	300	-
16 / 2.5	10 / -	15 / -	-
2.5	-	-	-
24 - 12	28-12	28-12	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 1.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 1.5
4	2.5	-	-
7			
M3			
0.5 - 0.6			
PA			
V0			

Technical data			
Width	Length	Height NS 35/7,5	
5.2	46	51.5	
Width	Length	Height NS 32	
5.2	46	56.5	
I _{max.} [A]	U _{max.} [V]	max. Ø [mm²]	AWG (UL)
16	400	0.2 - 4	28-12
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
400	300	300	-
16 / 2.5	10 / -	15 / -	-
2.5	-	-	-
24 - 12	28-12	28-12	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 1.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 1.5
4	2.5	-	-
7			
M3			
0.5 - 0.6			
PA			
V0			

Description	No. of pos.	Color
Knife disconnect terminal block, for mounting on NS 32... or NS 35..., with test socket screws on both sides		gray
		blue
Knife disconnect terminal block, for mounting on NS 32... or NS 35..., with screw connection on both sides		gray
		blue
Feed-through terminal block, without disconnect knife, with test socket screws with screw connection		gray
Knife disconnect terminal block, for mounting on NS 32... or NS 35..., with test socket screws on both sides, bridgeable in both levels		gray
		blue
Without test socket screws		gray
Knife disconnect terminal block, for mounting on NS 35...		gray

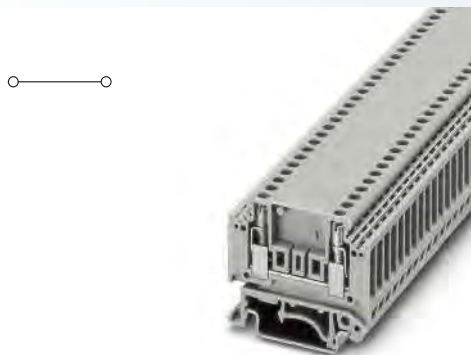
Ordering data				
Type	I _{max}	Order No.	Pcs./Pkt.	
MTK-P/P		3104013	50	
MTK-P/P BU		3104097	50	

Ordering data				
Type	I _{max}	Order No.	Pcs./Pkt.	
MTK		3101016	50	
MTK BU		3101197	50	

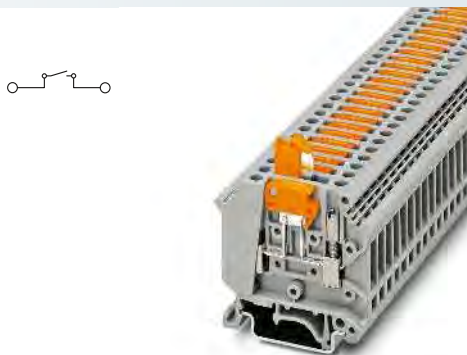
Accessories		
Cover, width: 1 mm	gray	
	blue	
Insertion bridge, insulated		
	2	gray
	3	gray
	10	gray
Partition plate, for visual and electrical separation of terminal groups, 1.0 mm thick		gray
Screwdriver		
Lateral groove labeling		

Accessories				
D-MTK		3101029	50	
D-MTK BU		3101090	50	
EBL 2- 5	12 A	2303145	10	
EBL 3- 5	12 A	2303158	10	
EBL 10- 5	12 A	2303132	10	
ATS-MTK		3101223	50	
SZG 0,6X3,5 VDE		1205121	10	
ZB 5 (see Catalog 3)				

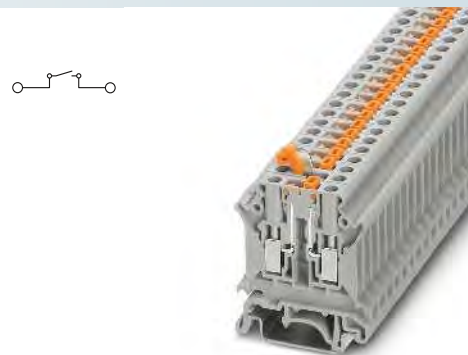
Accessories				
D-MTK		3101029	50	
D-MTK BU		3101090	50	
EBL 2- 5	12 A	2303145	10	
EBL 3- 5	12 A	2303158	10	
EBL 10- 5	12 A	2303132	10	
ATS-MTK		3101223	50	
SF-SL 0,6X3,5-100 S-VDE		1212587	10	
ZB 5 (see Catalog 3)				



2.5 (4) mm², 16 A, feed-through terminal block, with test socket screw



4 (6) mm², 20 A, knife disconnect terminal block with test socket screw



4 (6) mm², 16 A, knife disconnect terminal block



Technical data			
Width	Length	Height NS 35/7,5	
5.2	46.2	39.9	
Width	Length	Height NS 32	
5.2	46.2	44.9	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
16	400	0.2 - 4	28-12
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
400	300	600	-
16 / 2.5	10 / -	20 / -	-
2.5	-	-	-
24 - 12	28-12	28-12	-
Rigid	Flexible	Ferrule	
		without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 1.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 1.5
4	2.5	-	-
7			
M3			
0.5 - 0.6			
PA			
V0			

Technical data			
Width	Length	Height NS 35/7,5	
6.2	51	58.5	
Width	Length	Height NS 32	
6.2	51	63.5	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
20	500	0.2 - 6	22-12
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	600	-	-
20 / 2.5	15 / -	-	-
4	-	-	-
24 - 10	22-12	-	-
Rigid	Flexible	Ferrule	
		without/with plastic sleeve	
0.2 - 6	0.2 - 4	0.25 - 4	0.25 - 2.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 2.5
4	4	-	-
8			
M3			
0.5 - 0.6			
PA			
V0			

Technical data			
Width	Length	Height NS 35/7,5	
6.2	42.5	48.7	
Width	Length	Height NS 32	
6.2	42.5	53.7	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
16	500	0.2 - 6	20-10
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	600	-	-
16 / 1.5	15 / -	-	-
4	-	-	-
24 - 10	20-10	-	-
Rigid	Flexible	Ferrule	
		without/with plastic sleeve	
0.2 - 6	0.2 - 4	0.25 - 4	0.25 - 2.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 2.5
4	4	-	-
8			
M3			
0.6 - 0.8			
PA			
V0			

Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
MTKD-P/P		3100020	50
MTKD		3100017	50

Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
UK 5-MTK-P/P		3004032	50
UK 5-MTK-P/P BU		3004058	50
UK 5-MTK		3004430	50

Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
UK 5 N-MT		3000563	50

Accessories			
D-MTK		3101029	50
D-MTK BU		3101090	50
EBL 2- 5	12 A	2303145	10
EBL 3- 5	12 A	2303158	10
EBL 10- 5	12 A	2303132	10
ATS-MTK		3101223	50
SZG 0,6X3,5 VDE		1205121	10
ZB 5 (see Catalog 3)			

Accessories			
D-UK 4/10		3003020	50
EB 2- 6	12 A	0201155	100
EB 3- 6	12 A	0201142	100
EB 10- 6	12 A	0201139	10
ATP-UK 5-MTK		3004210	50
SZG 0,6X3,5 VDE		1205121	10
UC-TM 6, UCT-TM 6 or ZB 6 (see Catalog 3)			

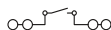
Accessories			
D-UK 4/10		3003020	50
D-UK 4/10 BU		3003101	50
EB 2- 6	16 A	0201155	100
EB 3- 6	16 A	0201142	100
EB 10- 6	16 A	0201139	10
SF-SL 0,6X3,5-100 S-VDE		1212587	10
UC-TM 6, UCT-TM 6 or ZB 6 (see Catalog 3)			

Terminal blocks – Classic

UK universal modular terminal blocks

Knife disconnect terminal blocks

- Convenient disconnect knife operation
- Closed housing of double-level terminal blocks
- The disconnect knife on the associated level is characterized by a slight vertical offset
- Space-saving design just 6.2 mm wide



4 (6) mm², 16 A, knife disconnect terminal block, 4 connections, with test socket screw

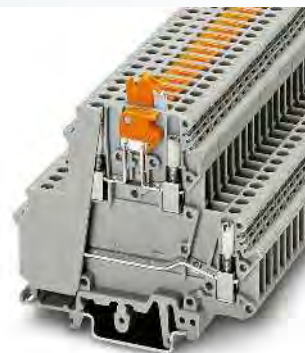
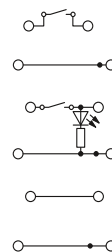


Dimensions	
	[mm]
Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]
Rated cross section	[mm²]
Cross section range	AWG
Rated data, upper level	
Nominal current / cross section	[A] / [mm²]
Connection capacity	
1 conductor	[mm²]
2 conductors (of the same type)	[mm²]
2 flexible conductors with a TWIN ferrule	[mm²]
Max. cross section with insertion bridge	[mm²]
General data	
Stripping length	[mm]
Screw thread	
Tightening torque	[Nm]
Insulating material	
Flammability rating in accordance with UL 94	

Technical data				
Width	Length	Height NS 35/7,5		
6.2	63.5	47		
Width	Length	Height NS 32		
6.2	63.5	52		
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)	
16	630	0.2 - 6	30-10	
IEC 60947-7-1				
IEC	UL / CUL	CSA	IEC/ EN 60079-7	
630	600	600	-	
16 / 4	15 / -	15 / -	-	
4	-	-	-	
24 - 10	30-10	22-10	-	
IEC				
IEC	UL / CUL	CSA	IEC/ EN 60079-7	
-	-	-	-	
Rigid				
Flexible				
without/with plastic sleeve				
0.2 - 6	0.2 - 4	0.25 - 4	0.25 - 1.5	
0.2 - 1	0.2 - 1.5	0.25 - 1.5	-	
-	-	-	0.5 - 1	
2.5	2.5	-	-	

Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
UDK 4-MTK-P/P		2775210	50
UDK 4-MTK-P/P BU		2775223	50

Accessories			
D-UDK 4		2775113	50
D-UDK 4 BU		2775197	50
EB 2- 6	12 A	0201155	100
EB 3- 6	12 A	0201142	100
EB 10- 6	12 A	0201139	10
SF-SL 0,6X3,5-100 S-VDE		1212587	10
ZB 6 (see Catalog 3)			



4 (4) mm², 26 A, double-level knife disconnect terminal block, with test socket screw

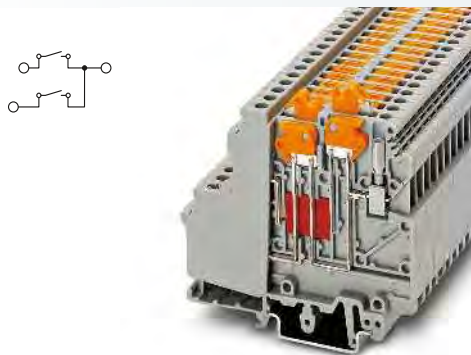


Technical data				
Width	Length	Height NS 35/7,5		
6.1	80	68		
Width	Length	Height NS 32		
6.1	80	73		
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)	
26	400	0.2 - 4	26-12	
IEC 60947-7-1				
IEC	UL / CUL	CSA	IEC/ EN 60079-7	
400	300	300	-	
26 / 4	-	15 / -	-	
4	-	-	-	
24 - 12	26-12	22-12	-	
IEC				
IEC	UL / CUL	CSA	IEC/ EN 60079-7	
12 / 4	-	-	-	
Rigid				
Flexible				
without/with plastic sleeve				
0.2 - 4	0.2 - 4	0.25 - 4	0.25 - 2.5	
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-	
-	-	-	0.5 - 1.5	
-	-	-	-	

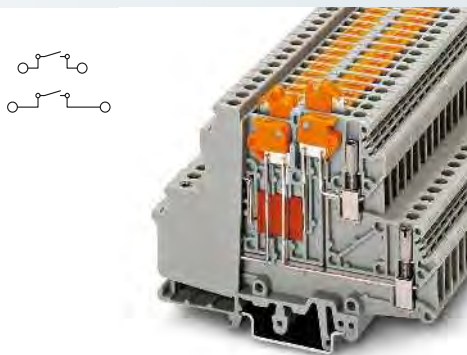
Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
UKK 5-MTK-P/P		2800004	50
UKK 5-MTK-P/P-LA 24RD/O-U		2800020	50
UKK 5-MTKD-P/P		2800017	50

Accessories			
FBI 10- 6	22 A	0203250	10
SZG 0,6X3,5 VDE		1205121	10
ZB 6 (see Catalog 3)			

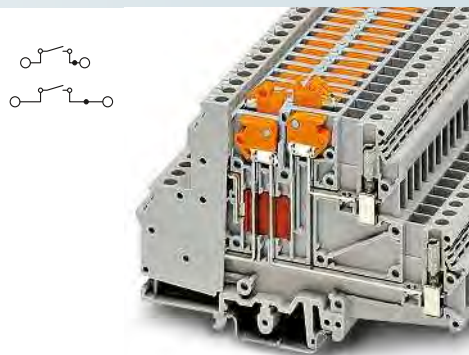
Description	No. of pos.	Color
Knife disconnect terminal block, for mounting on NS 32... or NS 35..., with test socket screws on both sides		gray
Knife disconnect terminal block, for mounting on NS 32... or NS 35..., with test socket screws on both sides, bridgeable in both levels		blue gray
Double-level terminal block, for mounting on NS 32... or NS 35..., with disconnect knife and LED display for 12 V DC		gray
Double-level terminal block, for mounting on NS 32... or NS 35..., with two through contacts, without LED display		gray
Cover, width: 1.5 mm		gray blue
Fixed bridge, isolated	10	silver
Insertion bridge, insulated	2 3 10	gray gray gray
Screwdriver		
Lateral groove labeling		



4 (4) mm², 8 A, feed-through terminal block,
3 connections, with two disconnect knives,
test socket screw



4 (4) mm², 10 A, double-level terminal block,
one disconnect knife per level,
test socket screw



4 (4) mm², 10 A, double-level terminal block,
one disconnect knife and bridge shaft per level,
test socket screw



Technical data			
Width	Length	Height NS 35/7,5	
6.2	76.5	68.5	
Width	Length	Height NS 32	
6.2	76.5	73.5	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
8	400	0.2 - 4	26-12
IEC 60947-7-1	UL / CUL	CSA	IEC/ EN 60079-7
400	300	300	-
8 / 4	8 / -	8 / -	-
4	-	-	-
24 - 12	26-12	28-12	-
IEC	UL / CUL	CSA	IEC/ EN 60079-7
8 / 4	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 4	0.25 - 4	0.25 - 2.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 2.5
-	-	-	-
8			
M3			
0.6 - 0.8			
PA			
V2			

Technical data			
Width	Length	Height NS 35/7,5	
6.2	93	68.5	
Width	Length	Height NS 32	
6.2	93	73.5	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
10	400	0.2 - 4	26-12
IEC 60947-7-1	UL / CUL	CSA	IEC/ EN 60079-7
400	300	300	-
10 / 4	10	15 / -	-
4	-	-	-
24 - 12	26-12	28-12	-
IEC	UL / CUL	CSA	IEC/ EN 60079-7
8 / 4	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 4	0.25 - 4	0.25 - 2.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 2.5
-	-	-	-
8			
M3			
0.6 - 0.8			
PA			
V2			

Technical data			
Width	Length	Height NS 35/7,5	
6.2	106	68.5	
Width	Length	Height NS 32	
6.2	106	73.5	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
10	400	0.2 - 4	-
IEC 60947-7-1	UL / CUL	CSA	IEC/ EN 60079-7
400	-	-	-
10 / 4	-	-	-
4	-	-	-
24 - 12	-	-	-
IEC	UL / CUL	CSA	IEC/ EN 60079-7
8 / 4	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 4	0.25 - 4	0.25 - 2.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 2.5
-	-	-	-
8			
M3			
0.5 - 0.6			
PA			
V2			

Ordering data		
Type	Order No.	Pcs./Pkt.
UDMTK 5-TWIN-P/P	3101126	50
UDMTK 5-TWIN-P/P BU	3101139	50

Ordering data		
Type	Order No.	Pcs./Pkt.
UDMTK 5-P/P	3101087	50
UDMTK 5-P/P BU	3101113	50

Ordering data			
Type	I_{max}	Order No.	Pcs./Pkt.
UDMTKB 5-P/P		3024478	50

Accessories		
SZG 0,6X3,5 VDE	1205121	10
ZB 6 (see Catalog 3)		

Accessories		
SZG 0,6X3,5 VDE	1205121	10
ZB 6 (see Catalog 3)		

Accessories			
FBI 10- 6	10 A	0203250	10
SZG 0,6X3,5 VDE		1205121	10
ZB 6 (see Catalog 3)			

Terminal blocks – Classic

UK universal modular terminal blocks

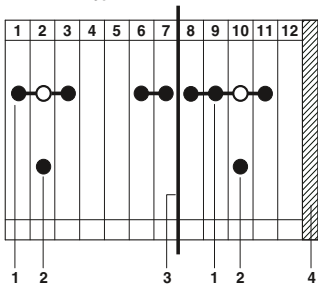
Slide-type terminal block UGSK/S

Disconnect terminal block URTK/SS



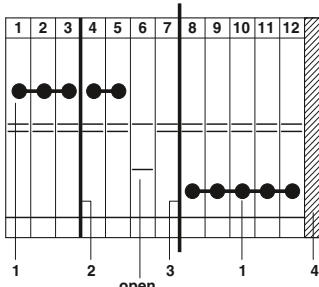
- Simple and clear testing in current transformer secondary circuits can be undertaken with the slide-type terminal block UGSK/S for cross switching
- Measurement equipment or protective relays can be individually activated with the aid of bridges and slides
- For this purpose, the slides make contact with the switching bridge depending on the switching task
- The URTK/SS allow the transformer test circuits to be designed to be very compact and clear

Slide-type terminal block UGSK/S



Type	Order no.
1 FB 10-GSK/S	0305174
2 GS-GSK/S	0305116
3 ATS-GSK	0304227
4 D-UGSK	0304023

Disconnect terminal block URTK/SS



Type	Order no.
1 FBRNI 10-6	2770626
2 TS-URTK/SS	0321213
3 ATS-URTK/SS	0321226
4 D-URTK/SS	0321022

Dimensions

[mm]

Dimensions

[mm]

Maximum electrical data

Rated data

Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]
Rated cross section	[mm²]
Cross section range	AWG

Connection capacity

1 conductor	[mm²]
2 conductors (of the same type)	[mm²]
2 flexible conductors with a TWIN ferrule	[mm²]

General data

Stripping length	[mm]
Terminal point: Thread / torque	- / [Nm]
Disconnect slide: Thread / torque	- / [Nm]

Insulating material
Flammability rating in accordance with UL 94

Description	No. of pos.	Color
Slide terminal block, for mounting on NS 32... or NS 35...		gray
Without slide		gray
Disconnect terminal block, for mounting on NS 32... or NS 35...		gray

Cover, width: 2.2 mm

Cover, width: 1 mm

Fixed bridge

10

Slide, for switchable connection along with FB 10-GSK/S or FB-GSK

silver

Separating plate, for separation of neighboring bridges in terminal center, width: 0.8 mm

gray

Separating disk, 0.8 mm wide

gray

Slide with a test socket, insulated, for the UGSK/S terminal block, M3.5 thread

transparent

white

red

blue

yellow

green

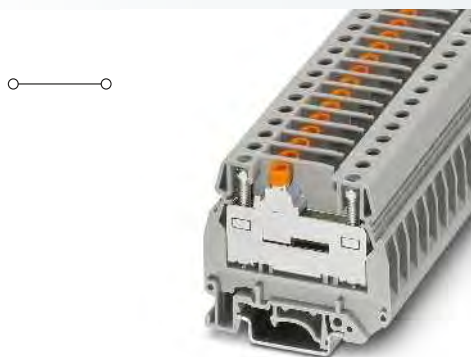
violet

gray

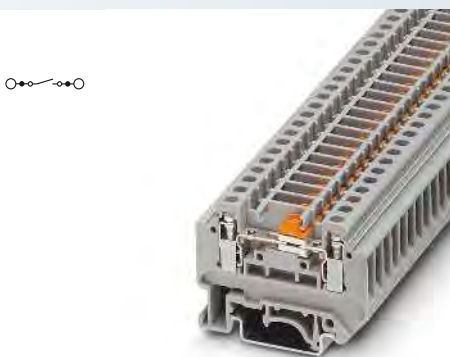
black

Screwdriver

Lateral groove labeling



6 (10) mm², 57 A, slide-type terminal block



4 (4) mm², 26 A, disconnect terminal block

EAC

UL US EAC

Technical data			
Width	Length	Height NS 35/7,5	
8.2	61	52.7	
Width	Length	Height NS 32	
8.2	61	57.6	
I_{max} [A]	U_{max} [V]	max. Ø [mm²]	AWG (UL)
57	500	0.5 - 10	-
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	-	-	-
41 / 6	-	-	-
6	-	-	-
20 - 8	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 4
0.5 - 1.5	0.5 - 4	0.5 - 4	-
-	-	-	0.5 - 4
11			
M4 / 1.5 - 1.8			
- / -			
PA			
V2			

Ordering data			
Type	I_{max}	Order No.	Pcs./Pkt.
UGSK/S + GS		0313085	50
UGSK/S		0305080	50

Accessories			
D-UGSK		0304023	50
FB 10- GSK/S	43 A	0305174	10
GS-GSK/S		0305116	100
TS-GSK		0304214	50
ATS-GSK		0304227	50
PSBJ-GSK/S FARBLOS		0305394	10
PSBJ-GSK/S WH		0305310	10
PSBJ-GSK/S RD		0305323	10
PSBJ-GSK/S BU		0305336	10
PSBJ-GSK/S YE		0305349	10
PSBJ-GSK/S GN		0305352	10
PSBJ-GSK/S VT		0305365	10
PSBJ-GSK/S GY		0305378	10
PSBJ-GSK/S BK		0305381	10
SZS 1,0X4,0 VDE		1205066	10
ZB 8 (see Catalog 3)			

Technical data			
Width	Length	Height NS 35/7,5	
6.2	56.5	40	
Width	Length	Height NS 32	
6.2	56.5	45	
I_{max} [A]	U_{max} [V]	max. Ø [mm²]	AWG (UL)
26	400	0.2 - 4	28-12
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
400	300	300	-
26 / 4	20 / -	25 / -	-
4	-	-	-
24 - 12	28-12	28-12	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 4	0.25 - 4	0.25 - 2.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 2.5
7			
M3 / 0.6 - 0.8			
M2,6 / 0.5 - 0.6			
PA			
V0			

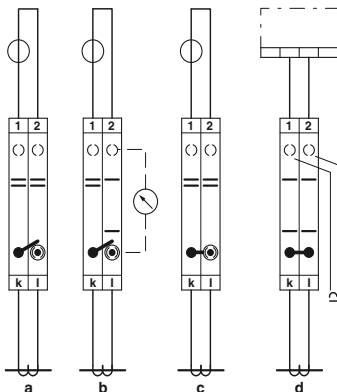
Ordering data			
Type	I_{max}	Order No.	Pcs./Pkt.
URTK/SS		0321019	50

Accessories			
D-URTK/SS		0321022	50
FBRNI 10-6 N	26 A	2770626	10
TS-URTK/SS		0321213	50
ATS-URTK/SS		0321226	100
SF-SL 0,6X3,5-100 S-VDE		1212587	10
ZB 6 (see Catalog 3)			

Terminal blocks – Classic

UK universal modular terminal blocks

Meas. transducer disconnect terminal block URTK/S ...

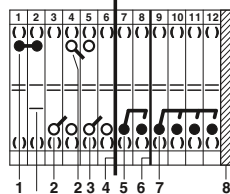


- Easy and clear testing in current transformer secondary circuits can be performed with the test disconnect terminal blocks of the URTK/S range
- On both sides of the disconnect point, the terminal block has a test socket which can also be used to switch across to neighboring terminal blocks
- The URTK/S-BEN ... terminal blocks are provided with test socket screws for test plugs with a 4 mm diameter

- All switching tasks with two terminal blocks per current transformer core can be implemented with the URTK/S and URTK/S-BEN 10 test disconnect terminal blocks

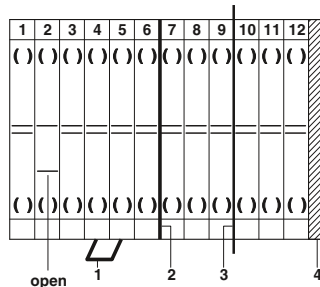
- a Normal operation
- b Measurement checking
- c Transformer short circuit
- d Relay checking

Test disconnect terminal block URTK/S



Type	Order no.
1 FB 10-RTK/S	0311171
2 USB 2-RTK/S	0311278
3 ASB 2-RTK/S	0311281
4 ATS-RTK	0310224
5 SB 2-RTK/S	0311236
6 TS-RTK	0310211
7 SB 4-RTK/S	0311265
8 D-URTK	0310020

Test disconnect terminal block URTK/S-BEN 10



Type	Order no.
1 EB 2-8	0202154
2 TS-RTK-BEN	0308210
3 ATS-RTK-BEN	0308223
4 D-URTK/S-BEN	0308029

Dimensions

[mm]

Dimensions

[mm]

Maximum electrical data

Rated data

Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]
Rated cross section	[mm²]
Cross section range	AWG

Connection capacity

1 conductor	[mm²]
2 conductors (of the same type)	[mm²]
2 flexible conductors with a TWIN ferrule	[mm²]
Max. cross section with insertion bridge	[mm²]

General data

Stripping length	[mm]
Terminal point: Thread / torque	- / [Nm]

Disconnect slide: Thread / torque - / [Nm]

Insulating material

Flammability rating in accordance with UL 94

Description	No. of pos.	Color
Terminal block, for mounting on NS 32... or NS 35...		gray

Cover, width: 2.2 mm gray

Insertion bridge, fully insulated

	2	gray
	3	gray
	4	gray
	10	gray

Fixed bridge, for cross connections on both sides of the disconnect point, divisible, with 10 screws 10 silver

Switching bridge for two terminal blocks, usable for both sides of the disconnect point, with 2 screws
Inward switching 2 silver
Outward switching 2 silver

Switch bar for 2 terminal blocks, with 2 screws 2 silver

Switching bridge, for 3-phase short-circuiting of linked current transformer sets, with 4 screws 4 silver

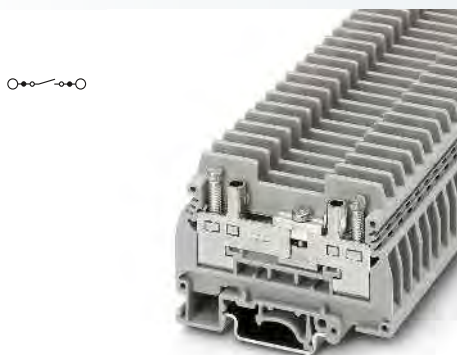
Separating plate, for electrical separation of neighboring bridges at the terminal center gray

Partition plate, for visual and electrical separation of terminal groups gray

Switching lock, excludes the possibility of an unintentional operation of the disconnect slide white

Screwdriver

Lateral groove labeling



6 (10) mm², 57 A, test disconnect
terminal block

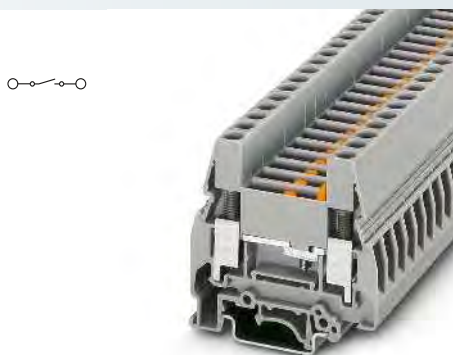


Technical data			
Width	Length	Height NS 35/7,5	
8.2	72	51.5	
Width	Length	Height NS 32	
8.2	72	56.5	
I_{max} [A]	U_{max} [V]	max. Ø [mm²]	AWG (UL)
57	400	0.5 - 10	-
IEC 60947-7-1	UL / CUL	CSA	IEC/ EN 60079-7
400	-	300	-
41 / 6	- / -	40 / -	-
6	-	-	-
20 - 8	-	26-10	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 4
0.5 - 2.5	0.5 - 6	0.5 - 4	-
-	-	-	0.5 - 4
-	-	-	-
13			
M4 / 1.2 - 1.5			
M3 / 0.6 - 0.8			
PA			
V0			

Ordering data			
Type	I_{max}	Order No.	Pcs./Pkt.
URTK/S		0311087	50

Accessories			
D-URTK		0310020	50
EB 2- 8	41 A	0202154	100
EB 3- 8	41 A	0202141	100
EB 4- 8	41 A	0202142	100
EB 10- 8	41 A	0202138	10
FB 10- RTK/S	41 A	0311171	10
USB 2-RTK/S	35 A	0311278	10
ASB 2-RTK/S	35 A	0311281	10
SB 2-RTK/S	35 A	0311236	10
SB 4-RTK/S	35 A	0311265	10
TS-RTK		0310211	50
ATS-RTK		0310224	50
S		0308359	100
SZS 1,0X4,0 VDE		1205066	10

ZB 8 (see Catalog 3)



10 (16) mm², 76 A, test disconnect
terminal block



Technical data			
Width	Length	Height NS 35/7,5	
8.2	61	58.5	
Width	Length	Height NS 32	
8.2	61	63.5	
I_{max} [A]	U_{max} [V]	max. Ø [mm²]	AWG (UL)
76	500	0.5 - 16	26-8
IEC 60947-7-1	UL / CUL	CSA	IEC/ EN 60079-7
500	600	600	-
57 / 10	50 / -	55 / -	-
10	-	-	-
20 - 6	26-8	26-8	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.5 - 16	0.5 - 10	0.5 - 10	0.5 - 6
0.5 - 6	0.5 - 4	0.5 - 6	-
-	-	-	0.5 - 4
10	10	-	-
11			
M4 / 1.5 - 1.8			
M3 / 0.6 - 0.8			
PA			
V0			

Ordering data			
Type	I_{max}	Order No.	Pcs./Pkt.
URTK/S-BEN 10		0309109	50

Accessories			
D-URTK/S-BEN		0308029	50
EB 2- 8	41 A	0202154	100
EB 3- 8	41 A	0202141	100
EB 4- 8	41 A	0202142	100
EB 10- 8	41 A	0202138	10
TS-RTK-BEN		0308210	50
ATS-RTK-BEN		0308223	100
SZG 0,9X6,5 VDE		1205134	10

ZB 8 (see Catalog 3)

Terminal blocks – Classic

UK universal modular terminal blocks

UK 6-T test disconnect terminal blocks

- Easy and clear testing in the current transformer secondary circuits can be performed using the UK 6-T test disconnect terminal block
- Compact design
- Switching bridges with and without test sockets

PROJECT complete planning enables the quick and convenient planning and configuration of error-free terminal strips.

Notes:

For additional test sockets, bridge bars, and separating disks, visit phoenixcontact.net/products



6 (10) mm², 57 A, disconnect terminal block, with test sockets



Dimensions	
	[mm]
Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Rated cross section	[mm ²]
Cross section range	AWG
Connection capacity	
1 conductor	[mm ²]
2 conductors (of the same type)	[mm ²]
2 flexible conductors with a TWIN ferrule	[mm ²]
General data	
Stripping length	[mm]
Terminal point: Thread / torque	- / [Nm]
Disconnect slide: Thread / torque	- / [Nm]
Torque: Test socket, fixed bridge, switch bar	[Nm]
Insulating material	PA
Flammability rating in accordance with UL 94	V0

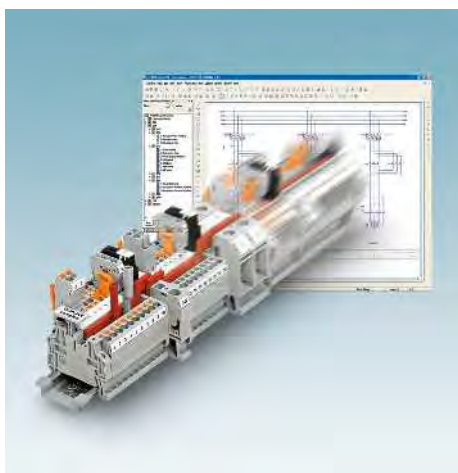
Technical data				
Width	Length	Height NS 35/7,5		
8.2	66.5	48		
Width	Length	Height NS 32		
8.2	66.5	53		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
57	500	0.5 - 10	26-8	
IEC 60947-7-1	UL / CUL	CSA	IEC/ EN 60079-7	
500	600	600	-	
41 / 6	30	30 / -	-	
6	-	-	-	
20 - 8	26-8	26-8	-	
Rigid		Flexible	Ferrule without/with plastic sleeve	
0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 6	
0.5 - 2.5	0.5 - 4	0.5 - 2.5	-	
-	-	-	0.5 - 4	

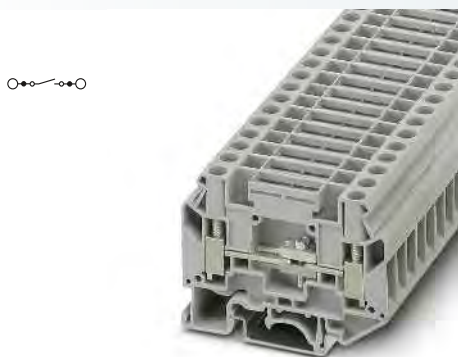
Description	No. of pos.	Color
Disconnect terminal block, with test sockets		gray
Disconnect terminal block		gray
Feed-through terminal block		gray

Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
UK 6-T-P		3072800	50

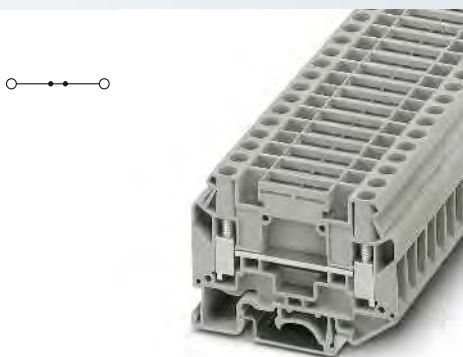
Cover, width: 2.2 mm		gray
Fixed bridge, 10-pos.	10	silver
Isolator bridge bar, 10-pos.	10	silver
Switching bridge	2	orange
	3	orange
	4	orange
Switching bridge, complete with test sockets	2	orange
	3	orange
	4	orange
Test socket		silver
Test socket, insulated		orange
Modular test plug housing, labeling with ZBF 8		red
4 mm Ø		silver
Short-circuit plug, for short circuiting neighboring terminal blocks, fully insulated, 2-pos., I _{max} 20 A		black
4-pos.		black
Screwdriver		
Lateral groove labeling		

Accessories			
D-UK 6-T		3072802	50
SCBI 10-8,15	24 A	3245134	10
SCBI 10-8,15 ISO	24 A	3000417	10
SB 6-T 2-8	32 A	3075842	10
SB 6-T 3-8	32 A	3075843	10
SB 6-T 4-8	32 A	3075844	10
SBP 6-T 2-8	32 A	3070321	10
SBP 6-T 3-8	32 A	3070322	10
SBP 6-T 4-8	32 A	3070323	10
TPS 3/20/5		3246586	10
PSBJ 6-T OG		3070320	10
PS-8/2,3MM RD		3048564	10
MPS-MT/ 4MM		3048577	10
KSS 8		0311540	10
KSS 4- 8		0309549	10
SF-SL 0,8X4,0-100 S-VDE		1212588	10
UC-TM 8, UCT-TM 8 or ZB 8 (see Catalog 3)			

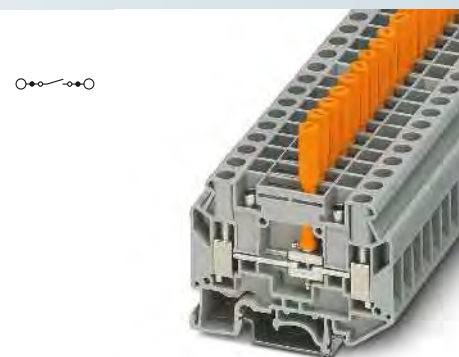




6 (10) mm², 57 A, disconnect terminal block



6 (10) mm², 57 A, feed-through terminal block



6 (10) mm², 57 A, disconnect terminal block



Technical data			
Width	Length	Height NS 35/7,5	
8.2	66.5	48	
Width	Length	Height NS 32	
8.2	66.5	53	
I_{max} [A]	U_{max} [V]	max. Ø [mm²]	AWG (UL)
57	500	0.5 - 10	26-8
IEC 60947-7-1	UL / CUL	CSA	IEC/ EN 60079-7
500	600	600	-
41 / 6	30	30 / -	-
6	-	-	-
20 - 8	26-8	26-8	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 6
0.5 - 2.5	0.5 - 4	0.5 - 2.5	-
-	-	-	0.5 - 4
10			
M4 / 1.5 - 1.6			
M3 / 0.6 - 0.8			
-			
PA			
V0			

Technical data			
Width	Length	Height NS 35/7,5	
8.2	66.5	48	
Width	Length	Height NS 32	
8.2	66.5	53	
I_{max} [A]	U_{max} [V]	max. Ø [mm²]	AWG (UL)
57	800	0.5 - 10	26-8
IEC 60947-7-1	UL / CUL	CSA	IEC/ EN 60079-7
800	600	600	-
41 / 6	30	30 / -	-
6	-	-	-
20 - 8	26-8	26-8	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 6
0.5 - 2.5	0.5 - 4	0.5 - 2.5	-
-	-	-	0.5 - 4
10			
M4 / 1.5 - 1.6			
- / -			
0.6 - 0.8			
PA			
V0			

Technical data			
Width	Length	Height NS 35/7,5	
8.2	66.5	66	
Width	Length	Height NS 32	
8.2	66.5	71	
I_{max} [A]	U_{max} [V]	max. Ø [mm²]	AWG (UL)
57	500	0.5 - 10	26-8
IEC 60947-7-1	UL / CUL	CSA	IEC/ EN 60079-7
500	600	600	-
41 / 6	30	30 / -	-
6	-	-	-
20 - 8	26-8	26-8	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 6
0.5 - 2.5	0.5 - 4	0.5 - 2.5	-
-	-	-	0.5 - 4
10			
M4 / 1.5 - 1.6			
- / -			
-			
PA			
V0			

Ordering data			
Type	I_{max}	Order No.	Pcs./Pkt.
UK 6-T		3072803	50

Ordering data			
Type	I_{max}	Order No.	Pcs./Pkt.
UKD 6		3072801	50

Ordering data			
Type	I_{max}	Order No.	Pcs./Pkt.
UK 6-TK-P		3072804	50

Accessories			
D-UK 6-T		3072802	50
SCBI 10-8,15	24 A	3245134	10
SCBI 10-8,15 ISO	24 A	3000417	10
SB 6-T 2-8	32 A	3075842	10
SB 6-T 3-8	32 A	3075843	10
SB 6-T 4-8	32 A	3075844	10
SBP 6-T 2-8	32 A	3070321	10
SBP 6-T 3-8	32 A	3070322	10
SBP 6-T 4-8	32 A	3070323	10
TPS 3/20/5		3246586	10
PSBJ 6-T OG		3070320	10
PS-8/2,3MM RD		3048564	10
MPS-MT/ 4MM		3048577	10
KSS 8		0311540	10
KSS 4-8		0309549	10
SF-SL 0,8X4,0-100 S-VDE		1212588	10
UC-TM 8, UCT-TM 8 or ZB 8 (see Catalog 3)			

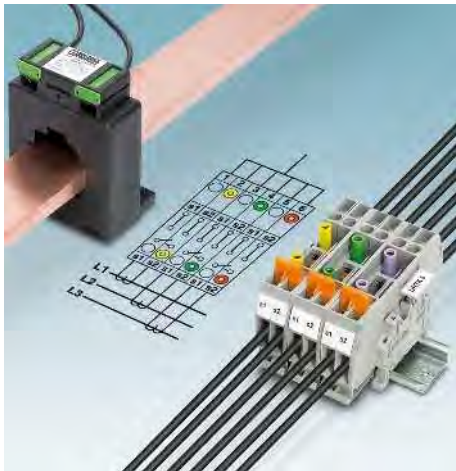
Accessories			
D-UK 6-T		3072802	50
SCBI 10-8,15	24 A	3245134	10
SCBI 10-8,15 ISO	24 A	3000417	10
SB 6-T 2-8	32 A	3075842	10
SB 6-T 3-8	32 A	3075843	10
SB 6-T 4-8	32 A	3075844	10
SBP 6-T 2-8	32 A	3070321	10
SBP 6-T 3-8	32 A	3070322	10
SBP 6-T 4-8	32 A	3070323	10
TPS 3/20/5		3246586	10
PSBJ 6-T OG		3070320	10
PS-8/2,3MM RD		3048564	10
MPS-MT/ 4MM		3048577	10
KSS 8		0311540	10
KSS 4-8		0309549	10
SF-SL 0,8X4,0-100 S-VDE		1212588	10
UC-TM 8, UCT-TM 8 or ZB 8 (see Catalog 3)			

Accessories			
D-UK 6-T		3072802	50
SCBI 10-8,15	24 A	3245134	10
SCBI 10-8,15 ISO	24 A	3000417	10
TPS 3/20/5		3246586	10
PSBJ 6-T OG		3070320	10
PS-8/2,3MM RD		3048564	10
MPS-MT/ 4MM		3048577	10
KSS 8		0311540	10
KSS 4-8		0309549	10
SF-SL 0,8X4,0-100 S-VDE		1212588	10
UC-TM 8, UCT-TM 8 or ZB 8 (see Catalog 3)			

Terminal blocks – Classic

UK universal modular terminal blocks

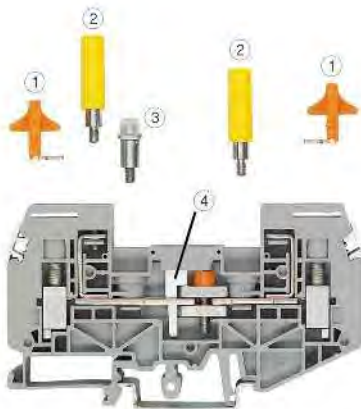
Measuring transducers and slide-type terminal blocks URTK 6 / UGSK 6



- The URTK 6 test disconnect terminal block and the UGSK 6 slide-type terminal block were developed specifically for use in current transformer secondary circuits
- Can be fitted on both sides with fixed and switchable bridges as well as test sockets with a 4 mm diameter



- The extensive range of accessories of the URTK 6 measuring transducer disconnect terminal blocks with spring-cage connection can also be used for the SRTK 6 measuring transducer disconnect terminal blocks with screw connection.
- For more information and technical data on the spring-cage connection versions, see page 240



- Only two URTK 6 test disconnect terminal blocks are required for a current transformer measuring circuit
 - Less space required compared to creating circuits with slide-type terminal blocks
- ① SB ... switch bar
 - ② 4 mm Ø test sockets PSBJ-URTK 6 ...
 - ③ Fixed bridge for cross connection FBRI 10-8 N
 - ④ Switching lock S-URTK/SP



- Several measuring devices or protective relays can be connected individually using the UGSK 6 slide-type terminal block
 - The slide can be connected with the switch bar depending on the switching tasks
- ① SB ... switch bar
 - ② 4 mm Ø test sockets PSBJ-URTK 6 ...
 - ③ Fixed bridge for cross connection FBRI 10-8 N

Notes:

For other test sockets, see page 587

For corresponding AP-ME and AH-ME terminal strip covers, see Catalog 3.

Dimensions

[mm]

Dimensions

[mm]

Maximum electrical data

Rated data

Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Rated cross section	[mm ²]
Cross section range	AWG

Connection capacity

1 conductor	[mm ²]
2 conductors (of the same type)	[mm ²]
2 flexible conductors with a TWIN ferrule	[mm ²]

General data

Stripping length	[mm]
Terminal point: Thread / torque	- / [Nm]

Disconnect slide: Thread / torque	- / [Nm]
-----------------------------------	----------

Torque: Test socket, fixed bridge, switch bar	[Nm]
---	------

Insulating material

Flammability rating in accordance with UL 94

Description	No. of pos.	Color
Test disconnect terminal block , for mounting on NS 35 ... and NS 32 ...		gray
Feed-through terminal block , for mounting on NS 32... or NS 35...		gray

Cover , width: 2 mm		gray
----------------------------	--	------

Switching bridge , complete		
	2	orange
	3	orange
	4	orange
for bridging between non-adjacent terminals	10	orange

Fixed bridge , isolated	10	silver
Switching lock , excludes the possibility of an unintentional operation of the disconnect slide		white

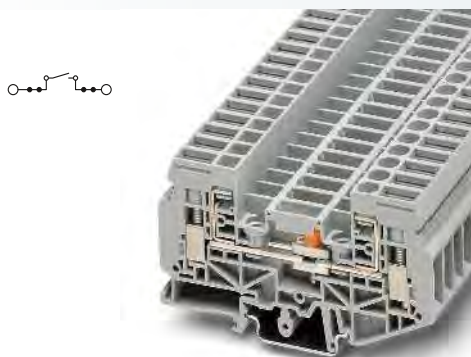
Short-circuit plug , for short circuiting neighboring terminal blocks, fully insulated, 2-pos.		black
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Test socket , insulated		black
		transparent
		blue
		yellow
		green
		violet
		black

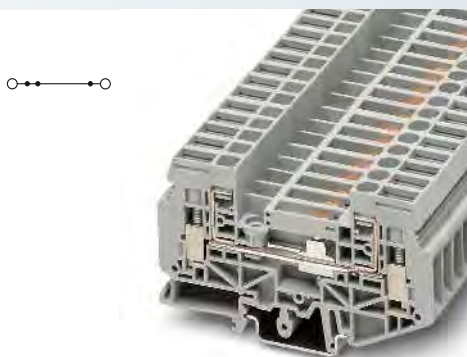
Screwdriver, for the terminal point

Screwdriver, for the female test connector

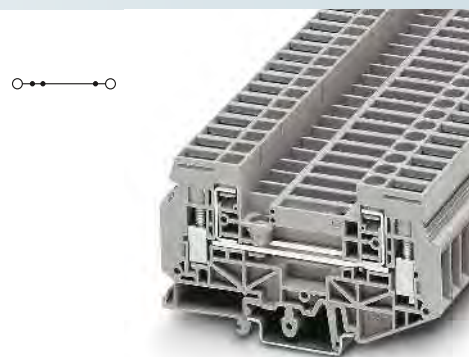
Lateral groove labeling



6 (10) mm², 57 A, test disconnect terminal block



6 (10) mm², 57 A, slide-type terminal block



6 (10) mm², 57 A, feed-through terminal block, same shape



Technical data			
Width	Length	Height NS 35/7,5	
8.2	91	51	
Width	Length	Height NS 32	
8.2	91	56	
I_{max} [A]	U_{max} [V]	max. Ø [mm²]	AWG (UL)
57	500	0.5 - 10	26-8
IEC 60947-7-1	UL / CUL	CSA	IEC/ EN 60079-7
500	300	-	-
41 / 6	50 / -	-	-
6	-	-	-
20 - 8	26-8	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 6
0.5 - 2.5	0.5 - 4	0.5 - 2.5	-
-	-	-	0.5 - 4
10			
M4 / 1.2 - 1.4			
M3 / 0.6 - 0.8			
0.6 - 0.8			
PA			
V0			

Technical data			
Width	Length	Height NS 35/7,5	
8.2	91	51	
Width	Length	Height NS 32	
8.2	91	-	
I_{max} [A]	U_{max} [V]	max. Ø [mm²]	AWG (UL)
57	400	0.5 - 10	26-8
IEC 60947-7-1	UL / CUL	CSA	IEC/ EN 60079-7
400	300	-	-
41 / 6	50 / -	-	-
6	-	-	-
20 - 8	26-8	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 6
0.5 - 2.5	0.5 - 4	0.5 - 2.5	-
-	-	-	0.5 - 4
10			
M4 / 1.2 - 1.4			
- / -			
-			
PA			
V0			

Technical data			
Width	Length	Height NS 35/7,5	
8.2	91	51	
Width	Length	Height NS 32	
8.2	91	56	
I_{max} [A]	U_{max} [V]	max. Ø [mm²]	AWG (UL)
57	500	0.5 - 10	26-8
IEC 60947-7-1	UL / CUL	CSA	IEC/ EN 60079-7
500	300	-	-
41 / 6	50 / -	-	-
6	-	-	-
20 - 8	26-8	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 6
0.5 - 2.5	0.5 - 4	0.5 - 2.5	-
-	-	-	0.5 - 4
10			
M4 / 1.2 - 1.4			
- / -			
0.6 - 0.8			
PA			
V0			

Ordering data			
Type	I_{max}	Order No.	Pcs./Pkt.
URTK 6		3026272	50

Ordering data			
Type	I_{max}	Order No.	Pcs./Pkt.
UGSK 6		3026285	50

Ordering data			
Type	I_{max}	Order No.	Pcs./Pkt.
URDK 6		3026706	50

Accessories			
D-URTK 6		3026340	10
SB 2-8-T	41 A	3026366	10
SB 3-8-T	41 A	3026492	10
SB 4-8-T	41 A	3026379	10
SB 10-8-T SO	41 A	3026395	10
FBRI 10-8 N	45 A	2772080	10
S-URTK/SP		0311155	50
KSSI 2-8		3000722	10
KSSI 4-8		3000735	10
PSBJ-URTK 6 FARBLOS		3026450	10
PSBJ-URTK 6 BU		3026434	10
PSBJ-URTK 6 YE		3026405	10
PSBJ-URTK 6 GN		3026418	10
PSBJ-URTK 6 VT		3026421	10
PSBJ-URTK 6 BK		3026447	10
SZS 1,0X4,0 VDE		1205066	10
SF-SL 0,6X3,5-100 S-VDE		1212587	10

Accessories			
D-URTK 6		3026340	10
SB 2-8-T	41 A	3026366	10
SB 3-8-T	41 A	3026492	10
SB 4-8-T	41 A	3026379	10
SB 10-8-T SO	41 A	3026395	10
FBRI 10-8 N	45 A	2772080	10
KSSI 2-8		3000722	10
KSSI 4-8		3000735	10
PSBJ-URTK 6 FARBLOS		3026450	10
PSBJ-URTK 6 BU		3026434	10
PSBJ-URTK 6 YE		3026405	10
PSBJ-URTK 6 GN		3026418	10
PSBJ-URTK 6 VT		3026421	10
PSBJ-URTK 6 BK		3026447	10
SZS 1,0X4,0 VDE		1205066	10
SF-SL 0,6X3,5-100 S-VDE		1212587	10

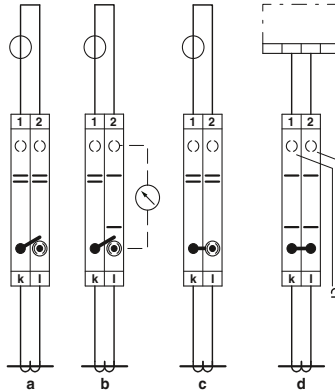
Accessories			
D-URTK 6		3026340	10
SB 2-8-T	41 A	3026366	10
SB 3-8-T	41 A	3026492	10
SB 4-8-T	41 A	3026379	10
SB 10-8-T SO	41 A	3026395	10
FBRI 10-8 N	45 A	2772080	10
KSSI 2-8		3000722	10
KSSI 4-8		3000735	10
PSBJ-URTK 6 FARBLOS		3026450	10
PSBJ-URTK 6 BU		3026434	10
PSBJ-URTK 6 YE		3026405	10
PSBJ-URTK 6 GN		3026418	10
PSBJ-URTK 6 VT		3026421	10
PSBJ-URTK 6 BK		3026447	10
SZS 1,0X4,0 VDE		1205066	10
SF-SL 0,6X3,5-100 S-VDE		1212587	10

UC-TM 8, UCT-TM 8 or ZB 8
(see Catalog 3)UC-TM 8, UCT-TM 8 or ZB 8
(see Catalog 3)UC-TM 8, UCT-TM 8 or ZB 8
(see Catalog 3)

Terminal blocks – Classic

UK universal modular terminal blocks

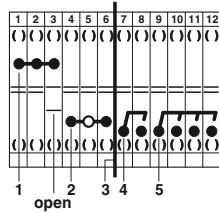
Meas. transducers disconnect terminal blocks URTK/SP



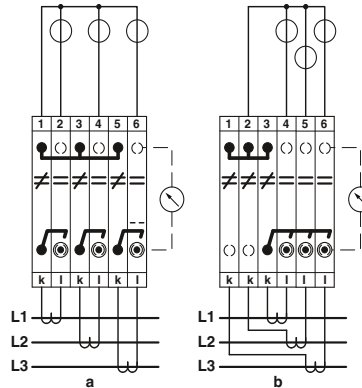
- Test disconnect terminal block URTK/SP should be used for all measurement and test work in the current transformer secondary circuits
- The terminal blocks can be equipped with fixed and switchable bridges on both sides
- Touch-proof test sockets with 4 mm diameter are already permanently integrated
- The URTKD/SP can be used as a feed-through terminal block of the same shape without a disconnect function

- The URTK/SP test disconnect terminal block and the SB 2-URTK/SP 2-pos. switching bridge can be used to perform all switching tasks per current transformer core
- a Normal operation
- b Measurement checking
- c Transformer short circuit
- d Relay checking

Test disconnect terminal block URTK/SP



Type	Order no.
1 FBI 10-8	0203263
2 FB 10-URTK/SP	0311663
3 ISSBI 10-8	0301534
+ IS-K 10	1303337
4 ATP-URTK/SP	0311139
5 SB 2-URTK/SP	0360012
5 SB 4-URTK/SP	0360025



- Circuit example
- a Three-phase current transformer set
- b Linked three-phase current transformer set

Dimensions	
	[mm]
Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]
Rated cross section	[mm²]
Cross section range	AWG
Connection capacity	
1 conductor	[mm²]
2 conductors (of the same type)	[mm²]
2 flexible conductors with a TWIN ferrule	[mm²]
General data	
Stripping length	[mm]
Terminal point: Thread / torque	- / [Nm]
Disconnect slide: Thread / torque	- / [Nm]
Insulating material	
Flammability rating in accordance with UL 94	

Description	No. of pos.	Color
Test disconnect terminal block, for mounting on NS 35 ... and NS 32 ...		gray
Feed-through terminal block, for mounting on NS 32... or NS 35...		gray

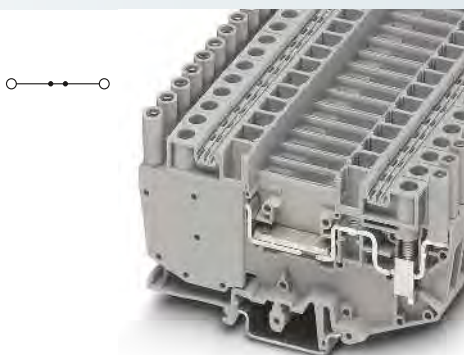
Fixed bridge, isolated		
	10	silver
Fixed bridge, for cross connections on both sides of the disconnect point, insulated, divisible, with 10 screws		
	10	silver
Switching bridge for 2 terminal blocks, for use on both sides of the disconnect point, inward switching movement, with 2 screws		
	2	silver
	4	silver

Isolator bridge bar, divisible, with 10 screws, for switchable branches with IS-K...		
	10	silver
Bridge bar isolator, as distance piece for isolator bridge bar		gray
Switching lock, excludes the possibility of an unintentional operation of the disconnect slide		white

Partition plate, 2 mm width		gray
Short-circuit plug, for short circuiting neighboring terminal blocks, fully insulated, 2-pos.		black
4-pos.		black
Screwdriver		
Lateral groove labeling		



6 (10) mm², 50 A, test disconnect terminal block



6 (10) mm², 50 A, feed-through terminal block, same shape



Short-circuit connector



Technical data			
Width	Length	Height NS 35/7,5	
8.2	99.5	59	
Width	Length	Height NS 32	
8.2	99.5	64	
I_{max} [A]	U_{max} [V]	max. Ø [mm²]	AWG (UL)
50	500	0.5 - 10	26-8
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	300	300	-
41 / 6	45 / -	45 / -	-
6	-	-	-
20 - 8	26-8	26-8	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 6
0.5 - 2.5	0.5 - 4	0.5 - 2.5	-
-	-	-	0.5 - 4
11			
M4 / 1.5 - 1.8			
M3 / 0.6 - 0.8			
PA			
V0			

Technical data			
Width	Length	Height NS 35/7,5	
8.2	99.5	59	
Width	Length	Height NS 32	
8.2	99.5	64	
I_{max} [A]	U_{max} [V]	max. Ø [mm²]	AWG (UL)
50	500	0.5 - 10	-
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	-	-	-
41 / 6	-	-	-
6	-	-	-
20 - 8	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 6
0.5 - 2.5	0.5 - 4	0.5 - 2.5	-
-	-	-	0.5 - 4
11			
M4 / 1.5 - 1.8			
- / -			
PA			
V0			

Technical data			
Width	Length	Height NS 35/7,5	
16.2	11	-	
Width	Length	Height NS 32	
16.2	11	-	
		max. Ø [mm²]	AWG (UL)
		-	-
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
- / -	-	-	-
-	-	-	-
-	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
-	-	-	-
-	-	-	-
-	-	-	-
11			
- / -			
- / -			
PA			
V0			

Ordering data			
Type	I_{max}	Order No.	Pcs./Pkt.
URTK/SP		0311126	50

Ordering data			
Type	I_{max}	Order No.	Pcs./Pkt.
URTKD/SP		0311142	50

Ordering data		
Type	Order No.	Pcs./Pkt.

Accessories			
FBI 10- 8	50 A	0203263	10
FB 10- URTK/SP	50 A	0311663	10
SB 2-URTK/SP	35 A	0360012	10
SB 4-URTK/SP	35 A	0360025	10
ISSBI 10- 8	35 A	0301534	10
IS-K 10		1303337	100
S-URTK/SP		0311155	50
ATP-URTK/SP		0311139	10
SZS 1,0X4,0 VDE		1205066	10
ZB 8 (see Catalog 3)			

Accessories			
FBI 10- 8	50 A	0203263	10
FB 10- URTK/SP	50 A	0311663	10
SB 2-URTK/SP	35 A	0360012	10
SB 4-URTK/SP	35 A	0360025	10
ISSBI 10- 8	35 A	0301534	10
IS-K 10		1303337	100
ATP-URTK/SP		0311139	10
SZS 1,0X4,0 VDE		1205066	10
ZB 8 (see Catalog 3)			

Accessories		
KSSI 2-8	3000722	10
KSSI 4-8	3000735	10

Terminal blocks – Classic

UK universal modular terminal blocks

Screw connection test disconnect terminal block with UK 4-SD test isolating plug

This disconnect terminal block offers numerous advantages especially for testing in measuring and signal circuits:

- Simultaneous interruption of individual or multiple neighboring disconnect terminal blocks by using the PS 6-DI-SD isolating plug
- Safe, uninterruptible looping in of measuring devices in the circuit with the aid of the PS 6-CT-SD test isolating plug
- Safe contacting of the potentials after opening the disconnect point through use of the PS 6-VT-SD test isolating plug
- Terminal points in the test isolating plugs allow individual test applications to be wired
- Easy potential distribution in the terminal strip with insertion bridges

PROJECT complete planning enables the quick and convenient planning and configuration of error-free terminal strips.

Circuit examples

- Normal operation: no plug inserted
- Measurement checking: looping in a measuring device with the PS 6-CT-SD test isolating plug
- Current transformer short circuit: measurement split between two positions



4 (6) mm², test disconnect terminal block



Dimensions	
	[mm]
Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]
Rated cross section	[mm²]
Cross section range	AWG
Connection capacity	
1 conductor	[mm²]
2 conductors (of the same type)	[mm²]
2 flexible conductors with a TWIN ferrule	[mm²]
General data	
Stripping length	[mm]
Screw thread	
Tightening torque	[Nm]
Insulating material	
Flammability rating in accordance with UL 94	

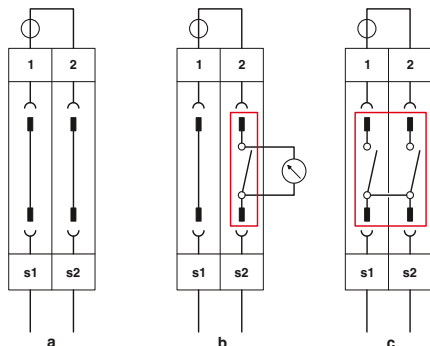
Technical data			
Width	Length	Height NS 35/7,5	
6.2	45.5	47.3	
Width	Length	Height NS 32	
6.2	45.5	52.3	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
10	500	0.5 - 6	20-10
IEC 60947-7-1	UL / CUL	CSA	IEC/ EN 60079-7
500	300	-	-
10 / 4	10	-	-
4	-	-	-
20 - 10	20-10	-	-
Connection capacity		Ferrule	
Rigid	Flexible	without/with plastic sleeve	
0.5 - 6	0.5 - 4	0.5 - 4	0.5 - 4
0.5 - 1.5	0.5 - 1.5	0.5 - 1.5	-
-	-	-	0.5 - 1.5
General data			
Stripping length	[mm]	9	
Screw thread		M3	
Tightening torque	[Nm]	0.6 - 0.8	
Insulating material		PA	
Flammability rating in accordance with UL 94		V0	

Description	No. of pos.	Color
Measuring transducer disconnect terminal block, for mounting on NS 35		gray
Isolating plug		gray
Test isolating plug		green
Test isolating plug		red

Cover, width: 2.2 mm		gray
Insertion bridge, insulated		
	2	gray
	3	gray
	10	gray
Partition plate, 1.5 mm wide		gray
Screwdriver		
Lateral groove labeling		

Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
UK 4-SD		3246861	50

Accessories			
D-UK 4-SD		3246862	50
EB 2- 6	11 A	0201155	100
EB 3- 6	11 A	0201142	100
EB 10- 6	11 A	0201139	10
ATP-UK		3003224	50
SF-SL 0,6X3,5-100 S-VDE		1212587	10
UC-TM 6, UCT-TM 6 or ZB 6 (see Catalog 3)			





Isolating plug, disconnect function only

2.5 (2.5) mm² test disconnect plug,
contacts before the signal isolation2.5 (2.5) mm² test disconnect plug,
contacts after the signal isolation

Technical data			
Width	Length	Height NS 35/7,5	
6.2	39.3	-	
Width	Length	Height NS 32	
6.2	39.3	-	
		max. Ø [mm ²]	AWG (UL)
		-	20-10
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	300	-	-
- / -	-	-	-
-	-	-	-
-	20-10	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
-	-	-	-
-	-	-	-
-	-	-	-
PA			
V0			



Technical data			
Width	Length	Height NS 35/7,5	
6.2	39.3	-	
Width	Length	Height NS 32	
6.2	39.3	-	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
8	250	0.5 - 2.5	20-10
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
250	300	-	-
6 / -	10	-	-
2.5	-	-	-
20 - 14	20-10	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.5 - 2.5	0.5 - 2.5	0.5 - 1.5	0.5 - 1.5
-	-	-	-
-	-	-	-
7			
M3			
0.5 - 0.6			
PA			
V0			



Technical data			
Width	Length	Height NS 35/7,5	
6.2	39.3	-	
Width	Length	Height NS 32	
6.2	39.3	-	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
8	250	0.5 - 2.5	20-10
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
250	300	-	-
6 / -	10	-	-
2.5	-	-	-
20 - 14	20-10	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.5 - 2.5	0.5 - 2.5	0.5 - 1.5	0.5 - 1.5
-	-	-	-
-	-	-	-
7			
M3			
0.5 - 0.6			
PA			
V0			

Ordering data		
Type	Order No.	Pcs./Pkt.
PS 6-DI-SD	3246856	50

Ordering data		
Type	Order No.	Pcs./Pkt.
PS 6-CT-SD	3246857	50

Ordering data		
Type	Order No.	Pcs./Pkt.
PS 6-VT-SD	3246858	50

Accessories		

Accessories		
SZF 1-0,6X3,5	1204517	10

Accessories		
SZF 1-0,6X3,5	1204517	10

UC-TM 6, UCT-TM 6 or ZB 6
(see Catalog 3)

UC-TM 6, UCT-TM 6 or ZB 6
(see Catalog 3)

UC-TM 6, UCT-TM 6 or ZB 6
(see Catalog 3)

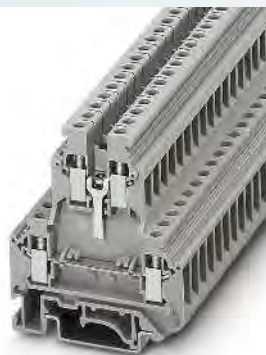
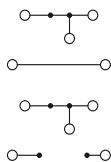
Terminal blocks – Classic

UK universal modular terminal blocks

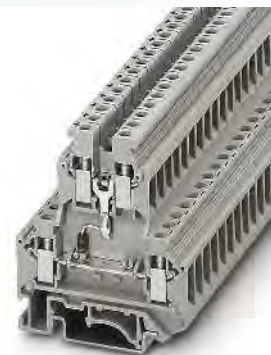
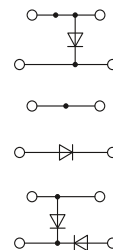
Double-level diode terminal blocks UKK ...

- Double-level diode terminal blocks with various forms of wiring are available for a huge range of applications
- Electronic components can be individually soldered with UKK 5-BE

Notes:
¹⁾ Integrated: Rectifier module B 250 C 1500, reverse voltage: 600 V, nominal voltage: 250 V, nominal current: 1.5 A
²⁾ Max. installation width of components to be soldered in: 5 mm
³⁾ Integrated: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A



4 (4) mm², 32 A, double-level terminal block for soldering in components



4 (4) mm², 32 A, double-level diode terminal block

ERC

UL ENEC

Dimensions	
	[mm]
Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]
Rated cross section	[mm²]
Cross section range	AWG
Connection capacity	
1 conductor	[mm²]
2 conductors (of the same type)	[mm²]
2 flexible conductors with a TWIN ferrule	[mm²]
General data	
Stripping length	[mm]
Screw thread	
Tightening torque	[Nm]
Insulating material	
Flammability rating in accordance with UL 94	

Technical data			
Width	Length	Height NS 35/7,5	
6.2	56	62	
Width	Length	Height NS 32	
6.2	56	67	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
32	500	0.2 - 4	-
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	-	-	-
32 / 4	-	-	-
4	-	-	-
24 - 12	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 4	0.25 - 4	0.25 - 2.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 1.5
8			
M3			
0.6 - 0.8			
PA			
V0			

Technical data			
Width	Length	Height NS 35/7,5	
6.2	56	62	
Width	Length	Height NS 32	
6.2	56	67	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
32	500	0.2 - 4	26-10
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	600	-	-
32 / 4	30 / -	-	-
4	-	-	-
24 - 12	26-10	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 4	0.25 - 4	0.25 - 2.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 1.5
8			
M3			
0.6 - 0.8			
PA			
V0			

Description	No. of pos.	Color
Terminal block, component can be soldered in ²⁾		gray
Terminal block, for soldering in a component from top to bottom left and from bottom right to bottom left ²⁾		gray
Terminal block, with integrated 1N 4007 diode, conducting from top to bottom ³⁾		gray
Terminal block, with integrated 1N 4007 diode, conducting from bottom to top ³⁾		gray
Terminal block, with integrated 1N 4007 diode, conducting from bottom left to bottom right ³⁾		gray
Terminal block, with two integrated 1N 4007 diodes, conducting direction from top to bottom left and from bottom right to bottom left ¹⁾		gray

Ordering data				
Type	I _{max}	Order No.	Pcs./Pkt.	
UKK 5-BE		3048027	50	
UKK 5-2 BE		3048030	50	

Cover, width: 2.5 mm	gray
Spacer plate, compensates for level offsets, width: 2.5 mm	gray
Fixed bridge, isolated	10 silver
Screwdriver	
Lateral groove labeling	

Accessories				
D-UKK 3/5		2770024	50	
DP-UKK 3/5		2770794	50	
FBI 10- 6	32 A	0203250	10	
SF-SL 0,6X3,5-100 S-VDE		1212587	10	
ZB 6 (see Catalog 3)				

Ordering data				
Type	I _{max}	Order No.	Pcs./Pkt.	
UKK 5-DIO/O-U		2791016	50	
UKK 5-DIO/U-O		2791032	50	
UKK 5-DIO/UL-UR		2791029	50	
UKK 5-2DIO/O-UL/UR-UL		2791113	50	

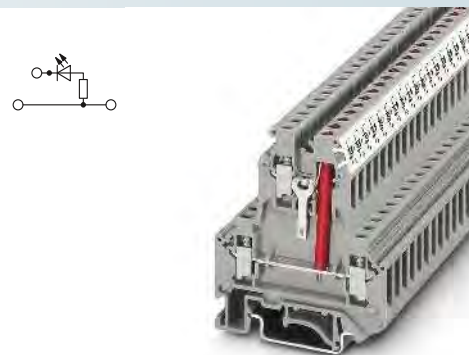
Accessories				
D-UKK 3/5		2770024	50	
DP-UKK 3/5		2770794	50	
FBI 10- 6	32 A	0203250	10	
SF-SL 0,6X3,5-100 S-VDE		1212587	10	
ZB 6 (see Catalog 3)				

Double-level terminal blocks with LED display UKK ...

- The integrated LED display in UKK 5-LA ... indicates the voltage condition of the lower feed-through level
- Available in three voltage levels up to 250 V

Notes:

1) The operating voltage is determined by the LED version.



4 (4) mm², 32 A, double-level terminal block with LED



Dimensions	
	[mm]
Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Rated cross section	[mm ²]
Cross section range	AWG
Connection capacity	
1 conductor	[mm ²]
2 conductors (of the same type)	[mm ²]
2 flexible conductors with a TWIN ferrule	[mm ²]
General data	
Stripping length	[mm]
Screw thread	
Tightening torque	[Nm]
Insulating material	
Flammability rating in accordance with UL 94	

Technical data			
Width	Length	Height NS 35/7,5	
6.2	56	62	
Width	Length	Height NS 32	
6.2	56	67	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
32	500¹)	0.2 - 4	26-10
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500¹)	600	-	-
32 / 4	20 / -	-	-
4	-	-	-
24 - 12	26-10	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 4	0.25 - 4	0.25 - 2.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 1.5
8			
M3			
0.6 - 0.8			
PA			
V0			

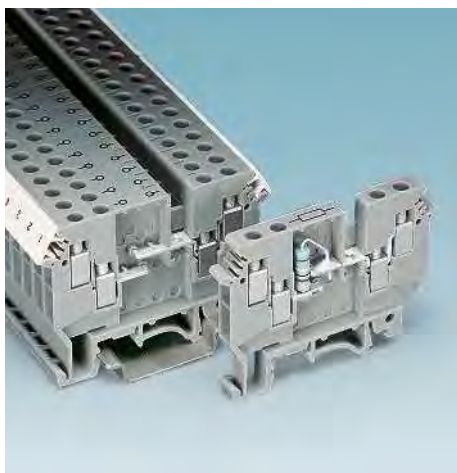
Description	No. of pos.	Color
Double-level terminal block, with LED display for 12 - 30 V DC, 0.7 - 2.4 mA		gray
with LED display for 110 - 250 V AC/DC, 0.1 - 0.5 mA		gray

Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
UKK 5-LA 24 RD/U-O		2791320	50
UKK 5-LA 230		2791359	50

Cover, width: 2.5 mm		gray
Spacer plate, compensates for level offsets, width: 2.5 mm		gray
Fixed bridge, isolated	10	silver
Insertion bridge, insulated	2	gray
	3	gray
	10	gray
Isolator bridge bar, divisible, with 10 screws, for switchable branches with IS-K...	10	silver
Bridge bar isolator, as distance piece for isolator bridge bar		gray
Separating disk, for separation of neighboring bridges, can be fitted later, no loss of pitch		gray
Partition plate, 2.5 mm wide		gray
Screwdriver		
SF-SL 0.6X3,5-100 S-VDE		
Lateral groove labeling		

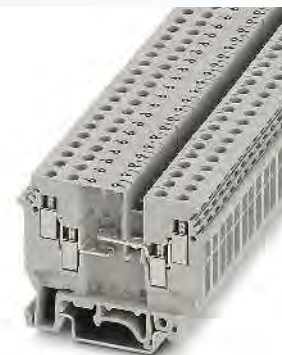
Accessories			
D-UKK 3/5		2770024	50
DP-UKK 3/5		2770794	50
FBI 10- 6	32 A	0203250	10
EB 2- 6	28 A	0201155	100
EB 3- 6	28 A	0201142	100
EB 10- 6	28 A	0201139	10
ISSBI 10- 6	24 A	0301505	10
IS-K 4		1302338	100
TS-KK 3		2770215	50
ATP-UKK 3/5		2778521	50
SF-SL 0.6X3,5-100 S-VDE		1212587	10
ZB 6 (see Catalog 3)			

Component terminal blocks UDK ...



- The constant current circuits common in process automation transmit the measured values as a load-independent current of 0(4) - 20 mA
- A voltage signal pick-off can be implemented in the measuring line using this terminal block, thus allowing the signal to be used as an analog signal for process computers
- The four-conductor connection permits convenient wiring
- The lower level is assigned to the measuring line while the upper level is used for voltage pick-off via the 249 Ω resistor

Notes:
1) The current is determined by the component used.
Maximum width of components to be soldered in: 5 mm



4 (6) mm², feed-through terminal block, 4 connections, with differential voltage resistor



Dimensions	
	[mm]
Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Rated cross section	[mm ²]
Cross section range	AWG
Connection capacity	
1 conductor	[mm ²]
2 conductors (of the same type)	[mm ²]
2 flexible conductors with a TWIN ferrule	[mm ²]
Max. cross section with insertion bridge	[mm ²]
General data	
Stripping length	[mm]
Screw thread	
Tightening torque	[Nm]
Insulating material	
Flammability rating in accordance with UL 94	

Technical data				
Width	Length	Height NS 35/7,5		
6.2	63.5	47		
Width	Length	Height NS 32		
6.2	63.5	52		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
630	0.2 - 6	-		
IEC	UL / CUL	CSA	IEC/ EN 60079-7	
630	-	600		
32 ¹⁾ / 4	-	10 / -		
4	-	-		
24 - 10	-	22-10		
Connection capacity	Rigid	Flexible	Ferrule	
			without/with plastic sleeve	
1 conductor	0.2 - 6	0.2 - 4	0.25 - 4	0.25 - 1.5
2 conductors (of the same type)	0.2 - 1	0.2 - 1.5	0.25 - 1.5	-
2 flexible conductors with a TWIN ferrule	-	-	-	0.5 - 1
Max. cross section with insertion bridge	2.5	2.5	-	-
General data				
Stripping length	8			
Screw thread	M3			
Tightening torque	0.5 - 0.6			
Insulating material	PA			
Flammability rating in accordance with UL 94	V2			

Description	No. of pos.	Color
Differential voltage terminal block, for self-soldering a resistor		gray
with built-in resistor 249 Ω/ ± 1%/ 1 W		gray

Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
UDK 4-DUR		2775207	50
UDK 4-DUR 249		2775249	50

Cover , width: 1.5 mm		gray
Fixed bridge , isolated		
	10	silver
Insertion bridge , insulated		
	2	gray
	3	gray
	10	gray
Isolator bridge bar , divisible, with 10 screws, for switchable branches with IS-K...		
	10	silver
Bridge bar isolator , as distance piece for isolator bridge bar		gray
Separating disk , for separation of neighboring bridges, can be fitted later, no loss of pitch		gray
Screwdriver		
Lateral groove labeling		

Accessories			
D-UDK 4		2775113	50
FBI 10- 6	32 A	0203250	10
EB 2- 6	26 A	0201155	100
EB 3- 6	26 A	0201142	100
EB 10- 6	26 A	0201139	10
ISSBI 10- 6	32 A	0301505	10
IS-K 4		1302338	100
TS-KK 3		2770215	50
SF-SL 0,6X3,5-100 S-VDE		1212587	10
ZB 6 (see Catalog 3)			

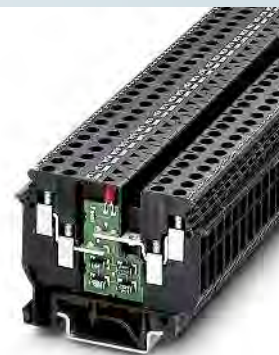
UDK ... LED terminal blocks for current

UDK 4-ILA ...

- For the 4 to 500 mA current range
- If a load current flows through the load, this is indicated by the LED

Notes:

- 1) Note load current diagram, see phoenixcontact.net/products
- 2) To neighboring terminal blocks



**4 (6) mm², 0.5 A, feed-through terminal block,
4 connections, with current indicator
up to 1000 mA**



Dimensions	
	[mm]
Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Rated cross section	[mm ²]
Cross section range	AWG
Connection capacity	
1 conductor	[mm ²]
2 conductors (of the same type)	[mm ²]
2 flexible conductors with a TWIN ferrule	[mm ²]
Max. cross section with insertion bridge	[mm ²]
General data	
Stripping length	[mm]
Screw thread	
Tightening torque	[Nm]
Insulating material	
Flammability rating in accordance with UL 94	

Technical data			
Width	Length	Height NS 35/7,5	
6.2	63.5	47	
Width	Length	Height NS 32	
6.2	63.5	52	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
0.5 ¹⁾	500 ²⁾	0.2 - 6	30-10
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500 ²⁾	600	600	-
0.5 / 4	0.5 / -	0.5 / -	-
4	-	-	-
24 - 10	30-10	22-10	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 6	0.2 - 4	0.25 - 4	0.25 - 1.5
0.2 - 1	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 2.5
2.5	2.5	-	-
8			
M3			
0.5 - 0.6			
PA			
V2			

Description	No. of pos.	Color
Current indicator terminal block , for mounting on NS 32... or NS 35..., displays the current flow of an auxiliary current circuit using the LED		black

Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
UDK 4-ILA 500		2775061	50

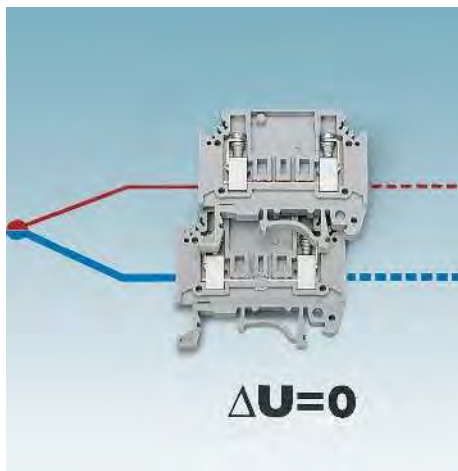
Cover , width: 1.5 mm		gray
Fixed bridge , isolated	10	silver
Insertion bridge , insulated	2	gray
	3	gray
	10	gray
Separating disk , for separation of neighboring bridges, can be fitted later, no loss of pitch		gray
Screwdriver		
Lateral groove labeling		

Accessories			
D-UDK 4		2775113	50
FBI 10- 6	32 A	0203250	10
EB 2- 6	26 A	0201155	100
EB 3- 6	26 A	0201142	100
EB 10- 6	26 A	0201139	10
TS-KK 3		2770215	50
SF-SL 0,6X3,5-100 S-VDE		1212587	10
ZB 6 (see Catalog 3)			

Terminal blocks – Classic

UK universal modular terminal blocks

Thermoelectric voltage terminal block pairs, MTKD-...



- These special terminal blocks are used to extend thermocouple equalizing conductors in corresponding measuring circuits
- The equalizing conductors are made of materials which, up to temperatures of 200°C, have the same thermal characteristics as the corresponding thermocouples
- This ensures that no false thermoelectric voltages result at the junctions of the thermocouple/terminal block/equalizing conductor and that the basic values in accordance with EN 60584/ DIN EN 60584 are adhered to

Notes:

1) Voltage to the neighboring feed-through terminal MTK.

For table for selecting thermoelectric voltage terminal blocks, visit phoenixcontact.net/products



2.5 (4) mm², feed-through terminal block pair



Dimensions	
	[mm]
Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]
Rated cross section	[mm²]
Cross section range	AWG
Connection capacity	
1 conductor	[mm²]
General data	
Stripping length	[mm]
Screw thread	
Tightening torque	[Nm]
Insulating material	
Flammability rating in accordance with UL 94	

Technical data			
Width	Length	Height NS 35/7,5	
10.4	46.2	39.9	
Width	Length	Height NS 32	
10.4	46.2	44.9	
I _{max} . [A]	U _{max} . [V]	max. Ø [mm ²]	AWG (UL)
1	400 ¹⁾	0.2 - 4	28-12
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
400 ¹⁾	300	-	-
1 / -	10 / -	-	-
2.5	-	-	-
24 - 12	28-12	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.2 - 1.5	0.2 - 1.5
7			
M3			
0.6 - 0.8			
PA			
V0			

Description	Color
Thermocouple terminal block pair for CU/CUNI44, Copper/constantan, USA type T	gray
Thermocouple terminal block pair for FE/CUNI44, Iron/constantan, USA type J	gray
Thermocouple terminal pair for NICR/CUNI44, Nickel-chrome/constantan, USA type E	gray
Thermocouple terminal block pair for NICRSI/NISI, Nickel-chrome silicon/nickel silicon, USA type N	gray
Thermocouple terminal pair for NICR/NI, Nickel-chrome/Nickel, USA type K	gray
Thermocouple terminal block pair for E-CU/A-CU, Copper/Copper nickel, USA type R	gray
Thermocouple terminal block pair for S-CU/E-CU, S-copper/copper, USA type B	gray

Cover, width: 1 mm	gray
Partition plate, for visual and electrical separation of terminal groups, 1.0 mm thick	gray
Screwdriver	
Lateral groove labeling	

Ordering data		
Type	Order No.	Pcs./Pkt.
MTKD-CU/CUNI	3100059	50
MTKD-FE/CUNI	3100046	50
MTKD-NICR/CUNI	3100075	50
MTKD-NICRSI/NISI	5043321	50
MTKD-NICR/NI	3100062	50
MTKD-E-CU/A-CU	3100091	50
MTKD-S-CU/E-CU	3100101	50

Accessories		
D-MTK	3101029	50
ATS-MTK	3101223	50
SZS 1,0X4,0 VDE	1205066	10
ZB 10 (see Catalog 3)		

GTF 76 ground disconnect terminal block



EN 60204-1/VDE 0113-1 “Electrical Equipment of Industrial Machines”, Section 9.4.3.1 states:

“Ground faults in a control circuit may not lead to an unintentional start-up, to potentially dangerous movements or prevent the stopping of a machine.”

- The ground disconnect terminal block GTF 76 conveniently solves this problem
- When the disconnect slide is closed, switch position “on”, the yellow light signals grounded normal operation
- Once the disconnect slide has been opened to the “off” position, the red light indicates whether there is a ground fault in the control circuit

Note:

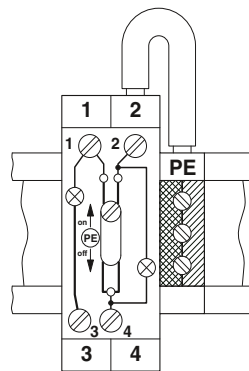
- Asymmetries in the cable isolation mean that the red display may easily light up even when there is no ground fault if the disconnect slide is open. This has no impact on functionality and does not affect the protective measure demanded in the VDE requirements

Attention!

- During isolation testing in accordance with EN 60204-1/VDE 0113-1, the GTF 76 should be disconnected or bridged as otherwise the LED display will be destroyed or a short circuit will occur

Notes:

¹⁾ 250 V for GTF 76/230



6 (10) mm², 57 A, ground disconnect
terminal block



Dimensions	[mm]
Dimensions	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Rated cross section	[mm ²]
Cross section range	AWG
Connection capacity	
1 conductor	[mm ²]
2 conductors (of the same type)	[mm ²]
2 flexible conductors with a TWIN ferrule	[mm ²]
General data	
Stripping length	[mm]
Screw thread	
Tightening torque	[Nm]
Insulating material	
Flammability rating in accordance with UL 94	

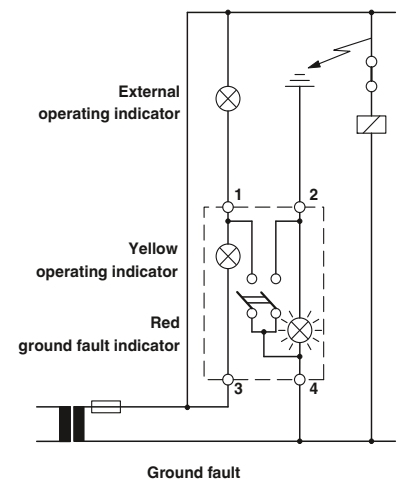
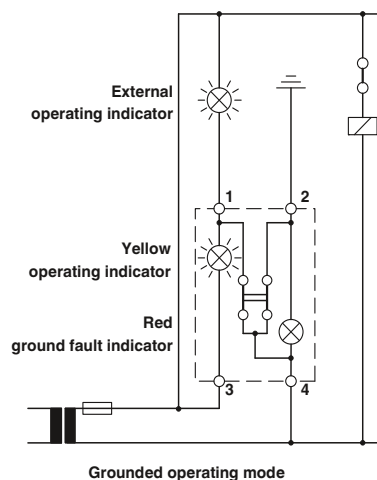
Technical data			
Width	Length	Height NS 35/7,5	
22.5	64.5	54	
Width	Length	Height NS 32	
22.5	64.5	59	
$I_{\max.}$ [A]	$U_{\max.}$ [V]	max. Ø [mm²]	AWG (UL)
57	110¹⁾	0.5 - 10	26-8
IEC	UL / CUL	CSA	IEC/ EN 60079-7
110 ¹⁾	250	-	-
41 / 6	50 / -	-	-
6	-	-	-
20 - 8	26-8	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 4
0.5 - 6	0.5 - 6	0.5 - 4	-
-	-	-	0.5 - 4
12			
M4			
1.2 - 1.5			
PA			
VO			

Description	Color
Basic disconnect terminal block, for mounting on NS 32..., NS 35... or NS 35/15-2,3 for 110 - 250 V AC/DC, current: 0.5 - 1 mA	gray
Basic disconnect terminal block, for mounting on NS 32..., NS 35... or NS 35/15-2,3 for 24 - 48 V AC/DC, current: 3.5 - 8 mA	gray

Ordering data		
Type	Order No.	Pcs./Pkt.
GTF 76/230	3121012	10
GTF 76/ 48	3121025	10

Screwdriver
Lateral groove labeling

Accessories		
SZS 1,0X4,0 VDE	1205066	10
ZB 10 (see Catalog 3)		



Terminal blocks – Classic

UK universal terminal blocks with special connection

Feed-through terminal blocks with flat plug connection UVKB ... and UHK ...



UVKB terminal blocks

- The front flat plug connection is the optimum wiring design for tight spaces and if cable ducts need moving close to the terminal strip
- The housing walls only protrude slightly beyond the metal parts because it is assumed that fully-isolated plug-in sleeves are connected
- The slotted plugs allow a fully isolated or two bare 2.8 mm plug-in sleeves to be slid on in place of one 6.3 mm flat plug-in sleeve

UHK terminal blocks

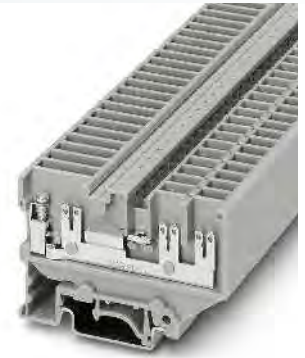
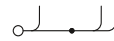
Owing to the characteristic arrangement of three flat connectors on each terminal block side, UHK... terminal blocks prove to be advantageous in technical applications:

- Economical use of terminal blocks and bridge connections
- Comfortable operation, i. e., free view of the connectors, good connector accessibility and quick connection check
- The marking is easily visible due to the smart wire guiding in the lateral cable ducts
- Reading the marking from the front

Notes:

For corresponding slip-on sleeves, see catalog 3.

¹⁾ Current and voltage data for slip-on connections in acc. with EN 61210 are also dependent on nominal size, material, insulation of the receptacle and conductor cross section.



4 (4) mm², 29 A, feed-through terminal block, with screw and slip-on connection



Dimensions	
	[mm]
Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Rated cross section	[mm ²]
Cross section range	AWG
Connection capacity screw connection	
1 conductor	[mm ²]
2 conductors (of the same type)	[mm ²]
2 flexible conductors with a TWIN ferrule	[mm ²]
Max. cross section with insertion bridge	[mm ²]
General data	
Stripping length	[mm]
Screw thread	
Tightening torque	[Nm]
Insulating material	
Flammability rating in accordance with UL 94	

Technical data			
Width	Length	Height NS 35/7,5	
6.2	68	44	
Width	Length	Height NS 32	
6.2	68	49	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
29¹)	500¹)	0.2 - 4	28-12
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500¹)	300	-	-
29 / 4	25 / -	-	-
4	-	-	-
24 - 12	28-12	-	-
Rigid	Flexible	Ferrule	
		without/with plastic sleeve	
0.2 - 4	0.2 - 4	0.25 - 4	0.25 - 2.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 2.5
4	4	-	-
8			
M3			
0.6 - 0.8			
PA			
V2			

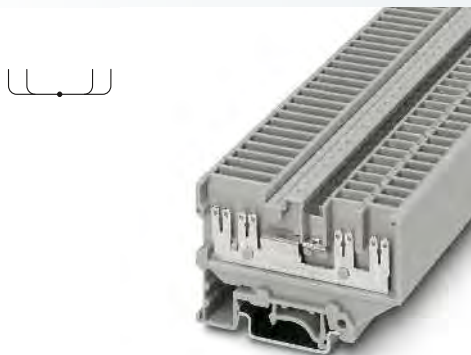
Description	No. of pos.	Color
Terminal block, for mounting on NS 32... or NS 35..., with slotted 6.3/2.8 mm flat connectors ¹⁾		gray

Cover, width: 2.2 mm		gray
Cover, width: 2.3 mm		gray
Fixed bridge, isolated	10	silver
Insertion bridge, insulated		
	2	gray
	3	gray
	10	gray
Isolator bridge bar, divisible, with 10 screws, for switchable branches with IS-K...	10	silver
Bridge bar isolator, as distance piece for isolator bridge bar		gray
Separating disk, for separation of neighboring bridges, can be fitted later, no loss of pitch		gray
Partition plate, for visual and electrical separation of terminal groups, 2.3 mm thick		gray
Test socket		silver
Test socket, insulated, can be used only with FBI and ISSBI		silver
Screwdriver		
Center groove labeling		

Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
UVKB 4-FS(6-2,8-0,8)		1954016	50

Accessories			
D-UVKB 4		1920024	50
FBI 10- 6	24 A	0203250	10
EB 2- 6	24 A	0201155	100
EB 3- 6	24 A	0201142	100
EB 10- 6	24 A	0201139	10
ISSBI 10- 6	24 A	0301505	10
IS-K 4		1302338	100
TS-K		1302215	50
PSB 3/10/4		0601292	10
PSBJ 3/13/4		0201304	10
SF-SL 0,6X3,5-100 S-VDE		1212587	10
ZB 6 (see Catalog 3)			

UK universal terminal blocks with special connection



6 (6) mm², 32 A, feed-through terminal block, with spade connection



4 (4) mm², 40 A, feed-through terminal block, with screw and slip-on connection



6 (6) mm², 40 A, feed-through terminal block, with spade connection



Technical data			
Width	Length	Height NS 35/7,5	
6.2	68	44	
Width	Length	Height NS 32	
6.2	68	49	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
32 ¹⁾	800 ¹⁾	0.5 - 6	-
IEC	UL / CUL	CSA	IEC/ EN 60079-7
800 ¹⁾	300	-	-
32 ¹⁾ / 4	25 / -	-	-
4	-	-	-
20 - 10	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.5 - 6	0.5 - 6	-	0.5 - 6
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
PA			
V2			

Technical data			
Width	Length	Height NS 35/7,5	
6.2	54	51.5	
Width	Length	Height NS 32	
6.2	54	56.5	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
40 ¹⁾	800 ¹⁾	0.2 - 4	28-12
IEC	UL / CUL	CSA	IEC/ EN 60079-7
800 ¹⁾	250	600	-
32 ¹⁾ / 4	25 / -	20 / -	-
4	-	-	-
24 - 12	28-12	28-14	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 4	0.25 - 4	0.25 - 2.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 2.5
4	4	-	-
-	-	-	-
-	-	-	-
-	-	-	-
9			
M3			
0.6 - 0.8			
PA			
V2			

Technical data			
Width	Length	Height NS 35/7,5	
6.2	54	51.5	
Width	Length	Height NS 32	
6.2	54	56.5	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
40 ¹⁾	800 ¹⁾	0.5 - 6	-
IEC	UL / CUL	CSA	IEC/ EN 60079-7
800 ¹⁾	250	600	-
40 ¹⁾ / -	25 / -	20 / -	-
-	-	-	-
20 - 10	-	22-14	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.5 - 6	0.5 - 6	-	0.5 - 6
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
PA			
V2			

Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
UVKB 4-FS/FS(8-2,8-0,8)		1953017	50

Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
UHK 4-FS(8-2,8-0,8)		2017237	50

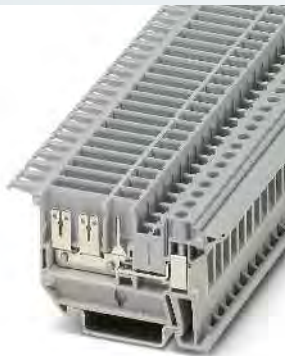
Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
UHK 4-FS/FS(12-2,8-0,8)		2017224	50

Accessories			
D-UVKB 4		1920024	50
FBI 10- 6	24 A	0203250	10
ISSBI 10- 6	24 A	0301505	10
IS-K 4		1302338	100
TS-K		1302215	50
PSB 3/10/4		0601292	10
PSBJ 3/13/4		0201304	10
ZB 6 (see Catalog 3)			

Accessories			
D-HK 4		2002022	50
EB 2- 6	30 A	0201155	100
EB 3- 6	30 A	0201142	100
EB 10- 6	30 A	0201139	10
D-UVK 4		1922022	50
SF-SL 0,6X3,5-100 S-VDE		1212587	10
ZB 6 (see Catalog 3)			

Accessories			
D-HK 4		2002022	50
D-UVK 4		1922022	50
ZB 6 (see Catalog 3)			

²⁾ Nominal current of the module connector per position: 13 A



2.5 (4) mm², 32 A, feed-through terminal block, with screw and slip-on connection



**6 (6) mm², 30 A, equipotential bond
terminal block with spade connection**



Cover and partition plate , width: 2.2 mm		gray
Insertion bridge , insulated	2	gray
	3	gray
	10	gray
Screwdriver		
Center groove labeling		

Accessories			
D-TP-VBS		0851026	50
EB 2- 6	24 A	0201155	100
EB 3- 6	24 A	0201142	100
EB 10- 6	24 A	0201139	10
SF-SL 0,6X3,5-100 S-VDE		1212587	10
ZB 6 (see Catalog 3)			

Accessories	
ZB 6 (see Catalog 3)	



For corresponding slip-on sleeves, see catalog 3.



© EAC RU

ZB 6 (see Catalog 3)

Cover , width: 1.3 mm		gray
Insertion bridge , insulated		
	2	gray
	3	gray
	10	gray
Screwdriver		
Center groove labeling		

Terminal blocks – Classic

UK universal terminal blocks with special connection

Double-level terminal blocks with screw/flat plug connection UKK ...

Notes:

Important note:

The notched partition plate must be removed to bridge the terminal blocks.

For corresponding slip-on sleeves, see catalog 3.

¹⁾ Current and voltage data for slip-on connections in acc. with EN 61210 are also dependent on nominal size, material, insulation of the receptacle and conductor cross section.



4 (4) mm², 20 A, double-level terminal block with screw and slip-on connection



Dimensions	
	[mm]
Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Rated cross section	[mm ²]
Cross section range	AWG
Connection capacity	
1 conductor	[mm ²]
2 conductors (of the same type)	[mm ²]
2 flexible conductors with a TWIN ferrule	[mm ²]
Max. cross section with insertion bridge	[mm ²]
General data	
Stripping length	[mm]
Screw thread	
Tightening torque	[Nm]
Insulating material	
Flammability rating in accordance with UL 94	

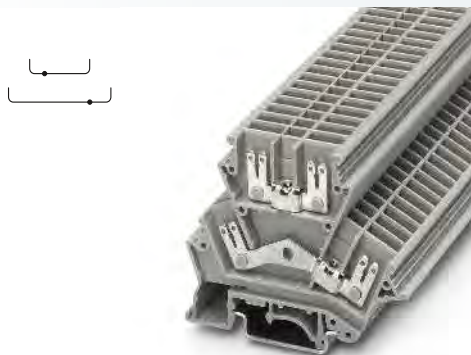
Technical data			
Width	Length	Height NS 35/7,5	
6.2	72	59	
Width	Length	Height NS 32	
6.2	72	64	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
20 ¹⁾	400 ¹⁾	0.2 - 4	30-10
IEC	UL / CUL	CSA	IEC/ EN 60079-7
400 ¹⁾	300	-	-
20 ¹⁾ / 4	20 / -	-	-
4	-	-	-
24 - 12	30-10	-	-
Connection capacity		Ferrule	
		Rigid	without/with plastic sleeve
1 conductor	[mm ²]	0.2 - 4	0.2 - 4
2 conductors (of the same type)	[mm ²]	0.2 - 1	0.2 - 1.5
2 flexible conductors with a TWIN ferrule	[mm ²]	-	-
Max. cross section with insertion bridge	[mm ²]	4	2.5
General data		8	
Stripping length	[mm]	M3	
Screw thread		0.6 - 0.8	
Tightening torque	[Nm]	PA	
Insulating material		V2	
Flammability rating in accordance with UL 94			

Description	No. of pos.	Color
Double-level terminal block, with disconnect knife, for mounting on NS 32... or NS 35..., with screw connection and slotted 6.3/2.8 mm flat connectors		gray
Double-level terminal block, with disconnect knife, for mounting on NS 32... or NS 35..., with slotted 6.3/2.8 mm flat connectors on both sides		gray

Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
UKK 4-FS		2770561	50

Cover, width: 1.5 mm		gray
Fixed bridge, isolated	10	silver
Insertion bridge, insulated	2	gray
	3	gray
	10	gray
Isolator bridge bar, divisible, with 10 screws, for switchable branches with IS-K...	10	silver
Bridge bar isolator, as distance piece for isolator bridge bar		gray
Test socket		silver
Test socket, insulated, can be used only with FBI and ISSBI		silver
Screwdriver		
Lateral groove labeling		

Accessories			
D-UKK 4		2770558	50
FBI 10- 6	20 A	0203250	10
EB 2- 6	20 A	0201155	100
EB 3- 6	20 A	0201142	100
EB 10- 6	20 A	0201139	10
ISSBI 10- 6	20 A	0301505	10
IS-K 4		1302338	100
PSB 3/10/4		0601292	10
PSBJ 3/13/4		0201304	10
SF-SL 0,6X3,5-100 S-VDE		1212587	10
ZB 6 (see Catalog 3)			



6 (6) mm², 20 A, double-level terminal block with spade connection

ERC 

Technical data

Width	Length	Height NS 35/7,5	
6.2	72	59	
Width	Length	Height NS 32	
6.2	72	64	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
20¹⁾	400¹⁾	0.5 - 6	-
IEC	UL / CUL	CSA	IEC/ EN 60079-7
400 ¹⁾	300	-	-
20 ¹⁾ / 4	20 / -	-	-
4	-	-	-
20 - 10	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.5 - 6	0.5 - 6	-	0.5 - 6
-	-	-	-
-	-	-	-
-	-	-	-

-
-
-
PA
V0

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
UKK 4-FS/FS		2771133	50

Accessories

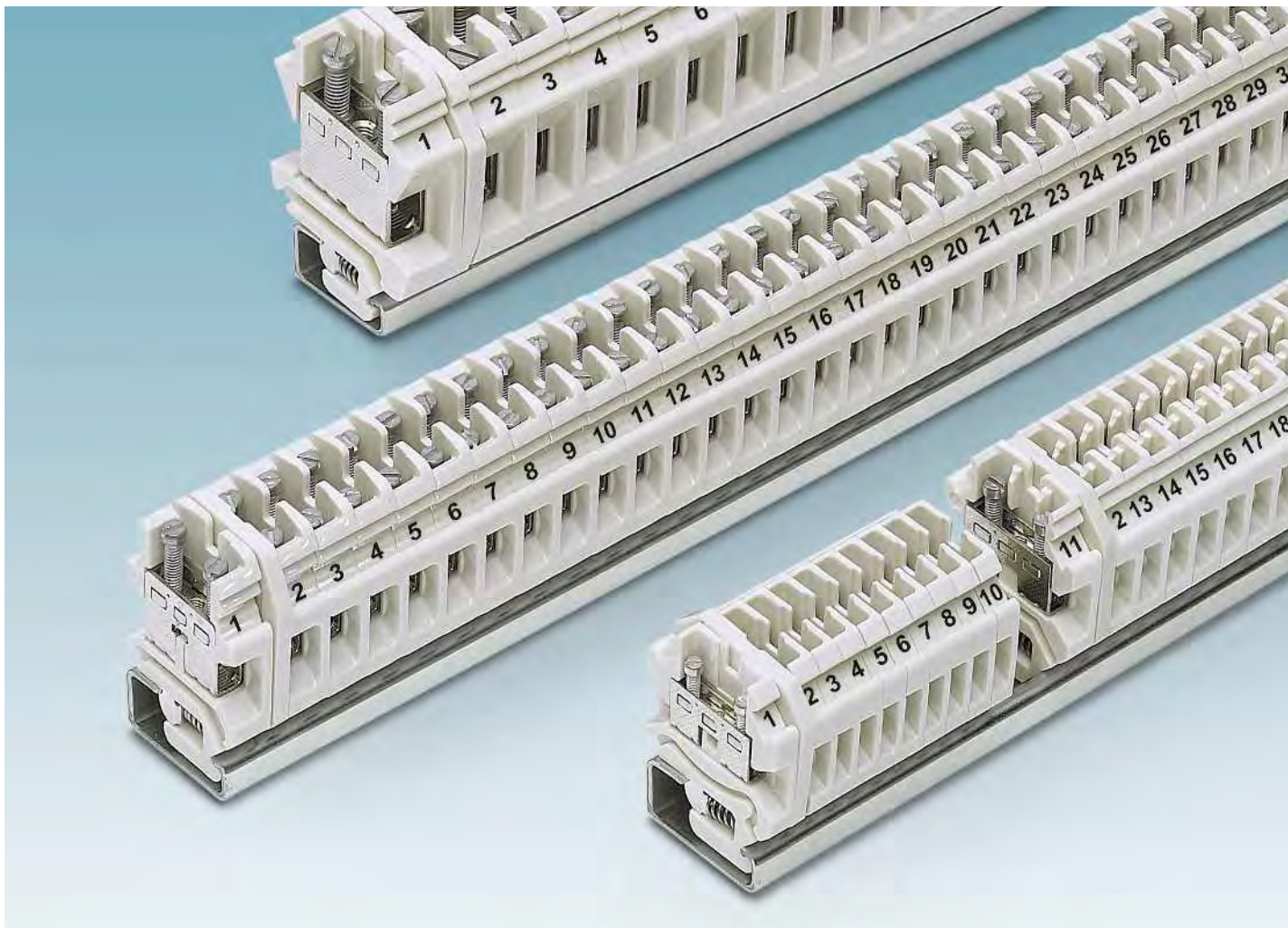
D-UKK 4		2770558	50
FBI 10- 6	20 A	0203250	10
ISSBI 10- 6	20 A	0301505	10
IS-K 4		1302338	100
PSB 3/10/4		0601292	10
PSBJ 3/13/4		0201304	10

ZB 6 (see Catalog 3)

Terminal blocks – Classic

SSK high-temperature terminal blocks

Ceramic terminal blocks SSK



i Your web code: #1403



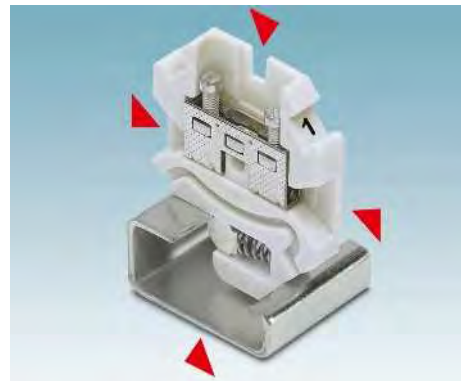
Safe in all applications

The SSK modular terminal blocks with ceramic isolation approved as standard for areas at risk of explosion are recommended for use anywhere with tough operating conditions, especially in terms of temperature and chemical aggressiveness.



For high-temperature applications

One of the key features of the ceramic terminal blocks is that they can be used continuously at high temperatures of up to 220°C. They are recommended for sites with high thermal requirements and extreme changes in temperature.



Compact design

Given the space-saving design, SSK ceramic terminal blocks are ideally suited to control systems in tight spaces.

Ceramic feed-through terminal blocks SSK ...

- Compact design
- Mounting on G DIN rail NS 32
- Secure snapping into place using snap lock in terminal block foot
- Simple potential distribution, thanks to chain bridging

Notes:

1) For information on installation and using accessories for Ex applications, see page 678.



4 (4) mm², 32 A, feed-through terminal block



Ex: EAC Ex
KIWA 17ATEX0022 U / IECEx KIWA17.0009U

Technical data

Dimensions		Width		Length		Height NS 32	
		[mm]		6.2		38	
Maximum electrical data		I_{max} [A]		U_{max} [V]		max. Ø [mm ²]	
		32		690		0.2 - 4	
Rated data		IEC 60947-7-1		UL / CUL		CSA	
Rated voltage		690		-		600	
Nominal current / cross section		24 / 2.5		-		20 / -	
Rated cross section		2.5		-		0.2-4	
Cross section range		24 - 12		-		22-12	
Connection capacity screw connection		Rigid		Flexible		Ferrule without/with plastic sleeve	
1 conductor		0.2 - 4		0.2 - 4		0.25 - 2.5	
2 conductors (of the same type)		0.2 - 1.5		0.2 - 1.5		0.25 - 1.5	
2 flexible conductors with a TWIN ferrule		-		-		-	
General data		9		M3		0.5 - 0.6	
Stripping length		[mm]		Ceramics			
Screw thread							
Tightening torque		[Nm]					
Material							

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Terminal block, for mounting on NS 32...		ivory	SSK 0525 KER-EX		0501059	50

Accessories¹⁾

Cover, 4 mm width		white	D-SSK 0525 KER		0201061	50
Chain bridge, with screw			KB- 6	34 A	0201472	100
End clamp, for DIN rail NS 32		silver	E/1		1201044	100
Screwdriver	1	silver	SF-SL 0,6X3,5-100 S-VDE		1212587	10
Lateral groove labeling			ZB 6 (see Catalog 3)			

Terminal blocks – Classic

SSK high-temperature terminal blocks

Ceramic feed-through terminal blocks SSK ...

- Compact design
- Mounting on G DIN rail NS 32
- Secure snapping into place using snap lock in terminal block foot
- Simple potential distribution, thanks to chain bridging

Notes:

¹⁾ For information on installation and using accessories for Ex applications, see page 678.



6 (10) mm², 57 A, feed-through terminal block



Ex: EAC Ex

KIWA 17ATEX0022 U / IECEx KIWA17.0009U

Technical data

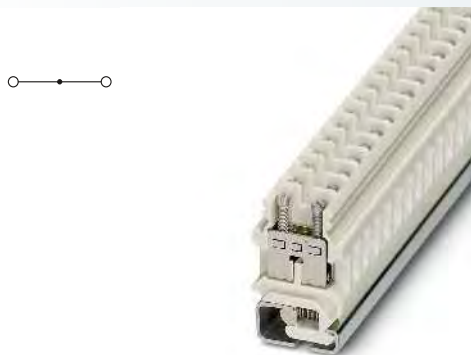
Dimensions		Width	Length	Height NS 32	
		8.4	38	51	
Maximum electrical data		I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
		57	800	0.5 - 10	-
		IEC 60947-7-1			
Rated data		IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	800	-	600	440
Nominal current / cross section	[A] / [mm ²]	41 / 6	-	55 / -	36.5 / 6
Rated cross section	[mm ²]	6	-	-	0.5-6
Cross section range	AWG	20 - 8	-	26-8	20 - 8
Connection capacity screw connection		Rigid	Flexible	Ferrule	
1 conductor	[mm ²]	0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 4
2 conductors (of the same type)	[mm ²]	0.5 - 2.5	0.5 - 2.5	0.5 - 2.5	-
2 flexible conductors with a TWIN ferrule	[mm ²]	-	-	-	0.5 - 2.5
General data					
Stripping length	[mm]	10			
Screw thread		M4			
Tightening torque	[Nm]	1.5 - 1.8			
Material		Ceramics			

Ordering data

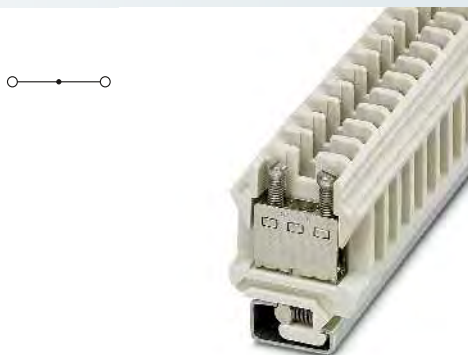
Description	No. of pos.	Color	Type	I _{max}	Order No.	Pcs./Pkt.
Terminal block, for mounting on NS 32...		ivory	SSK 110 KER-EX		0502058	50

Accessories¹⁾

Cover, 4 mm width		white	D-SSK 110 KER		0202060	50
Chain bridge, with screw	1	silver	KB- 8	43 A	0202206	100
End clamp, for DIN rail NS 32		silver	E/1		1201044	100
Screwdriver			SF-SL 0,6X3,5-100 S-VDE		1212587	10
Lateral groove labeling			ZB 8 (see Catalog 3)			



10 (16) mm², 76 A, feed-through terminal block



25 (35) mm², 125 A, feed-through terminal block



Ex: EAC Ex IEC 60947-7-1
KIWA 17ATEX0022 U / IECEx KIWA17.0009U

Technical data

Width	Length	Height NS 32	
10.4	38	55	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
76	630	0.5 - 16	-
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
630	-	600	440
57 / 10	-	80 / -	55 / 10
10	-	-	0.5-10
20 - 6	-	24-6	20 - 6
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.5 - 16	0.5 - 10	0.5 - 10	0.5 - 6
0.5 - 4	0.5 - 4	0.5 - 4	-
-	-	-	0.5 - 6

11
M4
1.5 - 1.8
Ceramics

Ordering data

Type	I _{max}	Order No.	Pcs./Pkt.
SSK 116 KER-EX		0503057	50

Accessories¹⁾

D-SSK 116 KER		0203069	50
KB- 10	57 A	0203205	100
E/1		1201044	100
SZS 1,0X4,0 VDE		1205066	10

ZB 10 (see Catalog 3)



Ex: EAC Ex IEC 60947-7-1
KIWA 17ATEX0022 U / IECEx KIWA17.0009U

Technical data

Width	Length	Height NS 32	
15.3	53	67	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
125	800	1 - 35	-
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
800	-	600	550
101 / 35	-	140 / -	101 / 25
35	-	-	1-25
18 - 2	-	14-2	18 - 2
Rigid	Flexible	Ferrule without/with plastic sleeve	
1 - 35	1 - 25	0.75 - 25	0.75 - 16
0.75 - 10	0.75 - 10	0.75 - 10	-
-	-	-	0.75 - 10

16
M6
3.2 - 3.7
Ceramics

Ordering data

Type	I _{max}	Order No.	Pcs./Pkt.
SSK 135 KER-EX		0505055	10

Accessories¹⁾

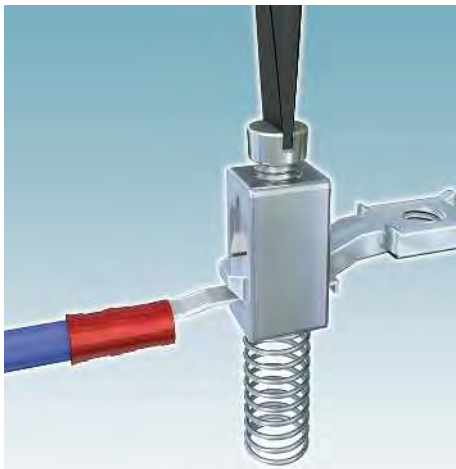
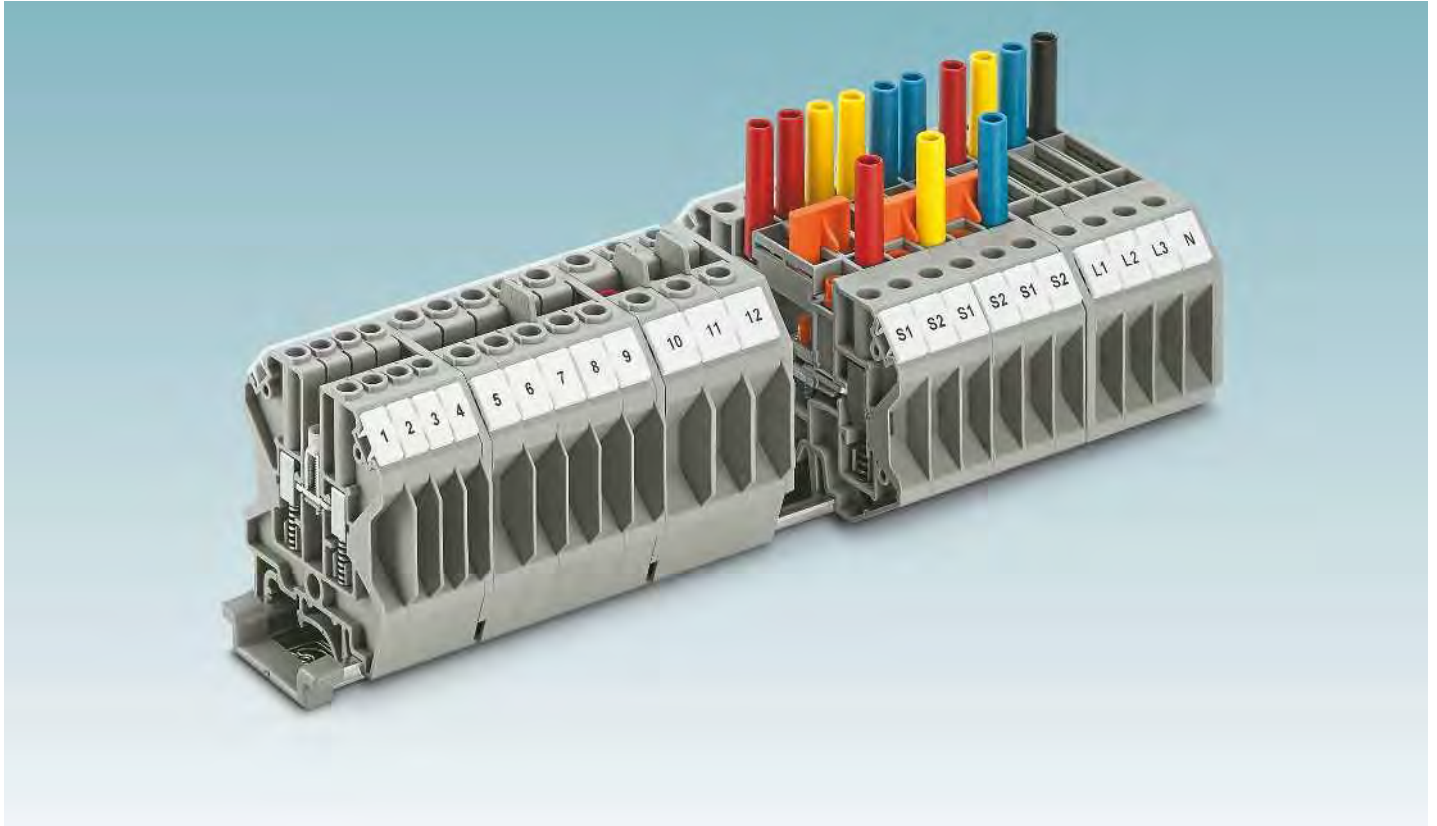
D-SSK 135 KER		0205067	50
KBI- 15	108 A	0205203	10
E/1		1201044	100
SZS 1,0X4,0 VDE		1205066	10

ZB 15 (see Catalog 3)

Terminal blocks – Classic

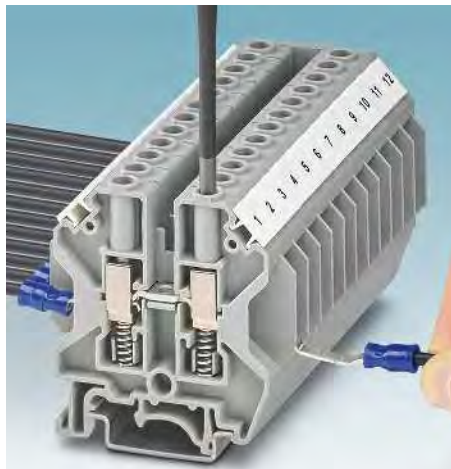
USST spring-assisted screw terminal blocks

Spring-assisted screw terminal blocks USST ...



Spring-assisted screw connection

The opened terminal block body is pressed down to make contact with the conductor. Tightening the terminal screw produces the perfect electric connection.



Hooked cable lug

This cable lug is shaped like a hook, allowing it to lock in the spring in the terminal block body for a secure connection.



Test accessories

The familiar test, switching, and bridging accessories from Phoenix Contact are used in the USST modular terminal blocks.

Spring-assisted feed-through terminal blocks USST 4

- The modular terminal blocks USST ... were developed especially for use in the energy supply sector
- When combined with hook-type cable lugs, the spring-assisted screw terminal blocks optimally meet the technical requirements of ENATS 50-18
- Universal foot for mounting on NS 32 and or NS 35 DIN rails
- The bridge bar isolator switching bridges ISSBI ... enable switchable cross connections with IS-K The screw functions as a current-carrying switching element
- Large-surface marking options of every terminal point

Space-saving conductor connection

The flat-ribbon cable lugs with C-BCI ... SO hooks enable vertical crimping (see figure below), which means that conductors in the nominal cross-section can be wired without loss of pitch in a way that saves space. Further information about flat-ribbon cable lugs with hooks can be found at phoenixcontact.net/products.

Notes:

Corresponding flat-ribbon cable lugs with C-BCI ... hooks can be found in Catalog 3 or at phoenixcontact.net/products



4 (6) mm², 41 A, feed-through terminal block



Dimensions	
Dimensions	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Rated cross section	[mm ²]
Cross section range	AWG
Connection capacity	
1 conductor	[mm ²]
2 conductors (of the same type)	[mm ²]
2 flexible conductors with a TWIN ferrule	[mm ²]
General data	
Stripping length	[mm]
Screw thread	
Tightening torque	[Nm]
Insulating material	
Flammability rating in accordance with UL 94	

Technical data			
Width	Length	Height NS 35/7,5	
6.2	59.6	51	
Width	Length	Height NS 32	
6.2	59.6	56	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
41	1000	0.2 - 6	24-10
IEC 60947-7-1	UL / CUL	CSA	IEC/EN 60079-7
1000	600	600	-
32 / 4	30 / -	30 / -	-
4	-	-	-
24 - 10	24-10	24-10	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 6	0.2 - 4	0.25 - 4	0.25 - 2.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 2.5
10	M3	0.6 - 0.8	PA
0.6 - 0.8	PA	V0	

Description	No. of pos.	Color
Terminal block, for mounting on NS 32... or NS 35...		gray

Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
USST 4		3070338	50

Cover, width: 2.2 mm	gray
Partition plate, 2 mm wide	gray
Fixed bridge, isolated	10 silver
Isolator bridge bar, divisible, with 10 screws, for switchable branches with IS-K...	10 silver
Bridge bar isolator, as distance piece for isolator bridge bar	gray
Separating disk, for separation of neighboring bridges, can be fitted later, no loss of pitch	gray
Test socket	silver
Test socket, insulated, can be used only with FBI and ISSBI	silver
Screwdriver	
Lateral groove labeling	

Accessories			
D-USST 4/10		3070370	50
TPNS-UK		0706647	50
FBI 10- 6	38 A	0203250	10
ISSBI 10- 6	30 A	0301505	10
IS-K 4		1302338	100
TS-USST 4/10		3070383	50
PSB 3/10/4		0601292	10
PSBJ 3/13/4		0201304	10
SF-SL 0,6X3,5-100 S-VDE		1212587	10
UC-TM 6, UCT-TM 6 or ZB 6 (see Catalog 3)			



Terminal blocks – Classic

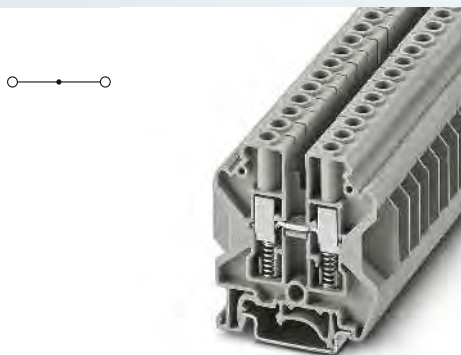
USST spring-assisted screw terminal blocks

Spring-assisted feed-through terminal blocks USST 6 and USST 10

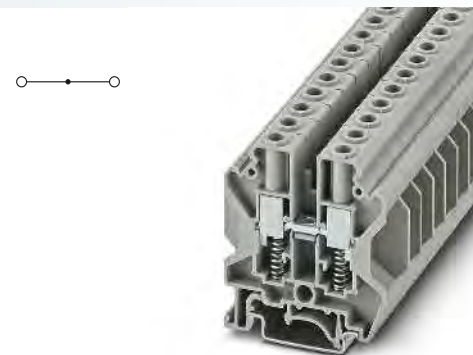
– Terminal blocks USST 4 to USST 10 are of the same shape

Notes:

For other test sockets, see page 587.



6 (10) mm², 57 A, feed-through terminal block



10 (16) mm², 76 A, feed-through terminal block



Technical data

Dimensions	Width	Length	Height NS 35/7,5
	8.2	59.6	51
Dimensions	Width	Length	Height NS 32
	8.2	59.6	56
Maximum electrical data	I _{max} [A]	U _{max} [V]	max. Ø [mm²] AWG (UL)
	57	1000	0.2 - 10 24-10
Rated data	IEC 60947-7-1 IEC	UL / CUL	CSA IEC/ EN 60079-7
Rated voltage	1000	600	600 -
Nominal current / cross section	41 / 6	30 / -	30 / - -
Rated cross section	6	-	- -
Cross section range	24 - 8	24-10	24-10 -
Connection capacity	Rigid	Flexible	Ferrule without/with plastic sleeve
1 conductor	0.2 - 10	0.2 - 6	0.25 - 6 0.25 - 6
2 conductors (of the same type)	0.2 - 2.5	0.2 - 2.5	0.25 - 1.5 -
2 flexible conductors with a TWIN ferrule	-	-	- 0.5 - 4
General data			
Stripping length	12		
Screw thread	M4		
Tightening torque	1.5 - 1.8		
Insulating material	PA		
Flammability rating in accordance with UL 94	V0		



Technical data

Dimensions	Width	Length	Height NS 35/7,5
	10.2	59.6	51
Dimensions	Width	Length	Height NS 32
	10.2	59.6	56
Maximum electrical data	I _{max} [A]	U _{max} [V]	max. Ø [mm²] AWG (UL)
	76	1000	0.5 - 16 20-6
Rated data	IEC 60947-7-1 IEC	UL / CUL	CSA IEC/ EN 60079-7
Rated voltage	1000	600	600 -
Nominal current / cross section	57 / 10	65 / -	65 / - -
Rated cross section	10	-	- -
Cross section range	20 - 6	20-6	20-6 -
Connection capacity	Rigid	Flexible	Ferrule without/with plastic sleeve
0.5 - 16	0.5 - 10	0.5 - 10	0.5 - 6
0.5 - 4	0.5 - 4	0.5 - 2.5	-
-	-	-	0.5 - 6
General data			
Stripping length	12		
Screw thread	M4		
Tightening torque	1.5 - 1.8		
Insulating material	PA		
Flammability rating in accordance with UL 94	V0		

Ordering data

Description	No. of pos.	Color	Type	I _{max}	Order No.	Pcs./Pkt.
Terminal block, for mounting on NS 32... or NS 35...		gray	USST 6		3070341	50

Ordering data

Description	No. of pos.	Color	Type	I _{max}	Order No.	Pcs./Pkt.
Terminal block, for mounting on NS 32... or NS 35...		gray	USST 10		3070354	50

Accessories

Cover, width: 2.2 mm	gray	D-USST 4/10	3070370	50
Partition plate, 2 mm wide	gray	TPNS-UK	0706647	50
Fixed bridge, isolated	10	FBI 10- 8	52 A 0203263	10
Isolator bridge bar, divisible, with 10 screws, for switchable branches with IS-K...	10	ISSBI 10- 8	38 A 0301534	10
Bridge bar isolator, as distance piece for isolator bridge bar	gray	IS-K 10	1303337	100
Separating disk, for separation of neighboring bridges, can be fitted later, no loss of pitch	gray	TS-USST 4/10	3070383	50
Test socket, for test connection with test plug PS	silver	PSB 4/7/6	0303299	10
Test socket, insulated, for UK 6 N, UK 10 N and URTK/SP and USST 10 terminal blocks, M4 thread	transparent			
	blue			
	yellow			
	white			
	black			
	red			
Short-circuit plug, for short circuiting neighboring terminal blocks, fully insulated, 2-pos., I _{max} 20 A	black	KSS 8	0311540	10
Short-circuit plug, for short circuiting neighboring terminal blocks, can only be used with PSB or PSBJ, with 8.2 mm pitch	black	KSS 4- 8	0309549	10
Screwdriver		SZS 1,0X4,0 VDE	1205066	10
Lateral groove labeling		UC-TM 8, UCT-TM 8 or ZB 8 (see Catalog 3)		

Accessories

Cover, width: 2.2 mm	gray	D-USST 4/10	3070370	50
Partition plate, 2 mm wide	gray	TPNS-UK	0706647	50
Fixed bridge, isolated	10	FBI 10-10	70 A 0203276	10
Isolator bridge bar, divisible, with 10 screws, for switchable branches with IS-K...	10	ISSBI 10-10	41 A 0301521	10
Bridge bar isolator, as distance piece for isolator bridge bar	gray	IS-K 10	1303337	100
Separating disk, for separation of neighboring bridges, can be fitted later, no loss of pitch	gray	TS-USST 4/10	3070383	50
Test socket, for test connection with test plug PS	silver	PSB 4/7/6	0303299	10
Test socket, insulated, for UK 6 N, UK 10 N and URTK/SP and USST 10 terminal blocks, M4 thread	transparent			
	blue			
	yellow			
	white			
	black			
	red			
Short-circuit plug, for short circuiting neighboring terminal blocks, fully insulated, 2-pos., I _{max} 20 A	black	KSS 10	0310541	10
Short-circuit plug, for short circuiting neighboring terminal blocks, can only be used with PSB or PSBJ, with 8.2 mm pitch	black	KSS 4-10	0308540	10
Screwdriver		SZS 1,0X4,0 VDE	1205066	10
Lateral groove labeling		UC-TM 10, UCT-TM 10 or ZB 10 (see Catalog 3)		

Spring-assisted disconnect and knife disconnect terminal blocks

- Standardized disconnect zone
- Various function plugs are available for use in the disconnect terminal blocks
- For corresponding function plugs, see page 415

Notes:

¹⁾ U_{max} 300 V

Corresponding flat-ribbon cable lugs with C-BCI ... hooks can be found in Catalog 3 or at phoenixcontact.net/products



4 (6) mm², 20 A, disconnect terminal block, 2 connections



4 (6) mm², 20 A, knife disconnect terminal block, 2 connections



Technical data			
Width	Length	Height NS 35/7,5	
6.2	63.4	57.3	
Width	Length	Height NS 32	
6.2	63.4	62.3	
I _{max.} [A]	U _{max.} [V]	max. Ø [mm²]	AWG (UL)
20	500	0.2 - 6	24-10
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	600	600	-
20 / 4	20	20 / -	-
4	-	-	-
24 - 10	24-10	24-10	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 6	0.2 - 4	0.25 - 4	0.25 - 2.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 2.5
10			
M3			
0.6 - 0.8			
PA			
V0			

Ordering data				
Description	No. of pos.	Color	Type	I _{max}
Terminal block, for mounting on NS 35...		gray	USST 4-TG	3070301
With test socket screws ¹⁾		gray	USST 4-TG P/P	3070303

Accessories				
Cover, width: 2.2 mm	gray	D-USST 4-MT	3070304	50
Partition plate, 2 mm wide	gray	TPNS-UK	0706647	50
Fixed bridge, isolated	10	FBI 10- 6	0203250	10
Isolator bridge bar, divisible, with 10 screws, for switchable branches with IS-K...	10	ISSBI 10- 6	0301505	10
Bridge bar isolator, as distance piece for isolator bridge bar	gray	IS-K 4	1302338	100
Separating disk, for separation of neighboring bridges, can be fitted later, no loss of pitch	gray	TS-USST 4/10	3070383	50
Test socket	silver	PSB 3/10/4	0601292	10
Test socket, insulated, can be used only with FBI and ISSBI	silver	PSBJ 3/13/4	0201304	10
Screwdriver		SF-SL 0,6X3,5-100 S-VDE	1212587	10
Screwdriver, for disconnect slide and test socket		SZG 0,6X3,5 VDE	1205121	10

Lateral groove labeling	UC-TM 6, UCT-TM 6 or ZB 6 (see Catalog 3)
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Technical data			
Width	Length	Height NS 35/7,5	
6.2	63.4	57.3	
Width	Length	Height NS 32	
6.2	63.4	62.3	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
20	500	0.2 - 6	24-10
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	600	600	-
20 / 4	20	20 / -	-
4	-	-	-
24 - 10	24-10	24-10	-
Rigid	Flexible	Ferrule	
		without/with plastic sleeve	
0.2 - 6	0.2 - 4	0.25 - 4	0.25 - 2.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 2.5
10			
M3			
0.6 - 0.8			
PA			
V0			

Ordering data				
Description	No. of pos.	Color	Type	I _{max}
Terminal block, for mounting on NS 35...		gray	USST 4-MT	3070300
With test socket screws ¹⁾		gray	USST 4-MT P/P	3070302

Accessories				
Cover, width: 2.2 mm	gray	D-USST 4-MT	3070304	50
Partition plate, 2 mm wide	gray	TPNS-UK	0706647	50
Fixed bridge, isolated	10	FBI 10- 6	0203250	10
Isolator bridge bar, divisible, with 10 screws, for switchable branches with IS-K...	10	ISSBI 10- 6	0301505	10
Bridge bar isolator, as distance piece for isolator bridge bar	gray	IS-K 4	1302338	100
Separating disk, for separation of neighboring bridges, can be fitted later, no loss of pitch	gray	TS-USST 4/10	3070383	50
Test socket	silver	PSB 3/10/4	0601292	10
Test socket, insulated, can be used only with FBI and ISSBI	silver	PSBJ 3/13/4	0201304	10
Screwdriver		SF-SL 0,6X3,5-100 S-VDE	1212587	10
Screwdriver, for disconnect slide and test socket		SZG 0,6X3,5 VDE	1205121	10

Lateral groove labeling	UC-TM 6, UCT-TM 6 or ZB 6 (see Catalog 3)
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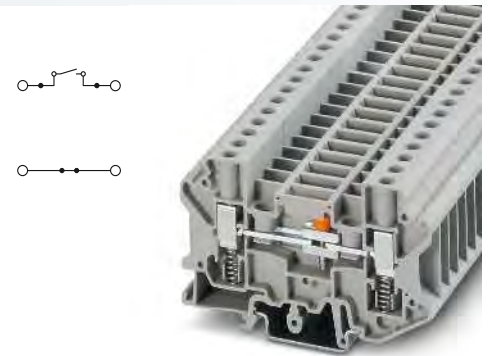
USST spring-assisted screw terminal blocks

Spring-assisted test disconnect and feed-through terminal blocks

- The USST 6-T test disconnect terminal block has been developed specifically for use in current transformer secondary circuits
- Can be fitted on both sides with fixed bridges as well as test sockets with a 4 mm diameter
- Terminal block and accessories were designed to be touch-proof as per BGV A2

PROJECT complete planning enables the quick and convenient planning and configuration of error-free terminal strips.

Notes:
For more test sockets, visit phoenixcontact.net/products
For more short-circuit plugs, visit phoenixcontact.net/products



6 (10) mm², 57 A, test disconnect terminal block



Dimensions	
	[mm]
Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Rated cross section	[mm ²]
Cross section range	AWG
Connection capacity	
1 conductor	[mm ²]
2 conductors (of the same type)	[mm ²]
2 flexible conductors with a TWIN ferrule	[mm ²]
General data	
Stripping length	[mm]
Screw thread	
Tightening torque	[Nm]
Insulating material	
Flammability rating in accordance with UL 94	

Technical data				
Width	Length	Height NS 35/7,5		
8.2	82	52		
Width	Length	Height NS 32		
8.2	82	57		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
57	500	0.2 - 10	24-10	
IEC 60947-7-1	UL / CUL	CSA	IEC/ EN 60079-7	
500	600	600	-	
41 / 6	30 / -	30 / -	-	
6	-	-	-	
24 - 8	24-10	24-10	-	
Connection capacity	Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	0.2 - 10	0.2 - 6	0.25 - 6	0.25 - 6
2 conductors (of the same type)	0.2 - 2.5	0.2 - 2.5	0.25 - 1.5	-
2 flexible conductors with a TWIN ferrule	-	-	-	0.5 - 4
General data				
Stripping length	[mm]	12		
Screw thread		M4		
Tightening torque	[Nm]	1.5 - 1.8		
Insulating material		PA		
Flammability rating in accordance with UL 94		V0		

Description	No. of pos.	Color
Test disconnect terminal block , for mounting on NS 32... or NS 35...		gray
Feed-through terminal block , for mounting on NS 32... or NS 35...		gray

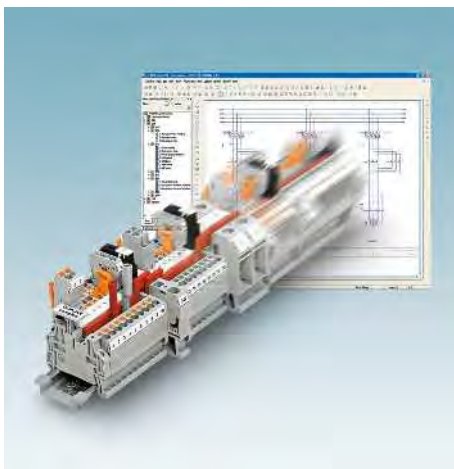
Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
USST 6-T		3070312	50

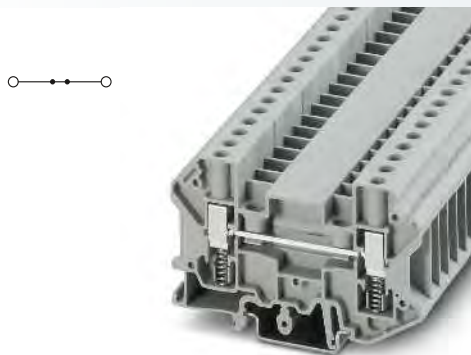
Cover , width: 2.2 mm	gray
Fixed bridge , isolated	
	10 silver
	white
Switching lock , excludes the possibility of an unintentional operation of the disconnect slide	
Test socket , insulated	transparent blue yellow green violet black black
Short-circuit plug , for short circuiting neighboring terminal blocks, fully insulated, 2-pos., I _{max} 20 A	black
Short-circuit plug , for short circuiting neighboring terminal blocks, can only be used with PSB or PSBJ, with 8.2 mm pitch	black
Screwdriver	
Screwdriver , for disconnect slide and test socket	

Accessories			
D-USST 6-T		3070367	50
FBRI 10-8 N	45 A	2772080	10
S-URTK/SP		0311155	50
PSBJ-URTK 6 FARBLOS		3026450	10
PSBJ-URTK 6 BU		3026434	10
PSBJ-URTK 6 YE		3026405	10
PSBJ-URTK 6 GN		3026418	10
PSBJ-URTK 6 VT		3026421	10
PSBJ-URTK 6 BK		3026447	10
KSS 8		0311540	10
KSS 4-8		0309549	10
SZS 1,0X4,0 VDE		1205066	10
SF-SL 0,6X3,5-100 S-VDE		1212587	10

Lateral groove labeling

UC-TM 8, UCT-TM 8 or ZB 8 (see Catalog 3)





6 (10) mm², 57 A, feed-through terminal block,
same shape



Technical data

Width	Length	Height NS 35/7,5	
8.2	82	52	
Width	Length	Height NS 32	
8.2	82	57	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
57	500	0.2 - 10	24-10
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	600	-	-
41 / 6	30 / -	-	-
6	-	-	-
24 - 8	24-10	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 10	0.2 - 6	0.25 - 6	0.25 - 6
0.2 - 2.5	0.2 - 2.5	0.25 - 1.5	-
-	-	-	0.5 - 4

12
M4
1.5 - 1.8
PA
V0

Ordering data

Type	I _{max}	Order No.	Pcs./Pkt.
USSTD 6		3070325	50

Accessories

D-USST 6-T		3070367	50
FBRI 10-8 N	45 A	2772080	10
PSBJ-URTK 6 FARBLOS		3026450	10
PSBJ-URTK 6 BU		3026434	10
PSBJ-URTK 6 YE		3026405	10
PSBJ-URTK 6 GN		3026418	10
PSBJ-URTK 6 VT		3026421	10
PSBJ-URTK 6 BK		3026447	10
KSS 8		0311540	10
KSS 4- 8		0309549	10
SZS 1,0X4,0 VDE		1205066	10

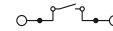
UC-TM 8, UCT-TM 8 or ZB 8
(see Catalog 3)

Terminal blocks – Classic

USST spring-assisted screw terminal blocks

Spring-assisted test disconnect and feed-through terminal blocks

Notes:
1) When the switching bridge is used, U_{max} is reduced to 400 V.
2) For additional test sockets, visit phoenixcontact.net/products



6 (10) mm², 57 A, test disconnect terminal block, for accommodating switching bridges, 2 connections



Dimensions	
	[mm]
Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]
Rated cross section	[mm²]
Cross section range	AWG
Connection capacity	
1 conductor	[mm²]
2 conductors (of the same type)	[mm²]
2 flexible conductors with a TWIN ferrule	[mm²]
General data	
Stripping length	[mm]
Screw thread	
Tightening torque	[Nm]
Insulating material	
Flammability rating in accordance with UL 94	

Technical data			
Width	Length	Height NS 35/7,5	
8.2	82	52	
Width	Length	Height NS 32	
8.2	82	57	
I_{max} [A]	U_{max} [V]	max. Ø [mm²]	AWG (UL)
57	500¹)	0.2 - 10	24-10
IEC 60947-7-1	UL / CUL	CSA	IEC/ EN 60079-7
500¹)	600	-	-
41 / 6	30 / -	-	-
6	-	-	-
24 - 8	24-10	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 10	0.2 - 6	0.25 - 6	0.25 - 6
0.2 - 2.5	0.2 - 2.5	0.25 - 1.5	-
-	-	-	0.5 - 4
12	M4	1.5 - 1.8	PA
12	M4	1.5 - 1.8	V0

Description	No. of pos.	Color
Test disconnect terminal block, for mounting on NS 32... or NS 35...		gray

Ordering data			
Type	I_{max}	Order No.	Pcs./Pkt.
USST 6-T/SB		3070310	50

Cover, width: 2.2 mm		gray
Switching bridge		
	2	orange
	3	orange
	4	orange
Switching bridge, complete with test sockets		
	2	orange
	3	orange
	4	orange
Fixed bridge	10	silver
Isolator bridge bar	10	silver
Test socket		gray
Test socket, insulated²)		brown
		black
		red
		orange
		yellow
		green
		violet
Short-circuit plug, for short circuiting neighboring terminal blocks, fully insulated, 2-pos., I_{max} 20 A		black
Screwdriver		
Screwdriver, for disconnect slide and test socket		
Lateral groove labeling		

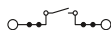
Accessories			
D-USST 6-T		3070367	50
SB 6-T 2-8	32 A	3075842	10
SB 6-T 3-8	32 A	3075843	10
SB 6-T 4-8	32 A	3075844	10
SBP 6-T 2-8	20 A	3070321	10
SBP 6-T 3-8	20 A	3070322	10
SBP 6-T 4-8	20 A	3070323	10
SCBI 10-8,15	30 A	3245134	10
SCBI 10-8,15 ISO	24 A	3000417	10
TPS 3/20/5		3246586	10
PSBJ 6-T GY		3070316	10
PSBJ 6-T BN		3070317	10
PSBJ 6-T BK		3070318	10
PSBJ 6-T RD		3070319	10
PSBJ 6-T OG		3070320	10
PSBJ 6-T YE		3070326	10
PSBJ 6-T GN		3070327	10
PSBJ 6-T VT		3070328	10
KSS 8		0311540	10
SZS 1,0X4,0 VDE		1205066	10
SF-SL 0,6X3,5-100 S-VDE		1212587	10
UC-TM 8, UCT-TM 8 or ZB 8 (see Catalog 3)			

Spring-assisted test disconnect and feed-through terminal blocks

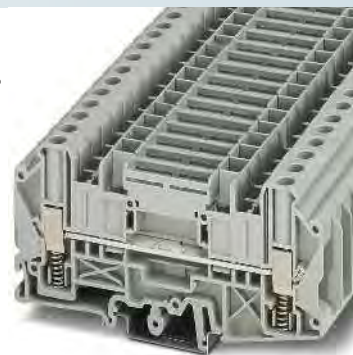
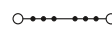
Notes:

¹⁾ For additional test sockets, visit phoenixcontact.net/products

For further separating disks, visit phoenixcontact.net/products



10 (10) mm², 50 A, test disconnect terminal block



6 (10) mm², 50 A, feed-through terminal block, same shape



Technical data			
Width	Length	Height NS 35/7,5	
8.2	105.2	53	
Width	Length	Height NS 32	
8.2	105.2	58	
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
50	1000	0.2 - 10	20-8
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1000	600	-	-
41 / 6	50	-	-
6	-	-	-
24 - 8	20-8	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 10	0.2 - 10	0.25 - 6	0.25 - 6
0.2 - 2.5	0.2 - 2.5	0.2 - 1.5	-
-	-	-	-
12			
M4			
1.5 - 1.8			
PA			
V0			



Technical data			
Width	Length	Height NS 35/7,5	
8.2	105.2	53	
Width	Length	Height NS 32	
8.2	105.2	58	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
50	1000	0.2 - 10	20-8
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1000	600	-	-
41 / 6	50	-	-
6	-	-	-
24 - 8	20-8	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 10	0.2 - 6	0.25 - 6	0.25 - 6
0.2 - 2.5	0.2 - 2.5	0.25 - 1.5	-
-	-	-	-
12			
M4			
1.5 - 1.8			
PA			
V0			

Ordering data				
Description	No. of pos.	Color	Type	I _{max} Order No. Pcs./Pkt.
Test disconnect terminal block, for mounting on NS 32... or NS 35...		gray	USST 6-T/SP	3070330 50
Feed-through terminal block, for mounting on NS 32... or NS 35...		gray		

Accessories				
D-UT 6-T/SP	3072816	50		
FBS 2-8	41 A 3030284	10		
FBS 3-8	41 A 3030297	10		
FBS 10-8	41 A 3030323	10		
SB 6-T 2-8	32 A 3075842	10		
SB 6-T 3-8	32 A 3075843	10		
SB 6-T 4-8	32 A 3075844	10		

SBP 6-T 2-8	20 A 3070321	10		
SBP 6-T 3-8	20 A 3070322	10		
SBP 6-T 4-8	20 A 3070323	10		
SCBI 10-8,15 ISO	24 A 3000417	10		
TPS 3/20/5	3246586	10		
PSBJ 6-T GY	3070316	10		
KSS 8	0311540	10		
KSS 4-8	0309549	10		
SZS 1,0X4,0 VDE	1205066	10		
SF-SL 0,6X3,5-100 S-VDE	1212587	10		

UC-TM 8, UCT-TM 8 or ZB 8 (see Catalog 3)	
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Ordering data				
Type	I _{max}	Order No.	Pcs./Pkt.	
USSTD 6/SP		3070331	50	

Accessories				
D-UT 6-T/SP	3072816	50		
FBS 2-8	41 A 3030284	10		
FBS 3-8	41 A 3030297	10		
FBS 10-8	41 A 3030323	10		

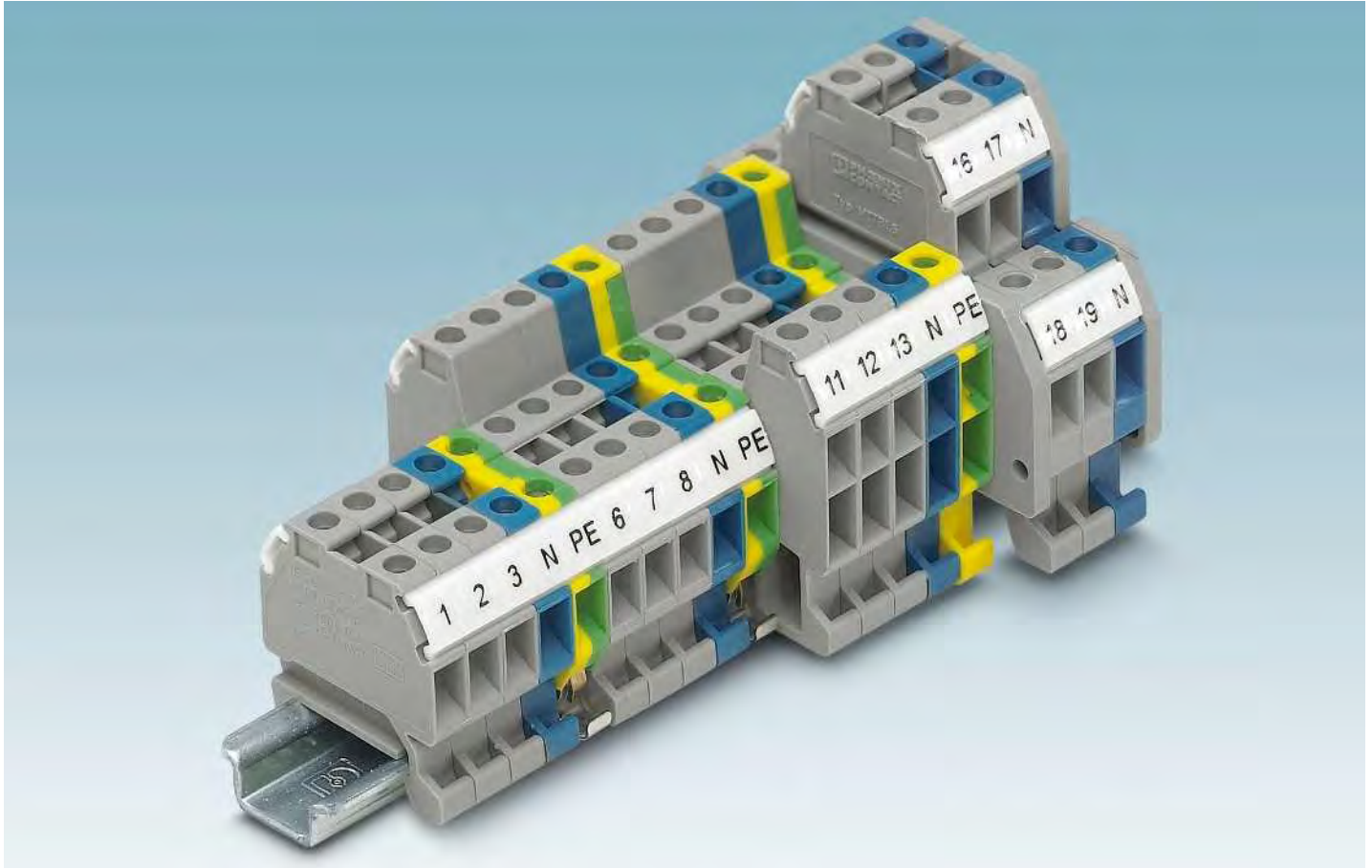
SBP 6-T 2-8	20 A 3070321	10		
SBP 6-T 3-8	20 A 3070322	10		
SBP 6-T 4-8	20 A 3070323	10		
TPS 3/20/5	3246586	10		
PSBJ 6-T GY	3070316	10		
KSS 8	0311540	10		
KSS 4-8	0309549	10		
SZS 1,0X4,0 VDE	1205066	10		
SF-SL 0,6X3,5-100 S-VDE	1212587	10		

UC-TM 8, UCT-TM 8 or ZB 8 (see Catalog 3)	
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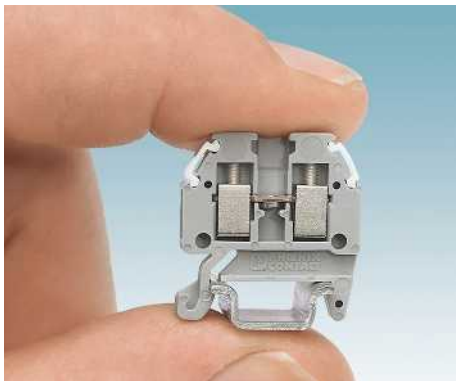
Terminal blocks – Classic

MT and MBK mini screw terminal blocks

Miniature terminal blocks MT ...



i Your web code: #0059



Miniature modular terminal blocks

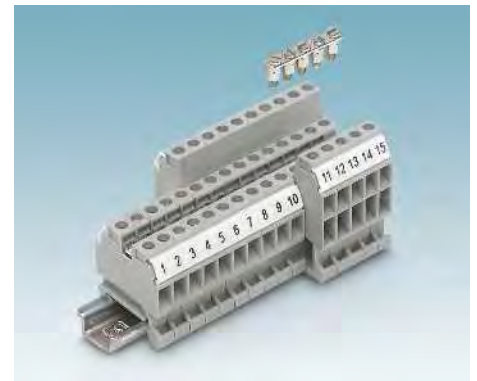
The MT miniature screw terminal blocks may be tiny but they can be marked and bridged just like their larger cousins. With a pitch of 4.2 mm and a connection cross section of 1.5 mm², they permit convenient wiring in tight spaces.



Universal and zero-maintenance

The screw connection of the miniature terminal blocks MT is characterized by three main features.

- Global standard
- Multiple conductor connection
- Zero maintenance thanks to Reakdyn principle



Continuous potential distribution

Potential branching is one of the most common tasks in control unit construction. The MT miniature terminal blocks are available as three-conductor and four-conductor versions. A large number of switching tasks can be undertaken in the terminal strip with the linear bridge shaft.

Miniature feed-through terminal blocks MT ..., for NS 15 DIN rail

Their compact design means that the micro terminals MT 1,5 can keep pace with the growing need for ever smaller switch boxes

The miniature terminal blocks have everything that makes the modular terminal blocks stand out:

- Design width of just 4.2 mm
- Nominal cross section of 1.5 mm²
- Snap-on foot for DIN rails NS 15
- Numerous labeling options
- Bridging facility in terminal center

Potential branching is one of the main tasks of modular terminal blocks in control unit construction.

- The three- or four-conductor terminal blocks MT 1,5-TWIN or MT 1,5-QUATTRO undertake this work in very tight spaces
- The MUT ... miniature terminal blocks can be found in the section on 4 mm² UT screw connection terminal blocks
- The amount of space saved is maximized with the double-level micro terminal MTTB 1,5
- This double-level terminal block contains two feed-through levels which can be bridged independently of one another
- Can be used on both the 15 mm DIN rail NS 15 and the 35 mm DIN rail NS 35

Notes:

For mini screw terminal blocks with plug-in bridges, see page 157



1.5 (1.5) mm², 17.5 A, feed-through terminal block

Ex: EAC Ex

Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Rated cross section	[mm ²]
Cross section range	AWG
Connection capacity	
1 conductor	[mm ²]
2 conductors (of the same type)	[mm ²]
General data	
Stripping length	[mm]
Screw thread	
Tightening torque	[Nm]
Insulating material	
Flammability rating in accordance with UL 94	

Technical data			
Width	Length	Height NS 15	
4.2	22	23.5	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
17.5	400	0.14 - 1.5	30-14
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
400	300	300	275
17.5 / 1.5	15 / -	15 / -	-
1.5	-	-	-
26 - 16	30-14	28-14	0.14-1.5
Connection capacity		Ferrule	
Rigid	Flexible	without/with plastic sleeve	
0.14 - 1.5	0.14 - 1.5	0.25 - 0.75	0.25 - 0.75
0.14 - 0.5	0.14 - 0.5	0.25 - 0.34	-
6			
M2			
0.22 - 0.25			
PA			
V0			

Description	No. of pos.	Color
Terminal block, for mounting on NS 15 in acc. with EN 60715		gray
		blue

Cover, width: 1 mm		gray
		blue
Fixed bridge, isolated	10	silver
Screwdriver		
Lateral groove labeling		

Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
MT 1,5		3100305	50
MT 1,5 BU		3003363	50

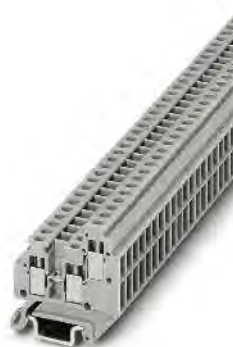
Accessories			
D-MT 1,5		3100321	50
D-MT 1,5 BU		3025529	50
FBRN 10-4 N	12 A	3001624	10
SZS 0,4X2,5 VDE		1205037	10
ZBF 4 (see Catalog 3)			

Terminal blocks – Classic

MT and MBK mini screw terminal blocks

Miniature feed-through terminal blocks with 3 and 4 connections MT ..., for NS 15 DIN rail

- Design width of just 4.2 mm
- Nominal cross section of 1.5 mm²
- Snap-on foot for DIN rails NS 15
- Numerous labeling options
- Bridging facility in terminal center



1.5 (1.5) mm², 17.5 A, feed-through terminal block, 3 connections



1.5 (1.5) mm², 16 A, feed-through terminal block, 4 connections



Technical data

Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Rated cross section	[mm ²]
Cross section range	AWG
Connection capacity	
1 conductor	[mm ²]
2 conductors (of the same type)	[mm ²]
General data	
Stripping length	[mm]
Screw thread	
Tightening torque	[Nm]
Insulating material	
Flammability rating in accordance with UL 94	

Width	Length	Height NS 15	
4.2	27.8	24.4	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
17.5	400	0.14 - 1.5	30-14
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
400	300	300	-
17.5 / 1.5	15 / -	15 / -	-
1.5	-	-	-
26 - 16	30-14	28-14	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.14 - 1.5	0.14 - 1.5	0.25 - 0.75	0.25 - 0.75
0.14 - 0.5	0.14 - 0.5	0.25 - 0.34	-



Technical data

Width	Length	Height NS 15	
4.2	33.5	30	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
16	400	0.14 - 1.5	30-14
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
400	300	300	-
16 / 1.5	15 / -	15 / -	-
1.5	-	-	-
26 - 16	30-14	28-14	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.14 - 1.5	0.14 - 1.5	0.25 - 0.75	0.25 - 0.75
0.14 - 0.5	0.14 - 0.5	0.25 - 0.34	-

Ordering data

Description	No. of pos.	Color
Terminal block, for mounting on NS 15 in acc. with EN 60715		gray
		blue

Type	I _{max}	Order No.	Pcs./Pkt.
MT 1,5-TWIN		3001682	50
MT 1,5-TWIN BU		3025532	50

Accessories

Cover, width: 1 mm	gray
Fixed bridge, isolated	blue
Screwdriver	10 silver
Lateral groove labeling	

D-MT 1,5-TWIN	3002979	50
FBRN 10-4 N	12 A	3001624
SZS 0,4X2,5 VDE		1205037
ZBF 4 (see Catalog 3)		

Ordering data

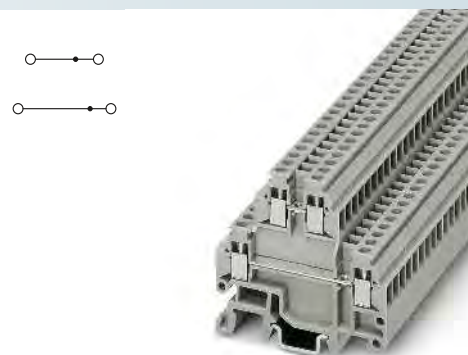
Type	I _{max}	Order No.	Pcs./Pkt.
MT 1,5-QUATTRO		3001679	50
MT 1,5-QUATTRO BU		3025150	50

Accessories

D-MT 1,5-QUATTRO	3002982	50
D-MT 1,5-QUATTRO BU	3025309	50
FBRN 10-4 N	12 A	3001624
SZS 0,4X2,5 VDE		1205037
ZBF 4 (see Catalog 3)		

Miniature double-level terminal blocks MTTB 1,5

- Design width of just 4.2 mm
- Nominal cross section of 1.5 mm²
- Snap-on foot for DIN rails NS 15 and NS 35
- Numerous labeling options
- Bridging facility on both levels
- Even if fully wired, the level offset offers unobstructed access to the lower connection level



1.5 (1.5) mm², 17.5 A, double-level terminal block



Dimensions	
	[mm]
Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Rated cross section	[mm ²]
Cross section range	AWG
Connection capacity	
1 conductor	[mm ²]
2 conductors (of the same type)	[mm ²]
General data	
Stripping length	[mm]
Screw thread	
Tightening torque	[Nm]
Insulating material	
Flammability rating in accordance with UL 94	

Technical data			
Width	Length	Height NS 35/7,5	
4.2	44	41	
Width	Length	Height NS 15	
4.2	44	41	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
17.5	400	0.14 - 1.5	-
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
400	-	300	-
17.5 / 1.5	- / -	15 / -	-
1.5	-	-	-
26 - 16	-	28-14	-
Rigid	Flexible	Ferrule	
		without/with plastic sleeve	
0.14 - 1.5	0.14 - 1.5	0.25 - 0.75	0.25 - 0.75
0.14 - 0.5	0.14 - 0.5	0.25 - 0.34	-
6			
M2			
0.22 - 0.25			
PA			
VO			

Description	No. of pos.	Color
Double-level terminal block, with universal foot, for mounting on NS 15 or NS 35 in accordance with EN 60715		gray
		blue

Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
MTTB 1,5		1414129	50
MTTB 1,5 BU		3000926	50

Cover, 4 mm width	gray
Spacer cover, compensates for level offset if standard terminal blocks are to be fitted adjacently, 2 mm thick	gray
Spacer plate, compensates for level offset if standard terminal blocks are to be fitted adjacently, 2 mm thick	gray
Fixed bridge, isolated	
	10
Screwdriver	silver
Lateral groove labeling	

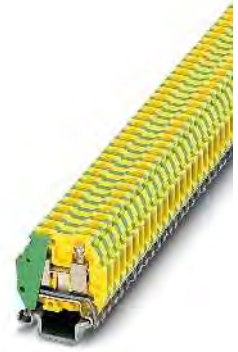
Accessories			
D-MTTB 1,5		3002665	50
DG-MTTB 1,5		3002678	50
DP-MTTB 1,5		3002681	50
FBRN 10-4 N	12 A	3001624	10
SZS 0,4x2,5 VDE		1205037	10
ZBF 4 (see Catalog 3)			

Terminal blocks – Classic

MT and MBK mini screw terminal blocks

Miniature ground terminal blocks MT ...-PE, for NS 15 DIN rails

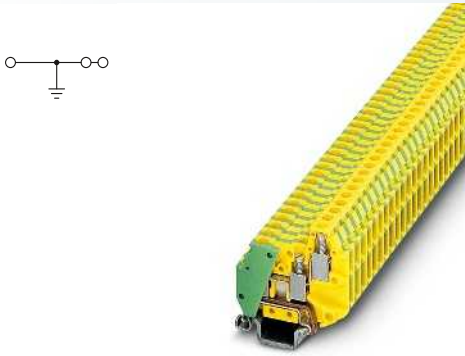
- Same shape and pitch as the feed-through terminal blocks
- The MT ...-PE fulfill all requirements of the IEC 60947-7-2 standard
These are in particular:
 - Low contact resistances
 - Green-yellow housing
 - Corrosion-proof terminal points
 - Captive clamping screws



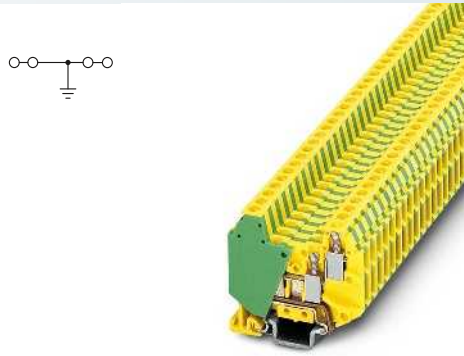
1.5 (1.5) mm², ground terminal block



Dimensions		Technical data			
	[mm]	Width	Length	Height NS 15	
Maximum electrical data		4.2	22	23.5	
				max. Ø [mm²]	AWG (UL)
				0.14 - 1.5	30-14
Rated data		IEC 60947-7-2			
		IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	-	-	-	-
Nominal current / cross section	[A] / [mm²]	- / -	-	- / -	-
Rated cross section	[mm²]	1.5	-	-	-
Cross section range	AWG	26 - 16	30-14	28-14	0.14-1.5
Connection capacity		Rigid	Flexible	Ferrule	
		without/with plastic sleeve			
1 conductor	[mm²]	0.14 - 1.5	0.14 - 1.5	0.25 - 0.75	0.25 - 0.75
2 conductors (of the same type)	[mm²]	-	-	-	-
General data					
Stripping length	[mm]	6			
Screw thread		M2			
Tightening torque	[Nm]	0.22 - 0.25			
Insulating material		PA			
Flammability rating in accordance with UL 94		V0			
Ordering data					
Type			Order No.	Pcs./Pkt.	
MT 1,5-PE			3100318	50	
Accessories					
SZS 0,4X2,5 VDE			1205037	10	
Lateral groove labeling					
ZBF 4 (see Catalog 3)					



1.5 (1.5) mm², ground terminal block,
3 connections



1.5 (1.5) mm², ground terminal block,
4 connections



Technical data			
Width	Length	Height NS 15	
4.2	28	30	
		max. Ø [mm ²]	AWG (UL)
		0.14 - 1.5	30-14
IEC 60947-7-2			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
- / -	-	- / -	-
1.5	-	-	-
26 - 16	30-14	28-14	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.14 - 1.5	0.14 - 1.5	0.25 - 0.75	0.25 - 0.75
-	-	-	-
6			
M2			
0.22 - 0.25			
PA			
V0			

Ordering data		
Type	Order No.	Pcs./Pkt.
MT 1,5-TWIN-PE	3001705	50

Accessories		
SZS 0,4X2,5 VDE	1205037	10
ZBF 4 (see Catalog 3)		

Technical data			
Width	Length	Height NS 15	
4.2	33.5	30	
		max. Ø [mm ²]	AWG (UL)
		0.14 - 1.5	30-14
IEC 60947-7-2			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
- / -	-	- / -	-
1.5	-	-	-
26 - 16	30-14	28-14	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.14 - 1.5	0.14 - 1.5	0.25 - 0.75	0.25 - 0.75
-	-	-	-
6			
M2			
0.22 - 0.25			
PA			
V0			

Ordering data		
Type	Order No.	Pcs./Pkt.
MT 1,5-QUATTRO-PE	3001695	50

Accessories		
SZS 0,4X2,5 VDE	1205037	10
ZBF 4 (see Catalog 3)		

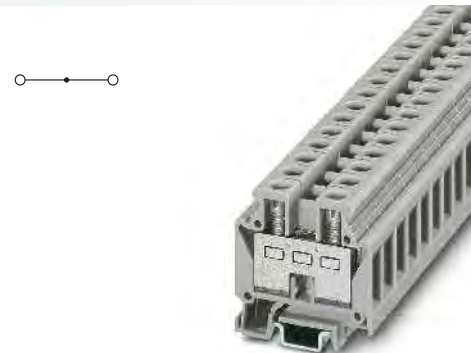
Terminal blocks – Classic

MT and MBK mini screw terminal blocks

Miniature feed-through terminal blocks MBK ...

- The MBK ... and MSLKG ... terminal blocks represent the top end of the mini terminal block range for 15 mm NS 15 DIN rails
- MBK ... terminal blocks can be bridged in the terminal center
- Lateral marking with ZB zack marker strip terminal marking for tall marker groove
- Cross sections of up to 6 mm² can be easily wired
- Extensive bridging material, such as fixed bridges, insertion bridges and switchable bridges, enable simple and reliable potential branching
- A separating disk, partition plate, and test socket complete the range of accessories
- The MUT ... miniature terminal blocks can be found in the section on 4 mm² UT screw connection terminal blocks

Notes:
For 2.5 mm ² mini screw terminal blocks with bridges, see page 157.
For 4 mm ² mini screw terminal blocks with bridges, see page 171.
1) For information on installation and using accessories for Ex applications, see page 678.



6 (10) mm², 57 A, feed-through terminal block



Ex: Ex EAC Ex IEC
KEMA 01ATEX2134U / IECEX KEM 07.0008U

Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Rated cross section	[mm ²]
Cross section range	AWG
Connection capacity	
1 conductor	[mm ²]
2 conductors (of the same type)	[mm ²]
2 flexible conductors with a TWIN ferrule	[mm ²]
Max. cross section with insertion bridge	[mm ²]
General data	
Stripping length	[mm]
Screw thread	
Tightening torque	[Nm]
Insulating material	
Flammability rating in accordance with UL 94	

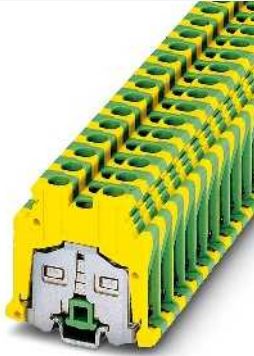
Technical data			
Width	Length	Height NS 15	
8.2	35	36	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
57	500	0.5 - 10	26-8
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	600	300	275
41 / 6	50 / -	50 / -	37 / 6
6	-	-	0.5-6
20 - 8	26-8	26-8	20 - 8
Rigid		Flexible	Ferrule
			without/with plastic sleeve
0.5 - 10	0.5 - 6	0.25 - 6	0.25 - 6
0.5 - 2.5	0.5 - 2.5	0.5 - 2.5	-
-	-	-	0.5 - 2.5
6	4	-	-
10			
M4			
1.5 - 1.8			
PA			
V2			

Description	No. of pos.	Color
Terminal, for mounting on NS 15		gray
Ground terminal block, for mounting on NS 15		green-yellow

Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
MBK 6/E		0552024	50

Cover, width: 1.5 mm		gray
Insertion bridge, fully insulated		
	2	gray
	3	gray
	4	gray
	10	gray
Fixed bridge, isolated		
	10	silver
Switching bridge for 2 terminal blocks, complete, mounted with short or long link in accordance with required separation		
	2	silver
Bridge bar isolator, as distance piece for isolator bridge bar		gray
Separating disk, for separation of neighboring bridges, can be fitted later, no loss of pitch		gray
Partition plate, for visual and electrical separation of terminal groups, 2.5 mm thick		gray
Test socket, for test connection with test plug PS		silver
Screwdriver		
Lateral groove labeling		

Accessories ¹⁾			
D-MBK 6/E		1413049	50
EB 2- 8	43 A	0202154	100
EB 3- 8	43 A	0202141	100
EB 4- 8	43 A	0202142	100
EB 10- 8	43 A	0202138	10
FBI 10- 8	48 A	0203263	10
SB 2- 8/13	43 A	0202235	1
IS-K 10		1303337	100
TS-KK 3		2770215	50
ATP-MBK		1413227	50
PSB 4/7/6		0303299	10
SZS 1,0X4,0 VDE		1205066	10
ZB 8 (see Catalog 3)			



KEMA 01ATEX2134U / IECEx KEM 07.0008U

Width	Length	Height NS 15	
8.2	39	36	
		max. Ø [mm²]	AWG (UL)
		0.5 - 10	26-8
IEC 60947-7-2			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
- / -	-	- / -	- / 6
6	-	-	0.5-6
20 - 8	26-8	26-8	20 - 8
Rigid	Flexible		Ferrule
		without/with plastic sleeve	
0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 6
0.5 - 2.5	0.2 - 2.5	0.5 - 1.5	-
-	-	-	0.5 - 2.5
-	-	-	-

10
M4
1.5 - 1.8
PA
V2

Type	Order No.	Pcs./Pkt.
MSLKG 6	1410505	50

SZS 1.0X4.0 VDE	1205066	10
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SZS 1,0X4,0 VDE	1205066	10
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ZB 8 (see Catalog 3)

Terminal blocks – Classic

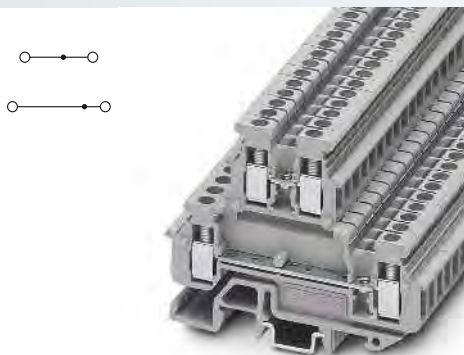
MT and MBK mini screw terminal blocks

Mini double-level terminal blocks MBKKB 2,5 ...

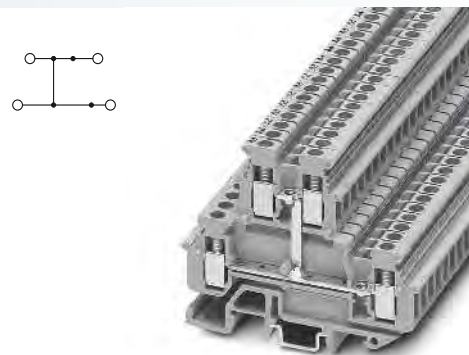
- The miniature double-level terminal block is characterized by its space-saving, low height and offset levels
- Fixed bridges and test sockets can be inserted on both levels

Notes:

¹⁾ For information on installation and using accessories for Ex applications, see page 678.



2.5 (4) mm², 24 A, double-level terminal block



2.5 (4) mm², 24 A, double-level terminal block, internally connected levels



Ex: EAC Ex IEC Ex
KEMA 03ATEX2082 U / IECEx KEM 07.0018U

Technical data

Dimensions	
	[mm]
Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]
Rated cross section	[mm²]
Cross section range	AWG
Connection capacity	
1 conductor	[mm²]
2 conductors (of the same type)	[mm²]
2 flexible conductors with a TWIN ferrule	[mm²]
Max. cross section with insertion bridge	[mm²]
General data	
Stripping length	[mm]
Screw thread	
Tightening torque	[Nm]
Insulating material	
Flammability rating in accordance with UL 94	

Width	Length	Height NS 35/7,5	
5.2	62	48	
Width	Length	Height NS 15	
5.2	62	47.5	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
24	500	0.2 - 4	30-12
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	300	300	275
24 / 2.5	20 / -	20 / -	21 / 2.5
2.5	-	-	0.2-2.5
24 - 12	30-12	28-12	24 - 12
Rigid	Flexible	Ferrule	
		without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 1.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 1
2.5	2.5	-	-
7			
M3			
0.5 - 0.6			
PA			
V2			

Ordering data

Description	No. of pos.	Color
Double-level terminal block, with universal foot, for mounting on NS 15 or NS 35... in accordance with EN 60715		gray
		blue
Double-level terminal block, with universal foot, for mounting on NS 15 or NS 35... in accordance with EN 60715, with equipotential bonding between the levels		gray
		blue

Type	I _{max}	Order No.	Pcs./Pkt.
MBKKB 2,5		1414064	50
MBKKB 2,5 BU		1414077	50

Accessories¹⁾

Cover, width: 5 mm		gray
		blue
Spacer plate, compensates for level offsets, width: 2.5 mm		gray
Fixed bridge, isolated		
	2	silver
	3	silver
	4	silver
	10	silver
Insertion bridge, for 5.2 mm pitch, fully insulated		
	2	gray
	3	gray
	10	gray
Separating disk, for separation of neighboring bridges, can be fitted later, no loss of pitch		gray
Test socket		silver
Screwdriver		
Lateral groove labeling		

D-MBKKB 2,5		1413052	50
D-MBKKB 2,5 BU		1413081	50
DP-MBKKB 2,5		1413065	50
FBRNI 2-5 N	22 A	3000175	10
FBRNI 3-5 N	22 A	3000162	10
FBRNI 4-5 N	22 A	3000159	10
FBRNI 10-5 N	22 A	2770639	10
EB 2- 5	20 A	1401158	100
EB 3- 5	20 A	1401145	100
EB 10- 5	20 A	1401132	10
TS-KK 3 SO		2778534	50
PSB 3/10/4		0601292	10
SF-SL 0,6X3,5-100 S-VDE		1212587	10
ZB 5 (see Catalog 3)			

Technical data

Width	Length	Height NS 35/7,5	
5.2	62	48	
Width	Length	Height NS 15	
5.2	62	47.5	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
24	500	0.2 - 4	30-12
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	300	-	-
24 / 2.5	20 / -	-	-
2.5	-	-	-
24 - 12	30-12	-	-
Rigid	Flexible	Ferrule	
		without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 1.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 1
2.5	2.5	-	-
7			
M3			
0.5 - 0.6			
PA			
V2			

Ordering data

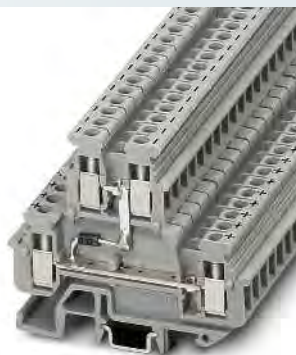
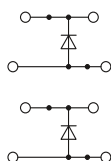
Type	I _{max}	Order No.	Pcs./Pkt.
MBKKB 2,5-PV		2800583	50
MBKKB 2,5-PV BU		1414132	50

Accessories¹⁾

D-MBKKB 2,5		1413052	50
D-MBKKB 2,5 BU		1413081	50
DP-MBKKB 2,5		1413065	50
FBRNI 2-5 N	22 A	3000175	10
FBRNI 3-5 N	22 A	3000162	10
FBRNI 4-5 N	22 A	3000159	10
FBRNI 10-5 N	22 A	2770639	10
EB 2- 5	20 A	1401158	100
EB 3- 5	20 A	1401145	100
EB 10- 5	20 A	1401132	10
TS-KK 3 SO		2778534	50
PSB 3/10/4		0601292	10
SF-SL 0,6X3,5-100 S-VDE		1212587	10
ZB 5 (see Catalog 3)			

Mini double-level terminal blocks with diode, MBKKB 2,5...

- Thanks to the different versions of double-level diode terminal blocks, it is possible to carry out a great variety of switching tasks
- The following can be realized in tight spaces: Free-wheeling diode circuits, lamp test circuits, reporting and fault reporting circuits



2.5 (4) mm², 24 A, double-level terminal block, with built-in 1N 4007 diode

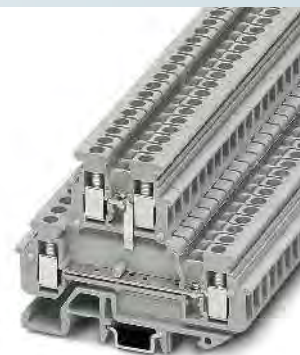
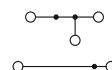
ERC

Technical data			
Width	Length	Height NS 35/7,5	
5.2	62	48	
Width	Length	Height NS 15	
5.2	62	47.5	
I _{max.} [A]	U _{max.} [V]	max. Ø [mm²]	AWG (UL)
24	500 ¹⁾	0.2 - 4	-
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500 ¹⁾	-	-	-
24 / 2.5	-	-	-
2.5	-	-	-
24 - 12	-	-	-
Rigid	Flexible	Ferrule	
		without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 2.5
0.2 - 1	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 1.5
2.5	2.5	-	-
7			
M3			
0.5 - 0.6			
PA			
V2			

Ordering data				
Type	I_{max}	Order No.	Pcs./Pkt.	
MBKKB 2,5-DIO/O-U		2800567	50	
MBKKB 2,5-DIO/U-O		2800570	50	

Accessories				
D-MBKKB 2,5		1413052	50	
DP-MBKKB 2,5		1413065	50	
FBRNI 2-5 N	22 A	3000175	10	
FBRNI 3-5 N	22 A	3000162	10	
FBRNI 4-5 N	22 A	3000159	10	
FBRNI 10-5 N	22 A	2770639	10	
SF-SL 0,6X3,5-100 S-VDE		1212587	10	

ZB 5 (see Catalog 3)



2.5 (4) mm², 24 A, double-level terminal block for soldering in components

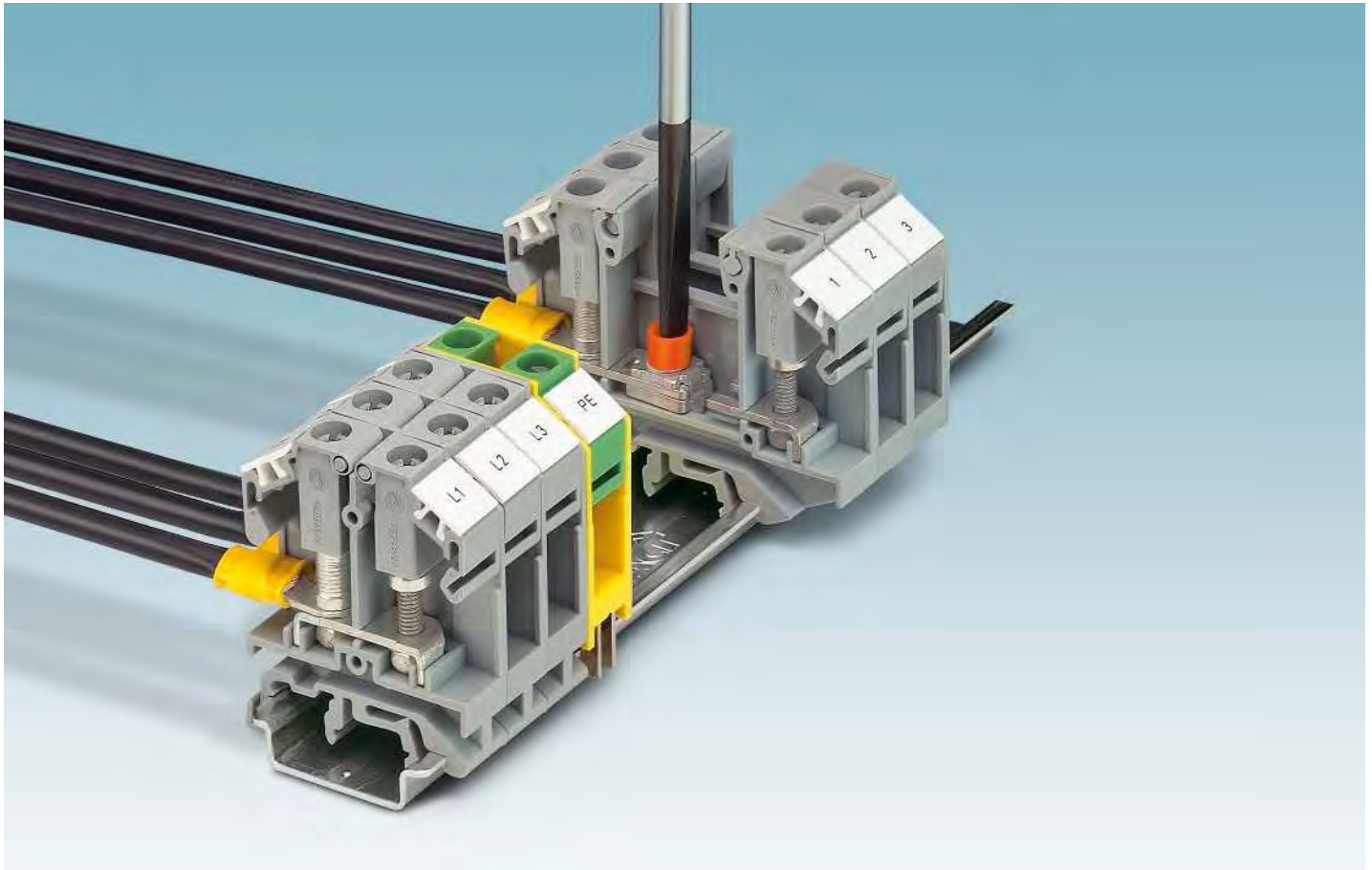
ERC

Technical data			
Width	Length	Height NS 35/7,5	
5.2	62	48	
Width	Length	Height NS 15	
5.2	62	47.5	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
24	500 ¹⁾	0.2 - 4	-
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500 ¹⁾	-	-	-
24 / 2.5	-	-	-
2.5	-	-	-
24 - 12	-	-	-
Rigid	Flexible	Ferrule	
		without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 2.5
0.2 - 1	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 1.5
2.5	2.5	-	-
7			
M3			
0.5 - 0.6			
PA			
V2			

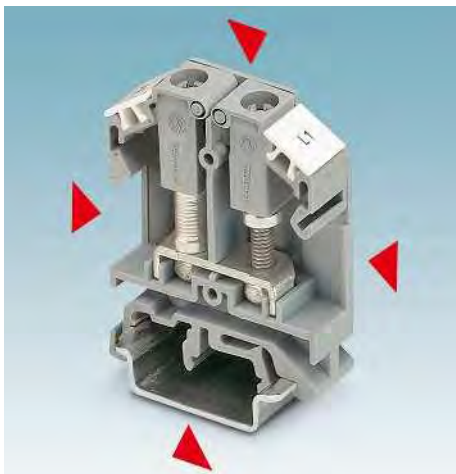
Ordering data				
Type	I_{max}	Order No.	Pcs./Pkt.	
MBKKB 2,5-BE		1414103	50	

Accessories				
D-MBKKB 2,5		1413052	50	
DP-MBKKB 2,5		1413065	50	
FBRNI 2-5 N	22 A	3000175	10	
FBRNI 3-5 N	22 A	3000162	10	
FBRNI 4-5 N	22 A	3000159	10	
FBRNI 10-5 N	22 A	2770639	10	
SF-SL 0,6X3,5-100 S-VDE		1212587	10	

ZB 5 (see Catalog 3)

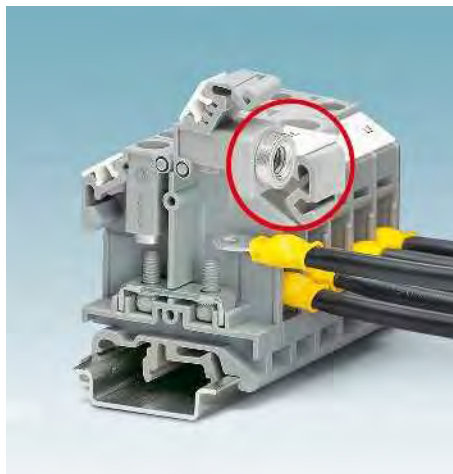


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Space-saving design

Thanks to their compact type, OTTA bolt connection terminal blocks are ideally suited for switchgear, in which space is limited.



Fast, convenient conductor connection

The key feature of this range is the hinged cover which can be swiveled open and which features a captive cap nut. This guarantees quick and easy ring cable lug wiring.



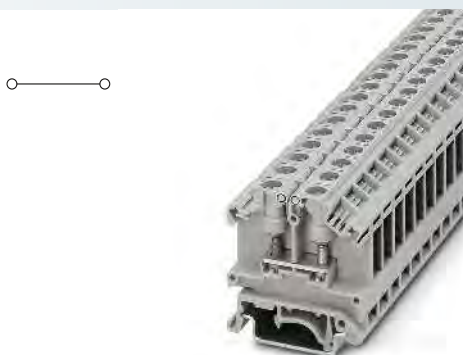
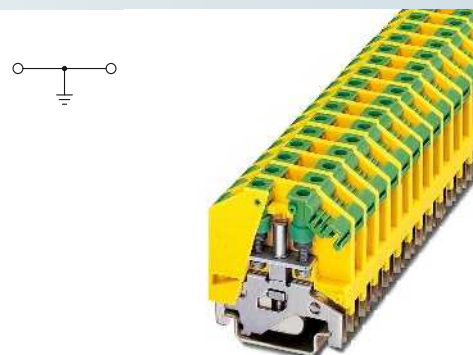
Integrated shock protection

In addition to securing the cap nuts, the hinged cover offers simultaneous shock protection when using insulated ring cable lugs.

OTTA bolt connection terminal blocks

OTTA ... feed-through and ground terminal blocks

- Convenient and fast conductor connection with captive cap nuts
- Safe use, even in applications which are subject to the most stringent requirements regarding shock and vibration
- Space-saving, compact design
- Integrated screw locking

2.5 (2.5) mm², 24 A, feed-through terminal block2.5 (2.5) mm², ground terminal block

Technical data

Dimensions	Width	Length	Height NS 35/7,5
	9	43.5	45.5
Dimensions	Width	Length	Height NS 32
	9	43.5	50.5
Maximum electrical data	I _{max} [A]	U _{max} [V]	max. Ø [mm ²] AWG (UL)
	24	800	0.1 - 2.5 -
Rated data	IEC 60947-7-1 IEC	UL / CUL	CSA IEC/ EN 60079-7
Rated voltage [V]	800	600	600 -
Nominal current / cross section [A] / [mm ²]	24 / 2.5	20 / -	20 / - -
Rated cross section [mm ²]	2.5	-	- -
Cross section range AWG	26 - 14	-	22-14 -
Connection capacity, DIN 46234			
Cable lugs, DIN 46234 [mm ²]	0.1 - 2.5		
Connection bolt / hole diameter / width [mm]	3 / 3.2 / 7.6		
Color code	1.50 mm ² red 2.50 mm ² blue		
Connection capacity, DIN 46237			
Cable lugs DIN 46237 [mm ²]	0.5 - 2.5		
Connection bolt / hole diameter / width [mm]	3 / 3.2 / 7.6		
General data			
Screw thread	M3		
Tightening torque [Nm]	0.6 - 0.8		
Insulating material	PA		
Flammability rating in accordance with UL 94	V0		

Ordering data

Type	I _{max}	Order No.	Pcs./Pkt.
OTTA 2,5		0790530	50
OTTA 2,5-P/P		0790543	50

Accessories

D-OTTA 2,5		0790569	50
EB 2-OTTA 2,5	24 A	3026065	10
EB 3-OTTA 2,5	24 A	3026078	10
EB 4-OTTA 2,5	24 A	3026081	10
EB 5-OTTA 2,5	24 A	3026094	10
EB 6-OTTA 2,5	24 A	3026104	10
EB 7-OTTA 2,5	24 A	3026117	10
EB 10-OTTA 2,5	24 A	3026120	10
ATP-OTTA 2,5		0790572	50
SZS 0,6X3,5		1205053	10
ZB 8 (see Catalog 3)			



Technical data

Dimensions	Width	Length	Height NS 35/7,5
	10	43.5	45.5
Dimensions	Width	Length	Height NS 32
	10	43.5	50.5
Maximum electrical data	U _{max} [V]	max. Ø [mm ²] AWG (UL)	
	500	0.1 - 2.5 -	
Rated data	IEC 60947-7-2 IEC	UL / CUL	CSA IEC/ EN 60079-7
Rated voltage [V]	500	-	- -
Nominal current / cross section [A] / [mm ²]	17.5 / -	-	- / - -
Rated cross section [mm ²]	2.5	-	- -
Cross section range AWG	26 - 14	-	22-14 -
Connection capacity, DIN 46234			
Cable lugs, DIN 46234 [mm ²]	0.1 - 2.5		
Connection bolt / hole diameter / width [mm]	3 / 3.2 / 7.6		
Color code	1.50 mm ² red 2.50 mm ² blue		
Connection capacity, DIN 46237			
Cable lugs DIN 46237 [mm ²]	0.5 - 2.5		
Connection bolt / hole diameter / width [mm]	3 / 3.2 / 7.6		
General data			
Screw thread	M3		
Tightening torque [Nm]	0.6 - 0.8		
Insulating material	PA		
Flammability rating in accordance with UL 94	V2		

Ordering data

Type	Order No.	Pcs./Pkt.
OTTA 2,5-PE	0790556	50

Accessories

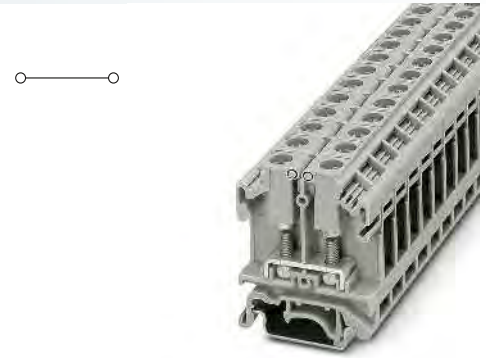
EB 2-OTTA 2,5	3026065	10
EB 3-OTTA 2,5	3026078	10
EB 4-OTTA 2,5	3026081	10
EB 5-OTTA 2,5	3026094	10
EB 6-OTTA 2,5	3026104	10
EB 7-OTTA 2,5	3026117	10
EB 10-OTTA 2,5	3026120	10
ATP-OTTA 2,5	0790572	50
SZS 0,6X3,5	1205053	10
ZB 8 (see Catalog 3)		

Terminal blocks – Classic

OTTA bolt connection terminal blocks

OTTA ... feed-through and ground terminal blocks

- Convenient and fast conductor connection with captive cap nuts
- Safe use, even in applications which are subject to the most stringent requirements regarding shock and vibration
- Space-saving, compact design
- Integrated screw locking



6 (6) mm², 41 A, feed-through terminal block



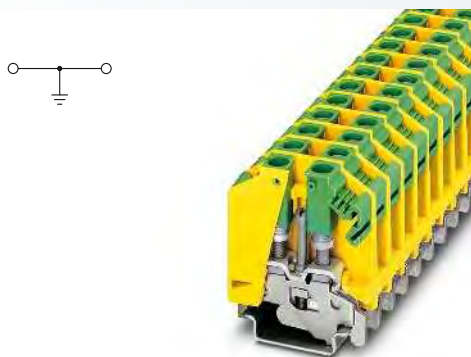
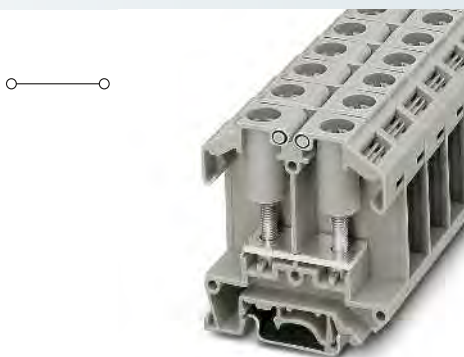
Dimensions	
	[mm]
Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]
Rated cross section	[mm²]
Cross section range	AWG
Connection capacity, DIN 46234	
Cable lugs, DIN 46234	[mm²]
Connection bolt / hole diameter / width	[mm]
Color code	red blue yellow
Connection capacity, DIN 46237	
Cable lugs DIN 46237	[mm²]
Connection bolt / hole diameter / width	[mm]
General data	
Screw thread	M4
Tightening torque	[Nm]
Insulating material	PA
Flammability rating in accordance with UL 94	V0

Technical data			
Width	Length	Height NS 35/7,5	
11	43.5	52	
Width	Length	Height NS 32	
11	43.5	57	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
41	800	0.1 - 6	-
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
800	600	600	-
41 / 6	30 / -	30 / -	-
6	-	-	-
26 - 10	-	22-10	-
0.1 - 6			
4 / 4.3 / 9.6			
1.50 mm²			
2.50 mm²			
6.00 mm²			
0.5 - 2.5			
4 / 4.3 / 9.6			
M4			
1.5 - 1.8			
PA			
V0			

Description	No. of pos.	Color
Terminal block, for mounting on NS 35...		gray
With test socket screws		gray
Ground terminal block, for mounting on NS 35...		green-yellow
Terminal block, for mounting on NS 35...		gray
with M6 screws		gray

Cover, width: 1.5 mm		gray
Cover, width: 2 mm		gray
Insertion bridge		
	2	gray
	3	gray
	4	gray
	5	gray
	7	gray
	10	gray
Partition plate, for visual and electrical separation of terminal groups, 1,5 mm thick		gray
Screwdriver		
Lateral groove labeling		

Accessories			
D-OTTA 6		0790417	50
EB 2-OTTA 6	41 A	0790608	10
EB 3-OTTA 6	41 A	3026036	10
EB 4-OTTA 6	41 A	3026049	10
EB 5-OTTA 6	41 A	3026050	10
EB 7-OTTA 6	41 A	3026052	10
EB 10- OTTA 6	41 A	0790420	10
ATP-OTTA 6		0790475	50
SZS 1,0X6,5 VDE		1205079	10
ZB 8 (see Catalog 3)			

6 (6) mm², ground terminal block25 (25) mm², 101 A, feed-through terminal block

Technical data			
Width	Length	Height NS 35/7,5	
12	43.5	52	
Width	Length	Height NS 32	
12	43.5	57	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
41	800	0.1 - 6	-
IEC 60947-7-2	UL / CUL	CSA	IEC/ EN 60079-7
800	600	-	-
41 / 6	-	- / -	-
6	-	-	-
26 - 10	-	22-10	-
0.1 - 6			
4 / 4.3 / 9.6			
1.50 mm ²			
2.50 mm ²			
6.00 mm ²			
0.5 - 2.5			
4 / 4.3 / 9.6			
M4			
1.5 - 1.8			
PA			
V0			

Ordering data		
Type	Order No.	Pcs./Pkt.
OTTA 6-PE	0790527	50

Accessories		
EB 2-OTTA 6	0790608	10
EB 3-OTTA 6	3026036	10
EB 4-OTTA 6	3026049	10
EB 5-OTTA 6	3026050	10
EB 7-OTTA 6	3026052	10
EB 10- OTTA 6	0790420	10
SZS 1,0X6,5 VDE	1205079	10
ZB 8 (see Catalog 3)		

Technical data			
Width	Length	Height NS 35/7,5	
18	60	64.5	
Width	Length	Height NS 32	
18	60	69.5	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
101	800	0.1 - 25	-
IEC 60947-7-1	UL / CUL	CSA	IEC/ EN 60079-7
800	-	600	-
101 / 25	- / -	100 / -	-
25	-	-	-
26 - 4	-	18-4	-
0.1 - 25			
5 / 5.3 / 16			
1 - 6			
5 / 5.3 / 16			
M5			
2.5 - 3			
PA			
V0			

Ordering data		
Type	Order No.	Pcs./Pkt.
OTTA 25-M5	0790488	50
OTTA 25-M6	0790491	50

Accessories		
D-OTTA 25	0790514	50
ATP-OTTA 25	0790501	50
SZS 1,0X6,5 VDE	1205079	10
ZB 10 (see Catalog 3)		

OTTA 6-T ... test disconnect terminal blocks



- Easy and clear testing in measuring transducer secondary circuits can be performed using the OTTA 6-T... test disconnect terminal blocks
- Compact design
- Switching bridges with and without test sockets



6 (6) mm², 36 A, test disconnect terminal block



Dimensions	
	[mm]
Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Rated cross section	[mm ²]
Cross section range	AWG
Connection capacity, DIN 46234	
Cable lugs, DIN 46234	[mm ²]
Connection bolt / hole diameter / width	[mm]
Color code	
	red
	blue
	yellow
Connection capacity, DIN 46237	
Cable lugs DIN 46237	[mm ²]
Connection bolt / hole diameter / width	[mm]
General data	
Terminal point: Thread / torque	- / [Nm]
Disconnect slide: Thread / torque	- / [Nm]
Insulating material	PA
Flammability rating in accordance with UL 94	V0

Technical data				
Width	Length	Height NS 35/7,5		
11	69	52		
Width	Length	Height NS 32		
11	69	57		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
36	800	0.1 - 6	-	
IEC 60947-7-1	UL / CUL	CSA	IEC/ EN 60079-7	
800	600	600	-	
36 / 6	30 / -	25 / -	-	
6	-	-	-	
26 - 10	-	22-10	-	

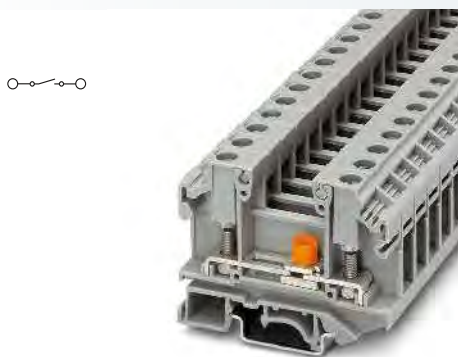
Description	No. of pos.	Color
Disconnect terminal block, for mounting on NS 35...		gray
Disconnect terminal block, with test socket screws, for mounting on NS 35...		gray
Disconnect terminal block, with test socket screws, for accommodating switching bridges, for mounting on NS 35...		gray
Feed-through terminal block, with test socket screws, for accommodating switching bridges, for mounting on NS 35...		gray

Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
OTTA 6-T		0790446	50

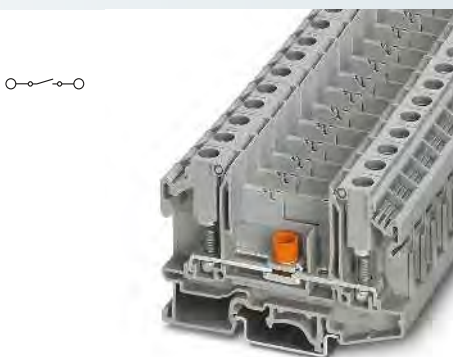
Cover, width: 2 mm		gray
Insertion bridge		
	2	gray
	3	gray
	4	gray
	5	gray
	7	gray
	10	gray
Switching bridge		
	2	silver
Switching lock, plug-in		white
Screwdriver		
Lateral groove labeling		

Accessories			
D-OTTA 6-T		0790459	50
EB 2-OTTA 6	36 A	0790608	10
EB 3-OTTA 6	36 A	3026036	10
EB 4-OTTA 6	36 A	3026049	10
EB 5-OTTA 6	36 A	3026050	10
EB 7-OTTA 6	36 A	3026052	10
EB 10- OTTA 6	36 A	0790420	10
S-OTTA 6-T		0311199	50
SZS 1,0X6,5 VDE		1205079	10
ZB 10 (see Catalog 3)			

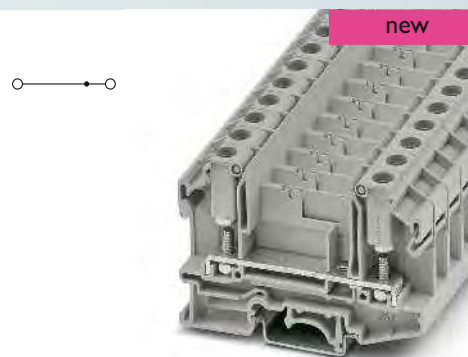
OTTA bolt connection terminal blocks



6 (6) mm², 36 A, test disconnect terminal block, with test socket screws



6 (6) mm², 41 A, test disconnect terminal block, with test socket screws, for accommodating switching bridges



6 (6) mm², 41 A, feed-through terminal block, with test socket screws, for accommodating switching bridges



Technical data			
Width	Length	Height NS 35/7,5	
11	69	52	
Width	Length	Height NS 32	
11	69	57	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
36	800	0.1 - 6	-
IEC 60947-7-1	UL / CUL	CSA	IEC/ EN 60079-7
800	600	600	-
36 / 6	30 / -	25 / -	-
6	-	-	-
26 - 10	-	22-10	-
0.1 - 6			
4 / 4.3 / 9.6			
1.50 mm ²			
2.50 mm ²			
6.00 mm ²			
0.5 - 2.5			
4 / 4.3 / 9.6			
M4 / 1.5 - 1.8			
M4 / 1.2 - 1.4			
PA			
V0			

Technical data			
Width	Length	Height NS 35/7,5	
11	79.2	52	
Width	Length	Height NS 32	
11	79.2	57	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
41	1000	0.1 - 6	-
IEC 60947-7-1	UL / CUL	CSA	IEC/ EN 60079-7
1000	600	-	-
41 / 6	30 / -	-	-
6	-	-	-
26 - 10	-	-	-
0.1 - 6			
4 / 4.3 / 9.6			
1.50 mm ²			
2.50 mm ²			
6.00 mm ²			
0.5 - 2.5			
4 / 4.3 / 9.6			
M4 / 1.5 - 1.8			
M4 / 1.2 - 1.4			
PA			
V0			

Technical data			
Width	Length	Height NS 35/7,5	
11	79.2	52	
Width	Length	Height NS 32	
11	79.2	57	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
41	1000	0.1 - 6	-
IEC 60947-7-1	UL / CUL	CSA	IEC/ EN 60079-7
1000	600	-	-
41 / 6	30	-	-
6	-	-	-
26 - 12	-	-	-
0.1 - 6			
4 / 4.3 / 9.6			
1.50 mm ²			
2.50 mm ²			
6.00 mm ²			
0.5 - 2.5			
4 / 4.3 / 9.6			
M4 / 1.5 - 1.8			
- / -			
PA			
V0			

Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
OTTA 6-T-P/P		0790462	50

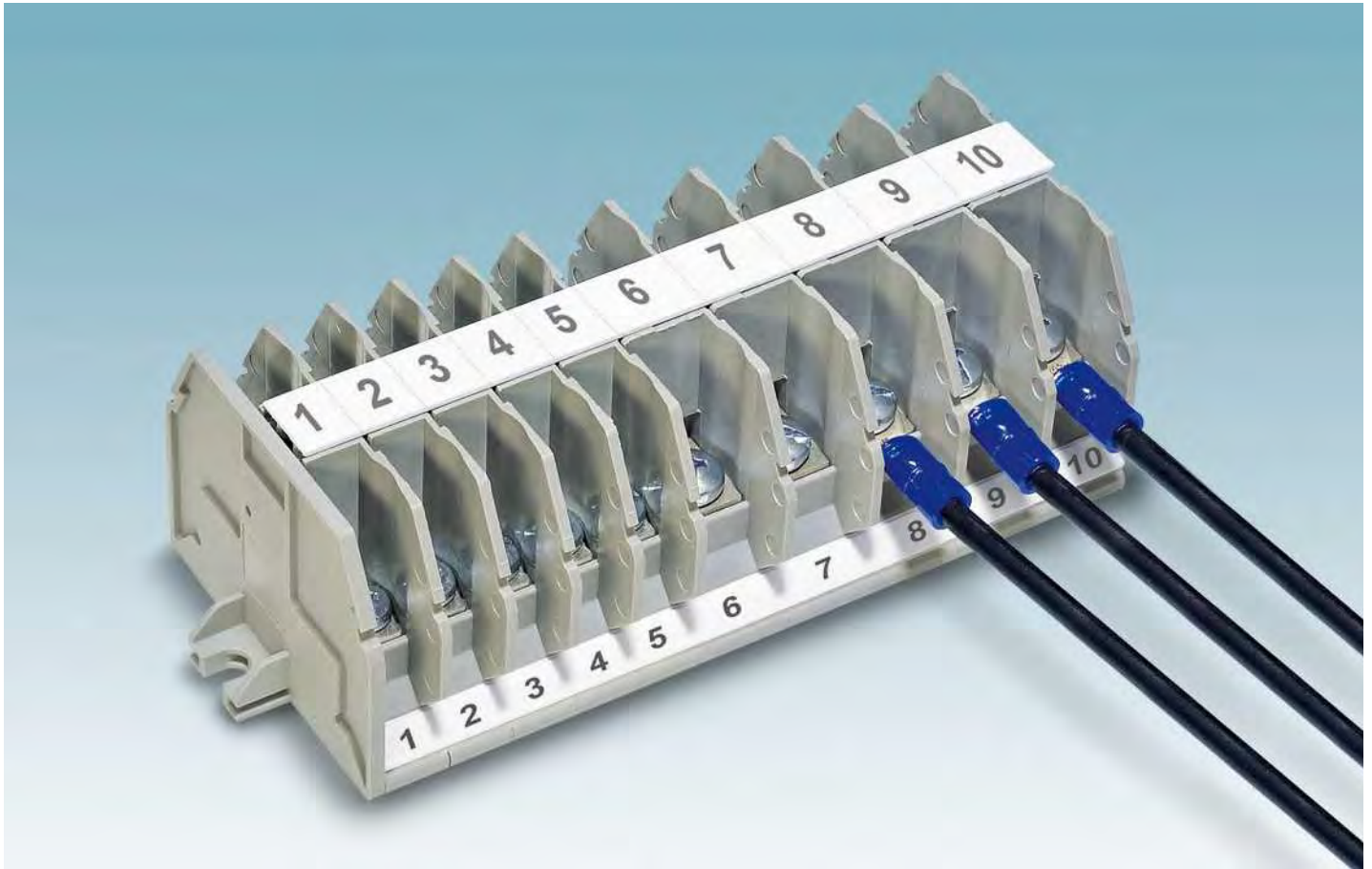
Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
OTTA 6-T/SB-P/P		3001269	50

Ordering data			
Type		Order No.	Pcs./Pkt.
OTTAD 6/SB-P/P		1033182	50

Accessories			
D-OTTA 6-T		0790459	50
EB 2-OTTA 6	36 A	0790608	10
EB 3-OTTA 6	36 A	3026036	10
EB 4-OTTA 6	36 A	3026049	10
EB 5-OTTA 6	36 A	3026050	10
EB 7-OTTA 6	36 A	3026052	10
EB 10- OTTA 6	36 A	0790420	10
S-OTTA 6-T		0311199	50
SZS 1,0X6,5 VDE		1205079	10
ZB 10 (see Catalog 3)			

Accessories			
D-OTTA/RBO-SB		3001355	50
EB 2-OTTA 6	36 A	0790608	10
EB 3-OTTA 6	36 A	3026036	10
EB 4-OTTA 6	36 A	3026049	10
EB 5-OTTA 6	36 A	3026050	10
EB 7-OTTA 6	36 A	3026052	10
EB 10- OTTA 6	36 A	0790420	10
USBR 2-11		3001356	50
SZS 1,0X6,5 VDE		1205079	10
ZB 10 (see Catalog 3)			

Accessories			
D-OTTA/RBO-SB		3001355	50
EB 2-OTTA 6		0790608	10
EB 3-OTTA 6		3026036	10
EB 4-OTTA 6		3026049	10
EB 5-OTTA 6		3026050	10
EB 7-OTTA 6		3026052	10
EB 10- OTTA 6		0790420	10
USBR 2-11		3001356	50
SZS 1,0X6,5 VDE		1205079	10
ZB 10 (see Catalog 3)			

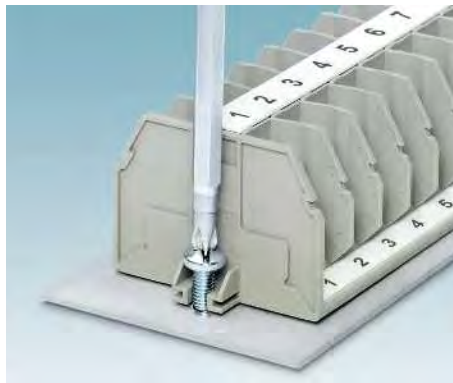


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Extensive program

The RBO product range offers a suitable compact terminal block with bolt connection from M5 to M16 for every conductor connection from 0.5 - 300 mm²



Flexible assembly

The bolt connection terminal blocks offer two mounting options:

- Can be snapped onto the conventional EN DIN rails
- Direct mounting on mounting plates



Modular shock protection

Using the extensive range of accessories, modular shock protection can be implemented easily and in accordance with application requirements.

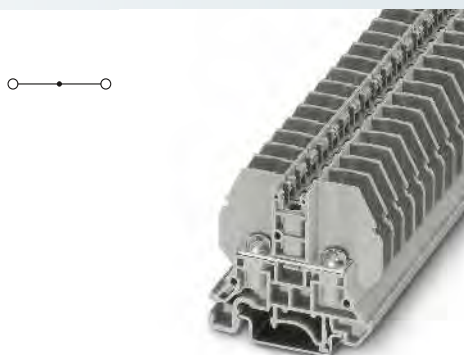
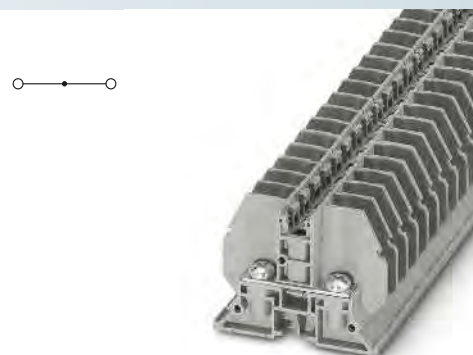
RSC bolt connection terminal blocks

RSC ... screw terminal blocks, for M4 and M5 ring and fork-type cable lugs

- Compact screw connection of ring and fork-type cable lugs
- Bridge shaft for potential distribution using standard screw bridges
- The isolator bridge bar supports switchable cross connections; the bridge screw therefore has the function of a live contact

Notes:

¹⁾ Rated voltage for 630 V open disconnect point

**4 (6) mm², 32 A, feed-through terminal block****4 (6) mm², 32 A, feed-through terminal block, for direct mounting**

Dimensions	
	[mm]
Dimensions	
	[mm]
Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]
Rated cross section	[mm²]
Cross section range	AWG
Connection capacity, DIN 46234	
Cable lugs, DIN 46234	[mm²]
Connection bolt / hole diameter / width	[mm]
Connection capacity, DIN 46237	
Cable lugs DIN 46237	[mm²]
Connection bolt / hole diameter / width	[mm]
Color code	red blue yellow
General data	
Bolt thread	M4
Tightening torque	[Nm] 1.2 - 1.4
Insulating material	PA
Flammability rating in accordance with UL 94	V0

Description	No. of pos.	Color
Bolt connection terminal , for mounting on NS 32... or NS 35...		gray
Bolt connection/flange terminal block , for direct mounting		gray
Block, 4-pos.		gray
Block, 6-pos.		gray
Block, 8-pos.		gray
Block, 12-pos.		gray

Cover , width: 2.2 mm	gray
Fixed bridge , isolated	
	10 silver
Isolator bridge bar , can be separated, with 10 screws	
	10 silver
Separating disk , for separation of neighboring bridges, can be fitted later, no loss of pitch	gray
Cover profile , supply length 1 m	transparent
Screwdriver	

Center groove labeling	
Lateral groove labeling	

Technical data

Width	Length	Height NS 35/7,5	
9	53.3	47.1	
Width	Length	Height NS 32	
9	53.3	52.1	
Width	Length	Height	
9	53.3	-	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
32	800	0.1 - 6	-
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
800	600	-	-
32 / 4	30 / -	-	-
4	-	-	-
26 - 10	-	-	-
0.1 - 6			
4 / 4.3 / 8			
0.5 - 2.5			
4 / 4.3 / 8			
1.00 mm²			
2.50 mm²			
M4			
1.2 - 1.4			
PA			
V0			

Ordering data

Type	I _{max}	Order No.	Pcs./Pkt.
RSC 4		3058127	50

Accessories

D-RSC 5		3058020	50
FB 10-9	32 A	3059113	10
FB 10-9 ISO	24 A	3059650	10
TS-KK 3		2770215	50
AP RSC		3058017	10
SZS 1,0X6,5 VDE		1205079	10
SZK PH2 VDE		1205163	10

ZB 9 (see Catalog 3)	
ZBF 9 (see Catalog 3)	

Technical data

Width	Length	Height NS 35/7,5	
9	53.3	-	
Width	Length	Height NS 32	
9	53.3	-	
Width	Length	Height	
9	53.3	37	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
32	800 ¹⁾	0.1 - 6	-
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
800 ¹⁾	600	-	-
32 / 4	30 / -	-	-
4	-	-	-
26 - 10	-	-	-
0.1 - 6			
4 / 4.3 / 8			
0.5 - 2.5			
4 / 4.3 / 8			
1.00 mm²			
2.50 mm²			
M4			
1.2 - 1.4			
PA			
V0			

Ordering data

Type	I _{max}	Order No.	Pcs./Pkt.
RSC 4-F		3058130	50
RSC 4-F/4		3059171	1
RSC 4-F/6		3059184	1
RSC 4-F/8		3059197	1
RSC 4-F/12		3059207	1

Accessories

D-RSC 5-F		3059647	50
FB 10-9	32 A	3059113	10
FB 10-9 ISO	24 A	3059650	10
TS-KK 3		2770215	50
AP RSC		3058017	10
SZS 1,0X6,5 VDE		1205079	10
SZK PH2 VDE		1205163	10

ZB 9 (see Catalog 3)	
ZBF 9 (see Catalog 3)	

Terminal blocks – Classic

RSC bolt connection terminal blocks

RSC ... screw terminal blocks, for M4 and M5 ring and fork-type cable lugs



- Compact screw connection of ring and fork-type cable lugs
- Bridge shaft for potential distribution using standard screw bridges
- The isolator bridge bar supports switchable cross connections; the bridge screw therefore has the function of a live contact
- Mounting on standard DIN rails or directly in control boxes
- Cover profile that can be snapped directly onto the terminal blocks provides touch-proof protection
- Large-surface, seamless external and center labeling
- Screw nuts and current bars are latched in the insulating housing and cannot be removed

Notes:

¹⁾ 57 A for continuous bridging, 41 A for bridging between non-adjacent terminal blocks



10 (10) mm², 57 A, feed-through terminal block



Technical data

Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	13	53.3	47.1	
Dimensions		Width	Length	Height NS 32	
	[mm]	13	53.3	52.1	
Dimensions		Width	Length	Height	
	[mm]	13	53.3	-	
Maximum electrical data		I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
		57	800	0.1 - 10	-
Rated data		IEC 60947-7-1			
		IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	800	600	-	-
Nominal current / cross section	[A] / [mm²]	57 / 10	45 / -	-	-
Rated cross section	[mm²]	10	-	-	-
Cross section range	AWG	26 - 8	-	-	-
Connection capacity, DIN 46234					
Cable lugs, DIN 46234	[mm²]	0.1 - 10			
Connection bolt / hole diameter / width	[mm]	5 / 5.3 / 10			
Connection capacity, DIN 46237					
Cable lugs DIN 46237	[mm²]	0.5 - 6			
Connection bolt / hole diameter / width	[mm]	5 / 5.3 / 10			
Color code	red	1.00 mm²			
	blue	2.50 mm²			
	yellow	6.00 mm²			
General data					
Bolt thread		M5			
Tightening torque	[Nm]	2 - 2.2			
Insulating material		PA			
Flammability rating in accordance with UL 94		V0			

Description	No. of pos.	Color
Bolt connection terminal, for mounting on NS 35...		gray
Bolt connection/flange terminal block, for direct mounting		gray
Block, 4-pos.		gray
Block, 6-pos.		gray
Block, 8-pos.		gray
Block, 12-pos.		gray

Cover, width: 2.2 mm	gray
Fixed bridge, isolated	10 silver
Isolator bridge bar, can be separated, with 10 screws	10 silver
Separating disk, for separation of neighboring bridges, can be fitted later, no loss of pitch	gray

Cover profile, supply length 1 m	transparent
Screwdriver	

Center groove labeling	
Lateral groove labeling	

Ordering data

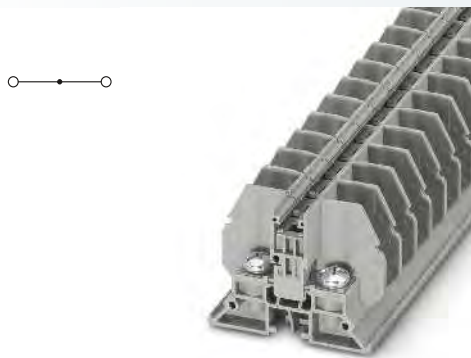
Type	I _{max}	Order No.	Pcs./Pkt.
RSC 5		3058143	50

Accessories

D-RSC 5		3058020	50
FB 10-13	57 A ¹⁾	3059126	10
FB 10-13 ISO	24 A	3059663	10
TS-KK 3		2770215	50
AP RSC		3058017	10
SZS 1,0X6,5 VDE		1205079	10
SZK PH2 VDE		1205163	10

ZB 13 (see Catalog 3)	
ZBF 13 (see Catalog 3)	





10 (10) mm², 57 A, feed-through terminal block,
for direct mounting



Technical data

Width	Length	Height NS 35/7,5	
13	53.3	-	
Width	Length	Height NS 32	
13	53.3	-	
Width	Length	Height	
13	53.3	37	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
57	800	0.1 - 10	-
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
800	600	-	-
57 / 10	45 / -	-	-
10	-	-	-
26 - 8	-	-	-

0.1 - 10
5 / 5.3 / 10

0.5 - 6
5 / 5.3 / 10
1.00 mm²
2.50 mm²
6.00 mm²

M5
2 - 2.2
PA
V0

Ordering data

Type	I _{max}	Order No.	Pcs./Pkt.
RSC 5-F		3058156	50
RSC 5-F/4		3059210	1
RSC 5-F/6		3059223	1
RSC 5-F/8		3059236	1
RSC 5-F/12		3059249	1

Accessories

D-RSC 5-F		3059647	50
FB 10-13	57 A ¹⁾	3059126	10
FB 10-13 ISO	24 A	3059663	10
TS-KK 3		2770215	50
AP RSC		3058017	10
SZS 1,0X6,5 VDE		1205079	10
SZK PH2 VDE		1205163	10

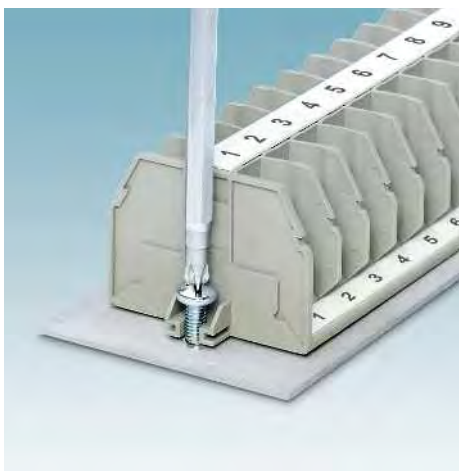
ZB 13 (see Catalog 3)

ZBF 13 (see Catalog 3)

Terminal blocks – Classic

RSC bolt connection terminal blocks

Screw terminal blocks RSC 6 ..., M6 and measuring transducer disconnect terminal blocks RSC 5-T ..., M5

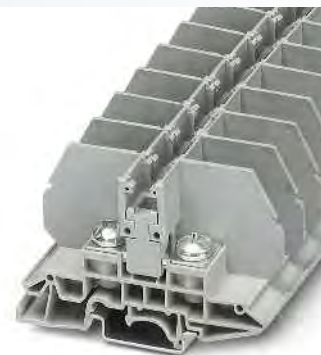


- Flange terminal blocks for direct mounting in control boxes
- Compact screw connection of ring and fork-type cable lugs
- Bridge shaft for potential distribution using standard screw bridges
- The isolator bridge bar supports switchable cross connections; the bridge screw therefore has the function of a live contact
- Cover profile that can be snapped directly onto the terminal blocks provides touch-proof protection
- Large-surface, seamless external and center labeling
- Screw nuts and current bars are latched in the insulating housing and cannot be removed
- Easy grouping of flange terminal blocks, see figure below



Notes:

- 1) 57 A for continuous bridging, 41 A for bridging between non-adjacent terminal blocks
- 2) Rated voltage for 630 V open disconnect point



35 (35) mm², 125 A, feed-through terminal block



Technical data

Dimensions		Width	Length	Height NS 35/7,5		
	[mm]	17	80.8	49.8		
Dimensions		Width	Length	Height NS 32		
	[mm]	17	80.8	54.8		
Dimensions		Width	Length	Height		
	[mm]	17	80.8	-		
Maximum electrical data		I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)	
		125	800	2.5 - 35	-	
Rated data		IEC 60947-7-1				
		IEC	UL / CUL	CSA	IEC/ EN 60079-7	
	Rated voltage	[V]	800	600	600	-
	Nominal current / cross section	[A] / [mm²]	125 / 35	115 / -	115 / -	-
	Rated cross section	[mm²]	35	-	-	-
Cross section range	AWG	12 - 2	-	12-2	-	
Connection capacity, DIN 46234						
Cable lugs, DIN 46234	[mm²]	6 - 35				
Connection bolt / hole diameter / width	[mm]	6 / 6.5 / 15				
Connection capacity, DIN 46237						
Cable lugs DIN 46237	[mm²]	2.5 - 6				
Connection bolt / hole diameter / width	[mm]	6 / 6.5 / 11				
Color code	red					
	blue	2.50 mm²				
	yellow	6.00 mm²				
General data						
Disconnect slide: Thread / torque	- / [Nm]	- / -				
Bolt thread		M6				
Tightening torque	[Nm]	3.2 - 3.7				
Insulating material		PA				
Flammability rating in accordance with UL 94		V0				

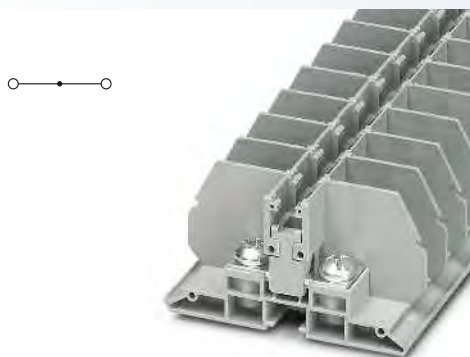
Ordering data

Description	No. of pos.	Color	Type	I _{max}	Order No.	Pcs./Pkt.
Bolt connection terminal, for mounting on NS 32... or NS 35...		gray	RSC 6		3075870	40
Bolt connection/flange terminal block, for direct mounting		gray				
Test disconnect terminal block, for mounting on NS 35 and NS 32		gray				
Test disconnect terminal block, with flange, for direct mounting		gray				

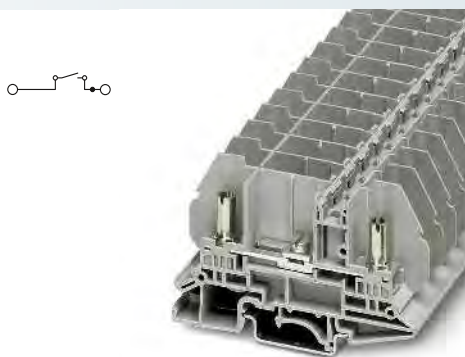
Accessories

Cover, width: 2.2 mm		gray	D-RSC 6		3213098	50
Fixed bridge, isolated						
Isolator bridge bar, can be separated, with 10 screws	10	silver	FB 10-17	57 A	3075951	10
Separating disk, for separation of neighboring bridges, can be fitted later, no loss of pitch	10	silver	FB 10-17 ISO	57 A	3213085	10
		gray	TS-KK 3		2770215	50
Cover profile, supply length 1 m		transparent	AP RSC-T		3059139	10
Screwdriver						
Center groove labeling			ZB 17 (see Catalog 3)			
Lateral groove labeling			ZBF 17 (see Catalog 3)			

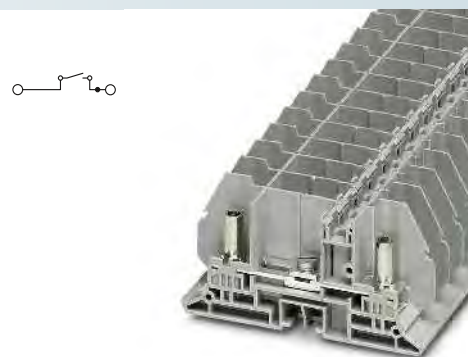
RSC bolt connection terminal blocks



35 (35) mm², 125 A, feed-through terminal block, for direct mounting



10 (10) mm², 50 A, test disconnect terminal block



10 (10) mm², 50 A, test disconnect terminal block



Technical data			
Width	Length	Height NS 35/7,5	
17	80.8	-	
Width	Length	Height NS 32	
17	80.8	-	
Width	Length	Height	
17	80.8	39.7	
I_{max} [A]	U_{max} [V]	max. Ø [mm²]	AWG (UL)
125	800	2.5 - 35	-
IEC 60947-7-1	UL / CUL	CSA	IEC/ EN 60079-7
800	600	600	-
125 / 35	115 / -	115 / -	-
35	-	-	-
12 - 2	-	12-2	-
6 - 35			
6 / 6.5 / 15			
2.5 - 6			
6 / 6.5 / 11			
2.50 mm²			
6.00 mm²			
- / -			
M6			
3.2 - 3.7			
PA			
V0			

Technical data			
Width	Length	Height NS 35/7,5	
13	79.9	49.8	
Width	Length	Height NS 32	
13	79.9	54.8	
Width	Length	Height	
13	79.9	-	
I_{max} [A]	U_{max} [V]	max. Ø [mm²]	AWG (UL)
50	800 ²⁾	0.1 - 10	-
IEC 60947-7-1	UL / CUL	CSA	IEC/ EN 60079-7
800 ²⁾	600	-	-
50 / 10	45 / -	-	-
10	-	-	-
26 - 8	-	-	-
0.1 - 10			
5 / 5.3 / 10			
0.5 - 6			
5 / 5.3 / 10			
1.00 mm²			
2.50 mm²			
6.00 mm²			
M4 / 1.2 - 1.4			
M5			
2 - 2.2			
PA			
V0			

Technical data			
Width	Length	Height NS 35/7,5	
13	79.9	-	
Width	Length	Height NS 32	
13	79.9	-	
Width	Length	Height	
13	79.9	39.7	
I_{max} [A]	U_{max} [V]	max. Ø [mm²]	AWG (UL)
50	800 ²⁾	0.1 - 10	-
IEC 60947-7-1	UL / CUL	CSA	IEC/ EN 60079-7
800 ²⁾	600	-	-
50 / 10	45 / -	-	-
10	-	-	-
26 - 8	-	-	-
0.1 - 10			
5 / 5.3 / 10			
0.5 - 6			
5 / 5.3 / 10			
1.00 mm²			
2.50 mm²			
6.00 mm²			
M4 / 1.2 - 1.4			
M5			
2 - 2.2			
PA			
V0			

Ordering data			
Type	I_{max}	Order No.	Pcs./Pkt.
RSC 6-F		3075919	40

Ordering data			
Type	I_{max}	Order No.	Pcs./Pkt.
RSC 5-T		3058172	50

Ordering data			
Type	I_{max}	Order No.	Pcs./Pkt.
RSC 5-T-F		3058334	50

Accessories			
D-RSC 6-F		3213108	50
FB 10-17	57 A	3075951	10
FB 10-17 ISO	57 A	3213085	10
TS-KK 3		2770215	50
AP RSC-T		3059139	10

Accessories			
D-RSC 5-T		3058046	50
FB 10-13	57 A ¹⁾	3059126	10
FB 10-13 ISO	24 A	3059663	10
TS-KK 3		2770215	50
AP RSC-T		3059139	10
SZG 0,9X6,5 VDE		1205134	10

Accessories			
D-RSC 5-T-F		3059346	50
FB 10-13	57 A ¹⁾	3059126	10
FB 10-13 ISO	24 A	3059663	10
TS-KK 3		2770215	50
AP RSC-T		3059139	10
SZG 0,9X6,5 VDE		1205134	10

ZB 17 (see Catalog 3)

ZBF 17 (see Catalog 3)

ZB 13 (see Catalog 3)

ZBF 13 (see Catalog 3)

ZB 13 (see Catalog 3)

ZBF 13 (see Catalog 3)

Terminal blocks – Classic

UHV high-current connectors

High-current connectors UHV ...

- The high-current connectors UHV ... are available in several versions
- Versions are available with a cable lug or direct connection and there is a mixed version of both connection types
- The comprehensive range of accessories ensures safe and user-friendly wiring of conductors up to 240 mm²

Notes:
In the case of UHV 240..., the BG/F flat bracket must be mounted.
Further technical notes and connection conditions are to be found on page 682.



25 (25) mm², 101 A, feed-through terminal block

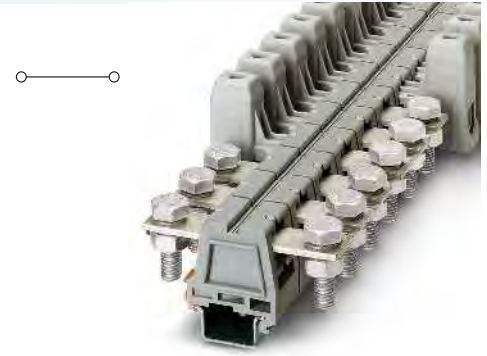


Technical data			
Width	Length	Height NS 35/15	
26	95	72	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
101	1000	10 - 25	6-4
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1000	600	600	-
101 / 25	85 / -	100 / -	-
25	-	-	-
-	6-4	6-4	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
10 - 25	10 - 25	10 - 25	
2.5 - 10	4 - 10	2.5 - 10	-
8 mm			
8.4 / 15 mm x 3 mm			
2.5 - 25			
16 - 25			
21			
M8 / 15 - 20			
M8 / 15 - 20			
PA-F			
V0			

Ordering data		
Type	Order No.	Pcs./Pkt.
UHV 25-KH/AS	2130101	10
UHV 25-AS/AS	2130004	10
UHV 25-KH/KH	2130156	10

Accessories		
UHV 25-AH	2130431	10
UHV 25-VS 2	2130541	10
UHV 25-VS 3	2130554	10
UHV -TP1	2130402	10
UHV -E	2130428	10
SZS 1,0X6,5 VDE	1205079	10

UC-TM 10 (see Catalog 3)



50 (50) mm², 150 A, feed-through terminal block



Technical data			
Width	Length	Height NS 35/15	
32	104	78	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
150	1000	25 - 50	6
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1000	600	600	-
150 / 50	150 / -	125 / -	-
50	-	-	-
-	6-1/0	6-1/0	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
25 - 50	25 - 50	50	25 - 50
10 - 16	10 - 16	10 - 16	-
10 mm			
10.5 / 20 mm x 3 mm			
6 - 50			
16 - 50			
26			
M10 / 25 - 30			
M10 / 25 - 30			
PA-F			
V0			

Ordering data		
Type	Order No.	Pcs./Pkt.
UHV 50-KH/AS	2130114	10
UHV 50-AS/AS	2130017	10
UHV 50-KH/KH	2130169	10

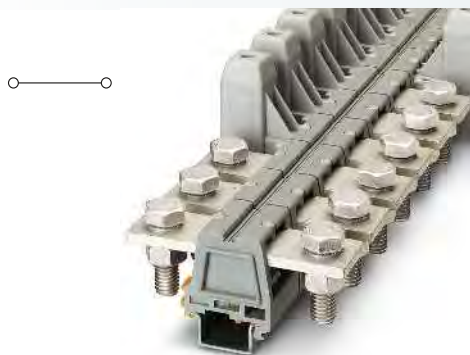
Accessories		
UHV 50-AH	2130444	10
UHV 50-VS 2	5030897	10
UHV 50-VS 3	2130622	10
UHV -TP1	2130402	10
UKH 50 EP	3009228	10
UHV -E	2130428	10
SZS 1,2X8,0 VDE	1205082	10

UC-TM 10 (see Catalog 3)

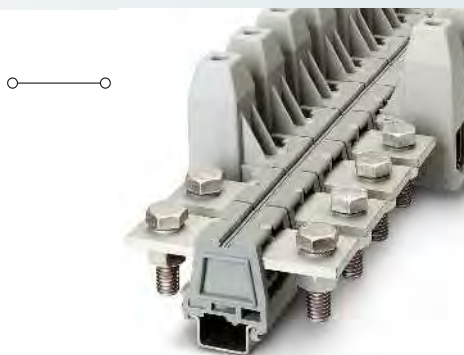
Description	No. of pos.	Color
High current connector, with terminal sleeve KH on one side, and screw set AS on the other side		gray
High current connector, screw set AS on both sides, for rail or cable lug connection		gray
High current connector, with terminal sleeves KH on both sides, for direct cable connection		gray

Covering hood, as retrofit snap-on shock protection for cable lug connection		gray
Connection rail, for cross connection	2	silver
	3	silver
Separating plate		gray
Insertion profile, levels out the prism-shaped sleeve when using flat-ribbon conductors		gray
End piece, to be fitted at both sides of the terminal strip, 7.2 mm wide		gray
Screwdriver		
T-handle screwdriver, for Allen screws, ergonomically shaped handle, matt chrome-plated		

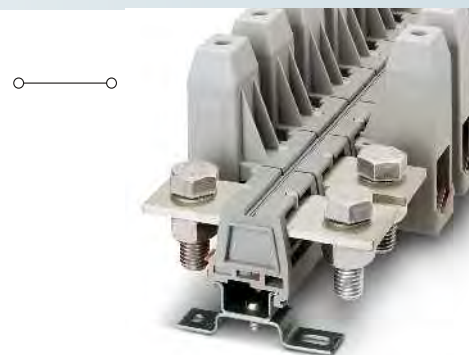
Center groove labeling



95 (95) mm², 232 A, feed-through terminal block



150 (150) mm², 309 A, feed-through terminal block



240 (240) mm², 415 A, feed-through terminal block



Technical data			
Width	Length	Height NS 35/15	
40	114	86	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
232	1000	35 - 95	2
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1000	600	600	-
232 / 95	230 / -	200 / -	-
95	-	-	-
-	2-4/0	2-4/0	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
35 - 95	35 - 95	95	35 - 95
-	-	16 - 35	-
12 mm			
13 / 30 mm x 5 mm			
10 - 95			
25 - 95			
29			
M12 / 25 - 30			
M12 / 25 - 30			
PA-F			
V0			

Technical data			
Width	Length	Height NS 35/15	
46	119	100	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
309	1000	50 - 150	2-300
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1000	600	600	-
309 / 150	285 / -	275 / -	-
150	-	-	-
-	2-300	2-300	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
50 - 150	50 - 150	150	50 - 150
25 - 50	35 - 50	25 - 50	-
12 mm			
13 / 35 mm x 5 mm			
10 - 150			
25 - 150			
34			
M12 / 25 - 30			
M12 / 25 - 30			
PA-F			
V2			

Technical data			
Width	Length	Height NS 35/15	
53	126.5	105.5	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
415	1000	70 - 240	500
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1000	600	600	-
415 / 240	380 / -	400 / -	-
240	-	-	-
-	2/0-500	1/0-500	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
70 - 240	70 - 240	185	70 - 185
35 - 95	50 - 95	35 - 50	-
16 mm			
17 / 40 mm x 5 mm			
25 - 240			
50 - 240			
34			
M16 / 30 - 35			
M16 / 30 - 35			
PA-F			
V2			

Ordering data		
Type	Order No.	Pcs./Pkt.
UHV 95-KH/AS	2130127	10
UHV 95-AS/AS	2130020	10
UHV 95-KH/KH	2130172	10

Ordering data		
Type	Order No.	Pcs./Pkt.
UHV150-KH/AS	2130130	10
UHV150-AS/AS	2130033	10
UHV150-KH/KH	2130185	10

Ordering data		
Type	Order No.	Pcs./Pkt.
UHV240-KH/AS	2130143	5
UHV240-AS/AS	2130046	5
UHV240-KH/KH	2130198	5

Accessories		
UHV 95-AH	2130457	10
UHV 95-VS 2	2130635	10
UHV 95-VS 3	2130648	10
UHV -TP2	2130415	10
UKH 95 EP	3009231	10
UHV -E	2130428	10
SF-THEX 8-200	1212643	5

Accessories		
UHV150-AH	2130460	10
UHV150-VS 2	2130651	10
UHV150-VS 3	2130664	10
UHV -TP2	2130415	10
UKH 150/240 EP	3009244	10
UHV -E	2130428	10
SF-THEX 8-200	1212643	5

Accessories		
UHV240-AH	2130473	10
UHV240-VS 2	2130677	10
UHV240-VS 3	2130680	10
UHV -TP2	2130415	10
UKH 150/240 EP	3009244	10
UHV -E	2130428	10
SF-THEX 8-200	1212643	5

UC-TM 10 (see Catalog 3)

UC-TM 10 (see Catalog 3)

UC-TM 10 (see Catalog 3)

Device terminal blocks



i Your web code: **#1404**



For direct rail-free use

Compact device terminal blocks fitted free of rails are mainly used in network connections for electric and electronic equipment and in small terminal boxes.



Safe conductor connection

The device terminal blocks are designed for very stringent requirements. The screw connection familiar from standard modular terminal blocks offers:

- Maintenance-free conductor connection
- Simple multiple conductor connection
- Conductor connection with or without ferrule



Extensive program

The device terminal block range is available up to a nominal cross section of 35 mm² and 125 A with various numbers of positions. The terminal blocks are clearly and easily identified with the marking material.

G 5 and G 10 device terminal blocks for direct mounting

- Finger protection
- The housing ribs engage with one another below on both sides for simple attachment
- Mounting with two screws per block (apart from the 2-pos. version)

Notes:

For drawings and dimensions, visit phoenixcontact.net/products



4 (4) mm², 32 A, terminal block base, multi-position



10 (16) mm², 76 A, terminal block base, multi-position



Technical data			
Width	Length	Height	
20	22	24	
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
32	500	0.2 - 4	26-10
IEC 60947-7-1/IEC 60998			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	300	300	-
32 / 4	30 / -	30 / -	-
4	-	-	-
24 - 12	26-10	26-10	-
Rigid	Flexible	Ferrule	
		without/with plastic sleeve	
0.2 - 4	0.2 - 4	0.25 - 4	0.25 - 2.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 1
8			
M3			
0.6 - 0.8			
PA			
V0			

Ordering data			
Type	Order No.	Pcs./Pkt.	
G 5/2	2716020	50	
G 5/3	2716033	50	
G 5/4	2716046	50	
G 5/6	2716062	50	
G 5/12	2716127	50	
G 5/2 B	2716305	50	

Accessories			
WS-G5/3	2720032	10	
WS-G5/4	2716499	10	
BN WH	1401404	100	
SF-SL 0,6X3,5-100 S-VDE	1212587	10	



Technical data			
Width	Length	Height	
29	33	31	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
76	800	0.5 - 16	24-6
IEC 60947-7-1/IEC 60998			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
800	600	600	-
57 / 10	65 / -	65 / -	-
10	-	-	-
20 - 6	24-6	24-6	-
Rigid	Flexible	Ferrule	
		without/with plastic sleeve	
0.5 - 16	0.5 - 10	0.5 - 16	0.5 - 16
0.5 - 6	0.5 - 6	0.5 - 6	-
-	-	-	0.5 - 6
12			
M4			
1.5 - 1.8			
PA			
V2			

Ordering data			
Type	Order No.	Pcs./Pkt.	
G 10/2	2716703	10	
G 10/3	2716716	10	
G 10/4	2716729	10	
G 10/5	2716732	10	

Accessories			
BN WH	1401404	100	
SZS 1,0X4,0 VDE	1205066	10	

Description	Color
Device terminal block, for direct mounting, 2-pos.	gray
3-pos.	gray
4-pos.	gray
5-pos.	gray
6-pos.	gray
12-pos.	gray
Device terminal block, for direct mounting, bridged, 2-pos.	orange

Warning label	
Marker pin, unprinted, made of plastic, for individual labeling with B-STIFT or X-PEN	yellow yellow white
Screwdriver	

Terminal blocks – Classic

G device terminal blocks

Device terminal blocks for direct mounting GE 35...

- Finger protection
- Mounting with two screws per block
- Large-surface marking options on terminal points



**35 (35) mm², 125 A, terminal block base,
2-pos.**

ERC

		Technical data			
Dimensions		Width	Length	Height	
		34.8	83.7	44.9	
Maximum electrical data		I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
		125	630	0.75 - 35	-
Rated data		IEC 60947-7-1/IEC 60998			
		IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	630	-	-	-
Nominal current / cross section	[A] / [mm ²]	125 / 35	-	-	-
Rated cross section	[mm ²]	35	-	-	-
Cross section range	AWG	18 - 2	-	-	-
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	[mm ²]	0.75 - 35	0.75 - 35	0.75 - 35	0.75 - 35
2 conductors (of the same type)	[mm ²]	0.75 - 10	0.75 - 10	0.75 - 10	-
2 flexible conductors with a TWIN ferrule	[mm ²]	-	-	-	0.75 - 6
General data					
Stripping length	[mm]	16			
Screw thread		M6			
Tightening torque	[Nm]	3.5 - 4			
Insulating material		PA			
Flammability rating in accordance with UL 94		V2			
Ordering data					
Type			Order No.	Pcs./Pkt.	
Device terminal block, for direct mounting, 2-pos.			3071078	25	
Device terminal block, for direct mounting, bridged, 2-pos.					
Accessories					
Screwdriver			SZS 1,0X4,0 VDE	1205066	10
Lateral groove labeling			UC-TM 12, UCT-TM 12 or ZB 12 (see Catalog 3)		



**35 (35) mm², 125 A, terminal block base,
2-pos., internally connected**

ERC

Technical data

Width	Length	Height	
34.8	83.7	44.9	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
125	630	0.75 - 35	-
IEC 60947-7-1/IEC 60998			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
630	-	-	-
125 / 35	-	-	-
35	-	-	-
18 - 2	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.75 - 35	0.75 - 35	0.75 - 35	0.75 - 35
0.75 - 10	0.75 - 10	0.75 - 10	-
-	-	-	0.75 - 6

16
M6
3.5 - 4
PA
V2

Ordering data

Type	Order No.	Pcs./Pkt.
GE 35/2-B BU	2701570	25

Accessories

SZS 1,0X4,0 VDE	1205066	10
UC-TM 12, UCT-TM 12 or ZB 12 (see Catalog 3)		

Terminal blocks – Classic

UDB trunk line branch terminal blocks

UDB ... trunk line branch terminal blocks



- The branch terminal blocks from the UDB ... series are suitable for the simple voltage pick-off of main supply cables up to 35 mm²
- The UDB ... blocks are used in counter and marshalling cabinets
- They meet the requirements of DIN VDE 0603-2/EN 60998-1
- The touch-proof blocks can be snapped together in a modular fashion depending on the application and attached to NS 35 DIN rails in accordance with EN 60715
- Available in two terminal block versions up to 25 mm² or up to 35 mm²
- Available in the five current conductor colors, e.g., for three-phase cables



25 (25) mm², 101 A, trunk line branch terminal block, 2x16 mm² feeders

ERC

Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Rated cross section	[mm ²]
Cross section range	AWG
Supply connection capacity	
1 conductor	[mm ²]
Branch connection capacity	
1 conductor	[mm ²]
General data	
Stripping length	[mm]
Insulating material	
Flammability rating in accordance with UL 94	

Technical data			
Width	Length	Height NS 35/7,5	
23	46	42	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
101	400	1.5 - 25	-
IEC 60998-1			
IEC	UL	CSA	IEC/ EN 60079-7
400	-	-	-
101 / 25	- / -	- / -	-
25	-	-	-
8 - 2	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
1.5 - 25	10 - 25	1.5 - 16	1.5 - 10
Rigid	Flexible	Ferrule without/with plastic sleeve	
1.5 - 16	-	1.5 - 10	1.5 - 6
16			
PA			
V0			

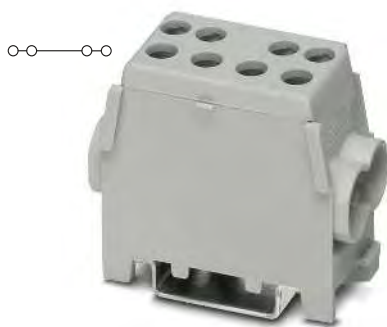
Description	Color
Terminal block, for mounting on NS 35...	gray black brown blue green

Ordering data		
Type	Order No.	Pcs./Pkt.
UDB 2X25/16 GY	3071355	5
UDB 2X25/16 BK	3071356	5
UDB 2X25/16 BN	3071357	5
UDB 2X25/16 BU	3071358	5
UDB 2X25/16 GN	3071359	5

Screwdriver
Marking

Accessories		
SF-PZSL 1-80 S-VDE	1212699	10
0815677 EML (15X9)R		





25 (35) mm², 125 A, trunk line branch terminal block, 2x25 mm² outlets

ERC

Technical data

Width	Length	Height NS 35/7,5	
27	55	46	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
125	400	10 - 35	-
IEC 60998-1			
IEC	UL	CSA	IEC/EN 60079-7
400	-	-	-
125 / 35	- / -	- / -	-
35	-	-	-
8 - 2	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
10 - 35	10 - 25	10 - 25	10 - 16
Rigid	Flexible	Ferrule without/with plastic sleeve	
1.5 - 25	-	1.5 - 16	1.5 - 10
25			
PA			
V0			

Ordering data

Type	Order No.	Pcs./Pkt.
UDB 2X35/25 GY	3071350	5
UDB 2X35/25 BK	3071351	5
UDB 2X35/25 BN	3071352	5
UDB 2X35/25 BU	3071353	5
UDB 2X35/25 GN	3071354	5

Accessories

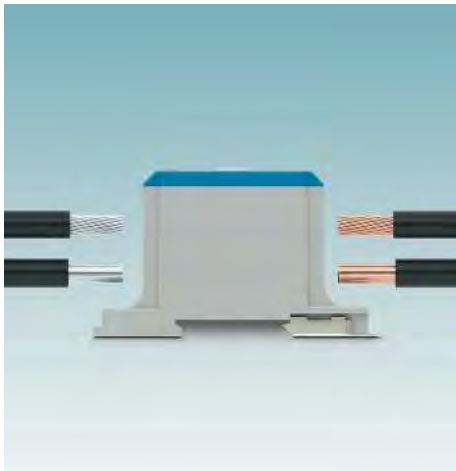
SF-PZSL 2-100 S-VDE	1212700	10
0815677 EML (15X9)R		

Terminal blocks – Classic

UBAL universal terminal blocks for aluminum conductors



The universal UBAL terminal blocks are suitable for the connection of aluminum and copper wire. Four cross-section sizes enable the connection of aluminum conductors from 6 to 240 mm² and copper wires from 2.5 to 240 mm².



The metal parts of the universal terminal blocks are produced from high-quality aluminum alloys. A lead-free tin coating on the clamping parts and screws enable the connection of aluminum and copper wires. The terminal blocks are suitable for both rigid and multi-stranded conductors.



The contact chambers are coated with an antioxidant, simplifying the aluminum conductor mounting process. Another advantage is that the screws do not need to be tightened, meaning that the terminal blocks are maintenance-free.



The universal terminal blocks are certified for the connection of aluminum conductors in accordance with EN 61238-1 (Class A). Furthermore, they are approved in accordance with IEC 60947-7-1 and are suited in particular for photovoltaic applications. Therefore, the terminal blocks are tested for an operating temperature of 90°C.

- Touch-protection caps cover the clamping space and the screw opening of the universal terminal blocks. The inadvertent touching of metal parts or opening of the terminal points is thus prevented
- A large area of the universal terminal blocks can be marked, thus enabling clear wiring
- PROJECT complete combines CAE software with the planning and marking processes. Thus, markings can be created simply and conveniently with the printing system from Phoenix Contact



1) The maximum electrical data relates to the use of copper wires here.

2) The values for aluminum conductors relate to multi-stranded conductors in accordance with EN 60228



145 A, feed-through terminal block

Dimensions	
	[mm]
Dimensions	
	[mm]
Dimensions	
	[mm]
Maximum electrical data ¹⁾	
Al conductor rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Rated cross section	[mm ²]
Cross section range	AWG
Cu wire rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Rated cross section	[mm ²]
Cross section range	AWG
Al conductor connection capacity ²⁾	
1 conductor	[mm ²]
2 conductors (of the same type)	[mm ²]
Cu wire connection capacity	
1 conductor	[mm ²]
2 conductors (of the same type)	[mm ²]
General data	
Stripping length	[mm]
Screw thread	
Tightening torque	
Insulating material	
Flammability rating in accordance with UL 94	

Technical data			
Width 19.2	Length 82.5	Height NS 35/7,5 51	
Width 19.2	Length 82.5	Height NS 35/15 58.5	
Width 19.2	Length 82.5	Height 51	
U _{max.} [A] 145	U _{max.} [V] 1000	max. Ø [mm²] 6 - 50	AWG (UL) -
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1000	-	-	-
145 / 50	-	-	-
50	-	-	-
6 - 1/0	-	-	-
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1000	-	-	-
160 / 50	-	-	-
50	-	-	-
6 - 1/0	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
6 - 35	6 - 50	-	-
-	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
2.5 - 16	2.5 - 35	2.5 - 35	-
-	1.5 - 16	-	-
23			
M6			
4 Nm (2,5 ... 4 mm²), 12 Nm (6 ... 50 mm²)			
PA			
VO			

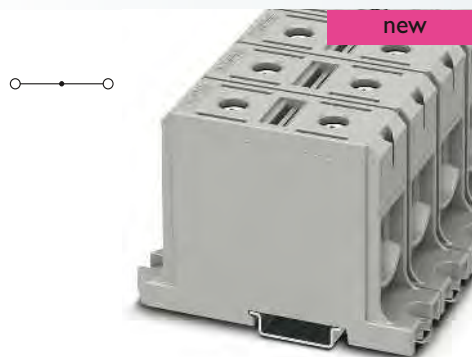
Description	Color
Terminal block	gray
	blue
	green
	brown
	black
	yellow

Ordering data		
Type	Order No.	Pcs./Pkt.
UBAL 50	1086465	20
UBAL 50 BU	1086466	20
UBAL 50 GN	1086468	20
UBAL 50 BN	1086470	20
UBAL 50 BK	1086469	20
UBAL 50 FE	1086471	20

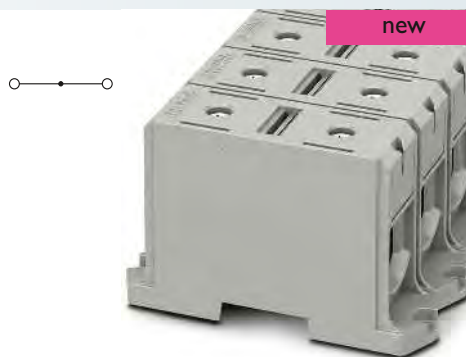
Cover, for conductor shaft	yellow
Center groove labeling	

Accessories		
CEC UBAL 50	1086473	25
UCT-TM 5 or ZB 5 (see Catalog 3)		

UBAL universal terminal blocks for aluminum conductors



320 A, feed-through terminal block



425 A, feed-through terminal block

Technical data			
Width	Length	Height NS 35/7,5	
30.5	105.5	67	
Width	Length	Height NS 35/15	
30.5	105.5	74.5	
Width	Length	Height	
30.5	105.5	67	
I_{max} [A]	U_{max} [V]	max. Ø [mm²]	AWG (UL)
320	1000	35 - 150	-
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1000	-	-	-
290 / 150	-	-	-
150	-	-	-
300 - 2	-	-	-
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1000	-	-	-
320 / 150	-	-	-
150	-	-	-
300 - 2	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
-	35 - 150	-	-
-	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
-	35 - 120	35 - 120	-
-	35 - 50	-	-
30			
M10			
20 Nm (35 ... 50 mm²), 30 Nm (120 ... 150 mm²)			
PA			
V0			

Technical data			
Width	Length	Height NS 35/7,5	
37.5	130	-	
Width	Length	Height NS 35/15	
37.5	130	-	
Width	Length	Height	
37.5	130	70	
I_{max} [A]	U_{max} [V]	max. Ø [mm²]	AWG (UL)
425	1000	35 - 240	-
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1000	-	-	-
380 / 240	-	-	-
240	-	-	-
500 - 3/0	-	-	-
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1000	-	-	-
425 / 240	-	-	-
240	-	-	-
500 - 3/0	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
-	35 - 240	-	-
-	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
-	35 - 185	35 - 185	-
-	35 - 70	-	-
43			
M12			
12 Nm (35 ... 70 mm²), 45 Nm (95 ... 240 mm²)			
PA			
V0			

Ordering data		
Type	Order No.	Pcs./Pkt.
UBAL 150	1086498	10
UBAL 150 BU	1086499	10
UBAL 150 GN	1086501	10
UBAL 150 BN	1086503	10
UBAL 150 BK	1086502	10
UBAL 150 FE	1086504	10

Accessories		
CEC UBAL 150	1086474	25
UCT-TM 10 or ZB 10 (see Catalog 3)		

Ordering data		
Type	Order No.	Pcs./Pkt.
UBAL 240	1086505	5
UBAL 240 BU	1086506	5
UBAL 240 GN	1086507	5
UBAL 240 BN	1086509	5
UBAL 240 BK	1086508	5
UBAL 240 FE	1086510	5

Accessories		
CEC UBAL 240	1090037	25
UCT-TM 12 or ZB 12 (see Catalog 3)		



4 mm test socket, for safety test plugs,
for UK terminal blocks



4 mm test socket, for SRTK 6 and
URTK 6 test disconnect terminal blocks,
M3 thread



4 mm test socket, for safety test plugs,
for URTK/S test disconnect terminal blocks

EAC

EAC

Ordering data			Ordering data			Ordering data		
Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
PSBJ 3/52/6 GY	3048085	10						
PSBJ 4/41/8 GY	3206186	10						
PSBJ 3/50/6 GY	3048098	10						
PSBJ 4/51/8 GY	3206173	10						
			PSBJ-URTK 6 FARBLOS	3026450	10			
			PSBJ-URTK 6 RD	3026719	10			
			PSBJ-URTK 6 BU	3026434	10			
			PSBJ-URTK 6 YE	3026405	10			
			PSBJ-URTK 6 GN	3026418	10			
			PSBJ-URTK 6 VT	3026421	10			
			PSBJ-URTK 6 BK	3026447	10			
			PSBJ-URTK 6 GY	3026612	10			
			PSBJ-URTK 6 BN	3026971	10			
						PSBJ-URTK/S RD	0311744	10
						PSBJ-URTK/S BU	0311757	10
						PSBJ-URTK/S YE	0311731	10
						PSBJ-URTK/S GN	0311760	10
						PSBJ-URTK/S VT	0311773	10
						PSBJ-URTK/S BK	0311728	10

Test sockets PSBJ ...

Notes:
1) For additional test sockets, visit phoenixcontact.net/products

- Test sockets are also available for the UGSK/S switchable slide-type terminal blocks for testing tasks with 4 mm Ø safety measuring cables



		Ordering data		
Description	Color	Type	Order No.	Pcs./Pkt.
Test socket	orange	PSBJ-GSK/S-N OG	3032890	10
	yellow	PSBJ-GSK/S-N YE	3032891	10
	green	PSBJ-GSK/S-N GN	3032892	10
	violet	PSBJ-GSK/S-N VT	3032893	10
	blue	PSBJ-GSK/S-N BU	3032894	10
Test socket, insulated ¹⁾	gray			
	brown			
	black			
	red			
	orange			
	yellow			
	green			
	violet			
	blue			



Ordering data		
Type	Order No.	Pcs./Pkt.
PSBJ 6-T GY	3070316	10
PSBJ 6-T BN	3070317	10
PSBJ 6-T BK	3070318	10
PSBJ 6-T RD	3070319	10
PSBJ 6-T OG	3070320	10
PSBJ 6-T YE	3070326	10
PSBJ 6-T GN	3070327	10
PSBJ 6-T VT	3070328	10
PSBJ 6-T BU	3070329	10

Test sockets PSB ...



Test sockets for UK terminal blocks

- Test sockets PSB ... are used for a reliable test connection
- All test sockets are screwed into the bridge shaft
- With the PSB 3/10/4, the test connection is provided by the MPS miniature test plug with 2.3 mm diameter
- With the PSB 6/5/6 and PSB 4/7/6, the test plug with 4 mm diameter is used

Description	Color
Test socket	
For UK 2,5 N, UK 3 N, UK 5 N, URTK/SS terminal blocks, M3 thread	silver
For the UK 6 N, UK 10 N, UK 16 N terminal blocks, M4 thread	silver
For UK 35 terminal block, M6 thread	silver

ERC

Ordering data		
Type	Order No.	Pcs./Pkt.
PSB 3/10/4	0601292	10
PSB 4/7/6	0303299	10
PSB 6/5/6	0205290	10

Modular test plugs PS-...

- The modular test plugs PS-...2,3MM can be used to put together individual test adapters
- The test plug reliably makes contact in the bridge shaft and in all test sockets with a 2.3 mm or 4 mm diameter
- The modular test plugs PS-UK ... are simply placed on the bridge shaft of the corresponding terminal block and latched by pressing down the locking pin



2.3 mm test plugs



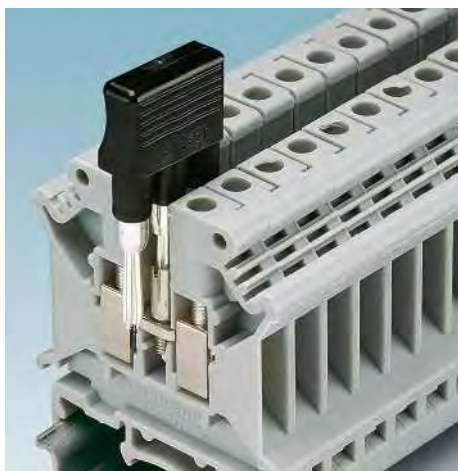
ERC

Technical data		
-		
-		
- ... -		
Ordering data		
Type	Order No.	Pcs./Pkt.
MPS-MT	0201744	10
MPS-IH WH	0201663	10
MPS-IH RD	0201676	10
MPS-IH BU	0201689	10
MPS-IH YE	0201692	10
MPS-IH GN	0201702	10
MPS-IH GY	0201728	10
MPS-IH BK	0201731	10
MPS-MT/ 4MM	3048577	10
PS-5/2,3MM RD	3038723	10
PS-6/2,3MM RD	3038736	10
PS-7,5/2,3MM RD	3038749	10
PS-8/2,3MM RD	3048564	10

ERC

Technical data		
PA		
V2		
-40 ... 115		
Ordering data		
Type	Order No.	Pcs./Pkt.
PS-UK 2,5 B/E	3001132	10
PS-UK 2,5 B/Z-5	3001226	1
PS-UK 2,5 B/Z-6	3001239	1
PS-UKK/E	3000641	10
PS-UKK 3	3000638	1
PS-UKK 5	3000625	1

Short-circuit plugs KSS ...



- Short-circuit plugs allow two or more neighboring terminal blocks, fitted with the test sockets PSB ... or PSBJ ..., to be easily short circuited
- The short-circuit plugs KSSI ... are suitable for use on isolated 4 mm test sockets for safety test plugs



2-, 3- and 4-pos. short-circuit plugs

ERC

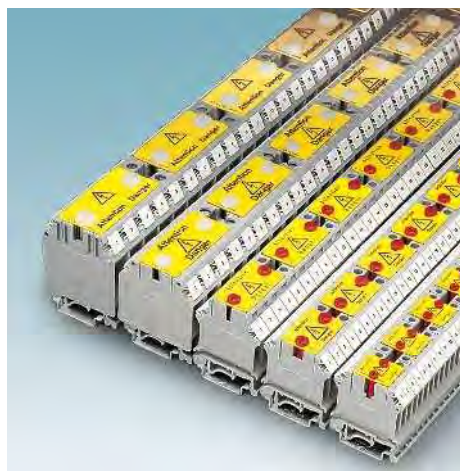
General data		
Material		Copper
Flammability rating in accordance with UL 94		V2

Description	No. of pos.	Color
Short-circuit plug , for short circuiting neighboring terminal blocks, can only be used with PSB or PSBJ		
Pitch 5.2 mm	2	black
Pitch 6.2 mm	2	black
Pitch 8.2 mm	2	black
Pitch 10.2 mm	2	black
Short-circuit plug , for short circuiting neighboring terminal blocks, can only be used with PSB or PSBJ, with 6.2 mm pitch		
	3	black
Short-circuit plug , for short circuiting neighboring terminal blocks, can only be used with PSB or PSBJ, with 8.2 mm pitch		
	4	black
Short-circuit plug , for short circuiting neighboring terminal blocks, fully insulated		
	2	black
	4	black

Technical data		
Copper		
V2		
Ordering data		
Type	Order No.	Pcs./Pkt.
KSS 5	2303543	10
KSS 6	0301547	10
KSS 8	0311540	10
KSS 10	0310541	10
KSS 3- 6	0309523	10
KSS 4- 8	0309549	10
KSSI 2-8	3000722	10
KSSI 4-8	3000735	10



Warning labels WS ...



- Network connection terminal blocks are reliably covered and labeled using warning labels
- This prevents accidental actuation of the terminal points
- The warning labels are secured in the bridge shafts of the UK ... modular terminal blocks using plastic screws



Warning labels for UK feed-through terminal blocks

Ordering data				
Description	Color	Type	Order No.	Pcs./Pkt
Warning label, with 2 plastic screws, pitch 5 mm				
covers 3 terminal blocks	yellow/black	WS 3- 5	0805357	10
covers 4 terminal blocks	yellow/black	WS 4- 5	0805344	10
covers 5 terminal blocks	yellow/black	WS 5- 5	0805331	10
Warning label, with 2 plastic screws, pitch 6 mm				
covers 3 terminal blocks	yellow/black	WS 3- 6	1004115	10
covers 4 terminal blocks	yellow/black	WS 4- 6	1004209	10
covers 5 terminal blocks	yellow/black	WS 5- 6	1004403	10
Warning label, with 2 plastic screws, pitch 8 mm				
covers 3 terminal blocks	yellow/black	WS 3- 8	1004128	10
covers 4 terminal blocks	yellow/black	WS 4- 8	1004212	10
covers 5 terminal blocks	yellow/black	WS 5- 8	1004416	10
Warning label, with 2 plastic screws, pitch 10 mm				
covers 4 terminal blocks	yellow/black	WS 4-10	1004225	10
covers 5 terminal blocks	yellow/black	WS 5-10	1004429	10
Warning label, with 2 plastic screws, pitch 12 mm				
covers 4 terminal blocks	yellow/black	WS 4-12	0805328	10
covers 5 terminal blocks	yellow/black	WS 5-12	0805315	10
Warning label, with two plastic screws, pitch 15 mm				
covers 4 terminal blocks	orange	WS 4-15	1004241	10
covers 5 terminal blocks	orange	WS 5-15	1004445	10



i Your web code: **#0845**



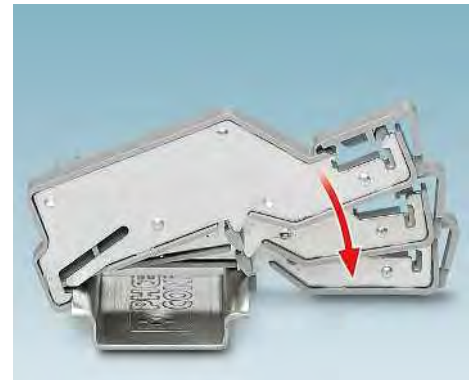
Large shield support

Shield connection terminal blocks are suitable for all standard cable shields and allow for EMC-compliant wiring through large surfaces and low-impedance and low-resistance contact transitions.



Easy to install

The shield connection clamps offer optimum wiring convenience. Only once the terminal strip has been wired is the shield connection terminal block mounted by simply pivoting it into place.

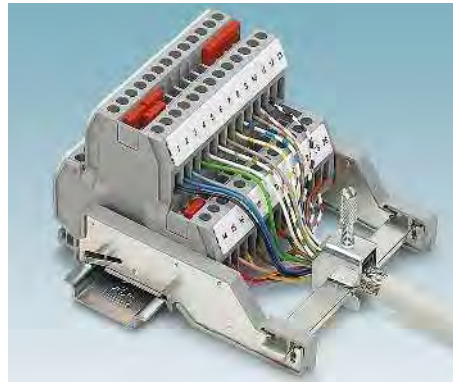


Safe contact

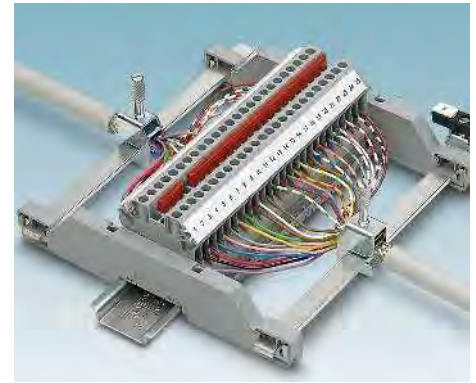
Phoenix Contact support brackets for shield connection clamps are easily snapped onto the mounting rail. The integrated contact metals allow the ground potential to be automatically connected to the busbar.



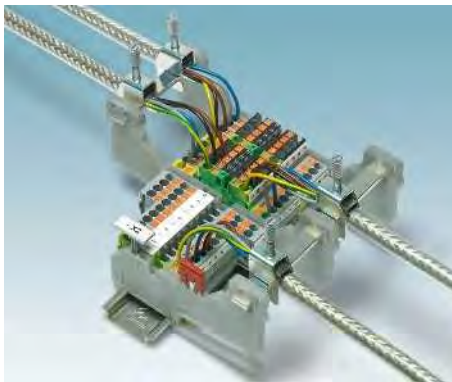
Conductors with a diameter of 2 to 35 mm can make optimum contact with the shield connection clamps from the SK series without any special tools and are available for various types of mounting.



The single-sided shield support brackets AB-SK are particularly well suited to space-saving conductor connection for terminal blocks and devices with cable entry at the side.



The double support bracket offers simple handling with optimum EMC properties for the two-sided support of a shielded cable. Either an isolated or grounded structure can be used.



The easiest way to wire terminal blocks with a front connection is using support brackets AB-SK TOP located above the blocks. The NLS rail can be mounted in the support brackets vertically, horizontally or at a 45° angle for optimum conductor placing.



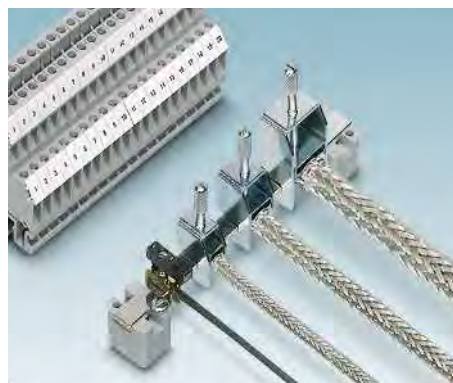
The 3 x 10 mm PEN conductor busbar can also be quickly and safely snapped into the contact zone. The ground potential is thereby automatically connected to the busbar.



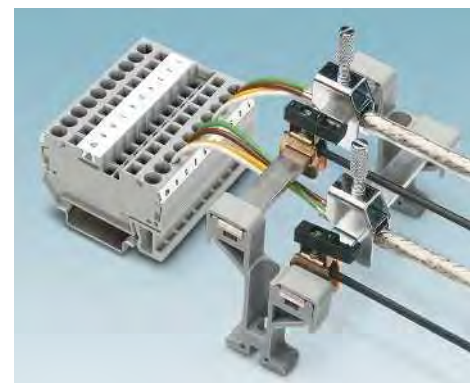
Having the same design as the SK series, shield supports with terminal blocks SK ...-D can also be realized directly on the mounting plate or back wall. The terminal blocks are simply pivoted into the two slots above the conductor.



Support brackets with a lateral metal insert for the PEN conductor busbar or T-shaped compact support brackets AB-SK/E are used to freely position the shield connection clamps on the mounting plate.



Alternatively, the shielding can also be connected to ground potential isolated from protective earth ground. An appropriate contact to the PEN conductor busbar is established using a pick-off terminal block.



The easiest way to wire terminal blocks with a front connection is using support brackets located above the blocks. This method also allows multi-level terminal blocks with short wiring paths to be connected in compliance with EMC requirements.

Terminal blocks – Classic

SK shield connection clamps

Shield connection clamps SK ...

The screw-type shield connection clamps of the SK series are characterized by:

- Simple handling
- Knurled screw
- Spring-loaded, large pressure piece
- Suitable for direct and busbar mounting

Notes:

Dimensional drawings can be found on page 605.



Shield connection clamps
for busbar mounting



Shield connection clamps
for direct mounting

ERC

Ordering data

Description	Color
Shield connection clamp , for applying the shield to busbars, contact resistance < 1 mΩ	
Ø 2-5 mm, tightening torque 0.4 Nm	silver
Ø 3-8 mm, tightening torque 0.6 Nm	silver
Ø 3-14 mm, tightening torque 0.8 Nm	silver
Ø 5-20 mm, tightening torque 0.8 Nm	silver
Ø 5 - 28 mm, tightening torque 1 Nm	silver
Ø 20-35 mm, tightening torque 1.2 Nm	silver
Shield connection clamp , for applying the shield directly to the conductive mounting plates, plate thickness 1 - 2 mm	
Ø 2-5 mm, tightening torque 0.4 Nm	silver
Ø 3-8 mm, tightening torque 0.6 Nm	silver
Ø 3-14 mm, tightening torque 0.8 Nm	silver
Ø 5-20 mm, tightening torque 0.8 Nm	silver
Ø 5 - 28 mm, tightening torque 1 Nm	silver
Ø 20-35 mm, tightening torque 1.2 Nm	silver

Type	Order No.	Pcs./Pkt.
SK 5	3025338	10
SK 8	3025163	10
SK 14	3025176	10
SK 20	3025189	10
SK 28	3026997	10
SK 35	3026463	10

Accessories

PEN conductor busbar, 3 x 10 mm, 1 m long, material: Copper, tin-plated, nominal current: 140 A

NLS-CU 3/10 SN 1000MM	0402174	10
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ERC

Ordering data

Type	Order No.	Pcs./Pkt.
SK 5-D	3025406	10
SK 8-D	3026861	10
SK 14-D	3026874	10
SK 20-D	3026887	10
SK 28-D	3027006	10
SK 35-D	3026890	10

Accessories

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Shield connection clamps SKS ...

- The spring shield connection clamps SKS ... are available for cable and conductor diameters of between 3 and 20 mm
- Three different forms of mounting are possible: on NS 35 DIN rails, on busbars or directly on conductive mounting plates

Notes:

Dimensional drawings can be found on page 605.



Shield connection clamps
for busbar and direct mounting



Shield connection clamps
for DIN rail mounting

EAC

Ordering data			
Type	Order No.	Pcs./Pkt.	
Shield connection clamp , for applying the shield to busbars, contact resistance < 1 mΩ			
Ø 3-8 mm	3240210	10	
Ø 3-14 mm	3240211	10	
Ø 5-20 mm	3240212	10	
Shield connection clamp , for directly applying the shield to conductive mounting plates, metal thickness 1 - 2 mm, with fastening screw M4			
Ø 3-8 mm	3240213	10	
Ø 3-14 mm	3240214	10	
Ø 5-20 mm	3240215	10	
Shield connection clamp , with screwfix, mounting on DIN rail NS 35..., for shield support on busbars			
Ø 3-8 mm			
Ø 3-14 mm			
Ø 5-20 mm			
Shield connection clamp , with snap-on foot, mounting on DIN rail NS 35..., for shield support on busbars			
Ø 3-8 mm			
Ø 3-14 mm			
Ø 5-20 mm			

Accessories

NLS-CU 3/10 SN 1000MM	0402174	10

EAC

Ordering data		
Type	Order No.	Pcs./Pkt.
Shield connection clamp , for applying the shield to busbars, contact resistance < 1 mΩ		
Ø 3-8 mm	3240210	10
Ø 3-14 mm	3240211	10
Ø 5-20 mm	3240212	10
Shield connection clamp , for directly applying the shield to conductive mounting plates, metal thickness 1 - 2 mm, with fastening screw M4		
Ø 3-8 mm	3240213	10
Ø 3-14 mm	3240214	10
Ø 5-20 mm	3240215	10
Shield connection clamp , with screwfix, mounting on DIN rail NS 35..., for shield support on busbars		
Ø 3-8 mm		
Ø 3-14 mm		
Ø 5-20 mm		
Shield connection clamp , with snap-on foot, mounting on DIN rail NS 35..., for shield support on busbars		
Ø 3-8 mm		
Ø 3-14 mm		
Ø 5-20 mm		

Accessories

NLS-CU 3/10 SN 1000MM	0402174	10

Terminal blocks – Classic

SK shield connection clamps

Support bracket for shield support on one side



AB-SK TOP

- For convenient shield connection, especially for single- and multi-level terminal blocks and devices with a front connection
- The 3 x 10 mm rail can be mounted in the support brackets vertically, horizontally and at a 45° angle for optimum conductor placing
- Compact design in a 5.2 mm pitch
- Can be marked with zack marker strip and KLM ... terminal strip markers
- Parking facility for plug-in bridges FBS
- End bracket function
- For mounting shield connection clamps SK and SKS

AB-SK

- The single-sided shield support brackets AB-SK are particularly well suited to space-saving conductor connection for terminal blocks and devices with cable entry at the side
- Available in two lengths
- For mounting shield connection clamps SK

AB-SKS

- For convenient shield connection, especially for single- and multi-level terminal blocks and devices with a front connection
- Isolated to DIN rail
- End bracket function
- For mounting shield connection clamps SK and SKS



Support bracket, tall,
for shield connection clamps SK and SKS

Dimensions	[mm]
------------	------

General data
Material

Description	Color
-------------	-------

Support bracket with end holder function, for mounting on NS 35..., direct contact with NS 35..., for accommodating 3 x 10 mm busbars, shield connection clamps SK and SKS

gray

Support bracket with end holder function, for mounting on NS 35..., isolated to NS 35..., for accommodating 3 x 10 mm busbars, for shield connection clamps SK and SKS

gray

Support bracket, for mounting on NS 35..., direct contact with NS 35..., for accommodating 3 x 10 mm busbars, shield connection clamps SK

gray

Support bracket, 65 mm, for mounting on NS 35..., direct contact with NS 35..., for accommodating 3 x 10 mm busbars, shield connection clamps SK

gray

Support bracket with end holder function, for mounting on NS 35..., isolated to NS 35..., for accommodating 3 x 10 mm busbars, for shield connection clamps SK and SKS

gray

PEN conductor busbar, 3 x 10 mm, 1 m long, material: Copper, tin-plated, nominal current: 140 A

silver

Lateral groove labeling

Lateral groove labeling

Technical data

Width	Length	Height NS 35/7,5
5.2	102.4	63.2

PA

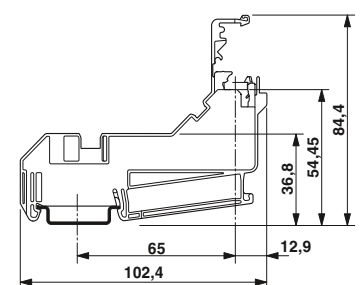
Ordering data

Type	Order No.	Pcs./Pkt.
AB-SK TOP	3062090	10
AB-SK TOP INSULATED	3062074	10

Accessories

NLS-CU 3/10 SN 1000MM	0402174	10
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UC-TM 5, UCT-TM 5 or ZB 5 (see Catalog 3)
UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 3)



AB-SK TOP



Support bracket,
for shield connection clamps SK



Support bracket, 65 mm long,
for shield connection clamps SK



Isolated support bracket, tall,
for shield connection clamps SK and SKS

Technical data		
Width	Length	Height NS 35/7,5
6.2	77.35	28.7
PA		

Ordering data		
Type	Order No.	Pcs./Pkt.

AB-SK	3025341	10
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Accessories		
NLS-CU 3/10 SN 1000MM	0402174	10

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Technical data		
Width	Length	Height NS 35/7,5
6.2	95.5	28.7
PA		

Ordering data		
Type	Order No.	Pcs./Pkt.

AB-SK 65	3026489	10
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Accessories		
NLS-CU 3/10 SN 1000MM	0402174	10

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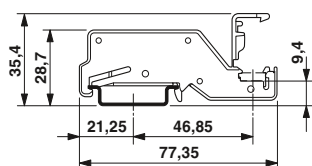
Technical data		
Width	Length	Height NS 35/7,5
9.5	97.8	46.9
PA		

Ordering data		
Type	Order No.	Pcs./Pkt.

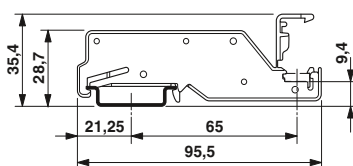
AB-SKS 60	3240223	10
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Accessories		
NLS-CU 3/10 SN 1000MM	0402174	10

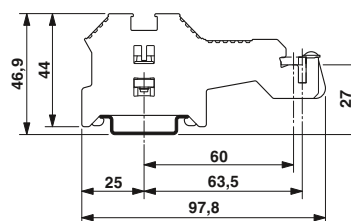
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AB-SK



AB-SK 65

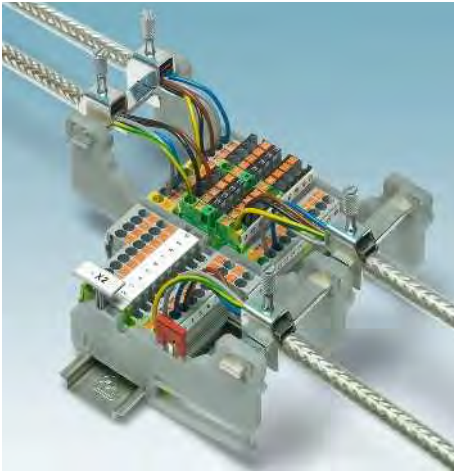


AB-SKS 60

Terminal blocks – Classic

SK shield connection clamps

Double support bracket for shield support on both sides



AB-SK-D TOP

- For convenient shield connection, especially for single- and multi-level terminal blocks and devices with a front connection
- The 3 x 10 mm rail can be mounted in the support brackets vertically, horizontally and at a 45° angle for optimum conductor placing
- Compact design in a 5.2 mm pitch
- Can be marked with zack marker strip and KLM ... terminal strip markers
- Parking facility for bridges and connectors
- For mounting shield connection terminal blocks SK and SKS

AB-SK 65-D

- The double shield support brackets are particularly well suited to space-saving conductor connections for terminal blocks and devices with cable entry at the side
- Available in two lengths
- For mounting shield connection terminal blocks SK

Dimensions	[mm]
------------	------

General data

Material

Description	Color
-------------	-------

Double support bracket with end bracket function, for mounting on NS 35..., direct contact with NS 35..., for accommodating 3 x 10 mm busbars, shield connection terminal blocks SK and SKS

gray

Double support bracket with end bracket function, for mounting on NS 35..., isolated to NS 35..., for accommodating 3 x 10 mm busbars, for shield connection clamps SK and SKS

gray

Double support bracket, for mounting on NS 35..., direct contact with NS 35..., for accommodating 3 x 10 mm busbars, shield connection clamps SK

gray

Double support bracket, 65 mm, for mounting on NS 35..., isolated to NS 35..., for accommodating 3 x 10 mm busbars, shield connection clamps SK

gray

PEN conductor busbar, 3 x 10 mm, 1 m long, material: Copper, tin-plated, nominal current: 140 A

silver

Lateral groove labeling

Lateral groove labeling

Technical data		
Width	Length	Height NS 35/7,5
5.2	155.8	-

PA

Ordering data

Type	Order No.	Pcs./Pkt.
------	-----------	-----------

AB-SK-D TOP	3062100	10
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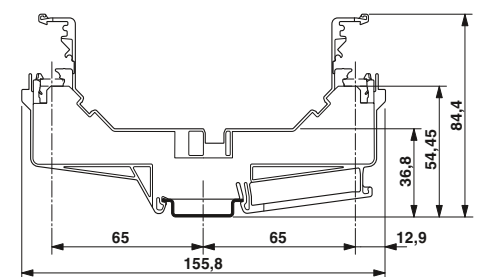
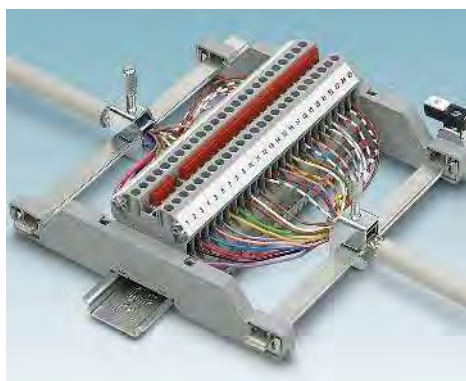
Accessories

NLS-CU 3/10 SN 1000MM	0402174	10
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UC-TM 5, UCT-TM 5 or ZB 5 (see Catalog 3)
UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 3)



Double support bracket, tall, for shield connection clamps SK and SKS



AB-SK-D TOP



Isolated, double support bracket, tall,
for shield connection clamps SK and SKS



Double support bracket, tall,
for shield connection clamps SK



Isolated, double support bracket, tall,
for shield connection clamps SK

Technical data		
Width	Length	Height NS 35/7,5
5.2	155.8	-
PA		

Ordering data		
Type	Order No.	Pcs./Pkt.

AB-SK-D TOP INSULATED	3062087	10
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Accessories		
NLS-CU 3/10 SN 1000MM	0402174	10

UC-TM 5, UCT-TM 5 or ZB 5 (see Catalog 3)
UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 3)

Technical data		
Width	Length	Height NS 35/7,5
8.2	150	28.7
PA		

Ordering data		
Type	Order No.	Pcs./Pkt.

AB-SK 65-D	3026900	10
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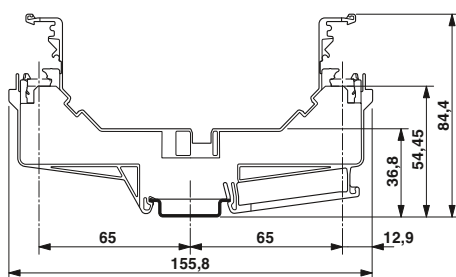
Accessories		
NLS-CU 3/10 SN 1000MM	0402174	10

Technical data		
Width	Length	Height NS 35/7,5
8.2	150	28.7
PA		

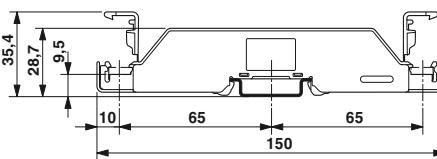
Ordering data		
Type	Order No.	Pcs./Pkt.

AB-SK 65-D INSULATED	3040889	10
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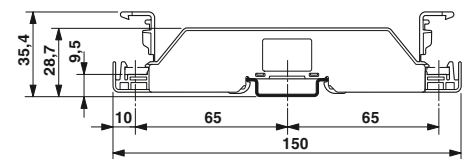
Accessories		
NLS-CU 3/10 SN 1000MM	0402174	10



AB-SK-D TOP INSULATED



AB-SK 65-D



AB-SK 65-D INSULATED

Terminal blocks – Classic

SK shield connection clamps

Support bracket
for direct mounting

- The support brackets are available in the following versions:
- AB/SS for isolated installation on the mounting plate and
 - AB/SS-M for non-isolated installation on the mounting plate
 - For mounting shield connection terminal blocks SK and SKS

Notes:
For dimensional drawings, see phoenixcontact.net/products



Support bracket for shield connection clamps SK

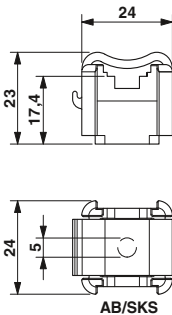
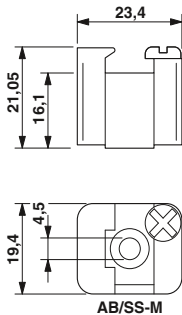
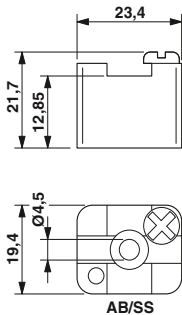


Support bracket for shield connection clamps SK & SKS

General data	
Material	PA
Description	Color
Support bracket, insulated, with retaining screw, for 3 x 10 mm or 6 x 6 mm busbars	gray
Support bracket, with contact to the mounting plate, with retaining screw, for 3 x 10 mm busbars	gray
Support bracket, insulated, for 3 x 10 mm or 6 x 6 mm busbars	gray
	gray
PEN conductor busbar, 3 x 10 mm, 1 m long, material: Copper, tin-plated, nominal current: 140 A	silver

Technical data		
Ordering data		
Type	Order No.	Pcs./Pkt.
AB/SS	0404428	10
AB/SS-M	3025888	10
Accessories		
NLS-CU 3/10 SN 1000MM	0402174	10

Technical data		
Ordering data		
Type	Order No.	Pcs./Pkt.
AB/SKS	3240224	10
Accessories		
NLS-CU 3/10 SN 1000MM	0402174	10



Multi-level support bracket for direct mounting



- Double and triple support brackets for different busbars
- Type allows for an extremely compact design using large amounts of wiring, e. g., for multi-level front connection terminal blocks
- Support brackets are isolated
- Direct mounting



Support bracket, multi-level, insulated

General data

Material	
Description	Color
Double support bracket , insulating material, can be optionally used for either 3 x 10 mm or 6 x 6 mm neutral busbar	
Height 48 mm	gray
Height 36.8 mm	gray
Triple support bracket , made from isolation material	gray

PEN conductor busbar, 3 x 10 mm, 1 m long, material: Copper, tin-plated, nominal current: 140 A

silver

PEN conductor busbar, in accordance with DIN VDE 0611-4, 6 x 6 mm, 1 m long, material: Copper, tin-plated, nominal current: 140 A

silver

Technical data

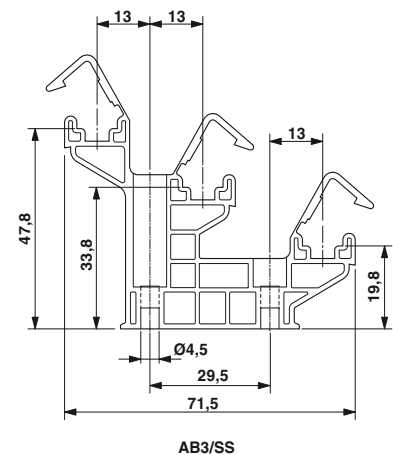
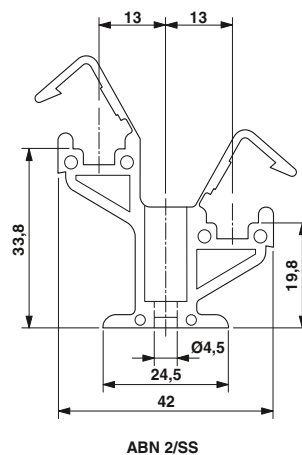
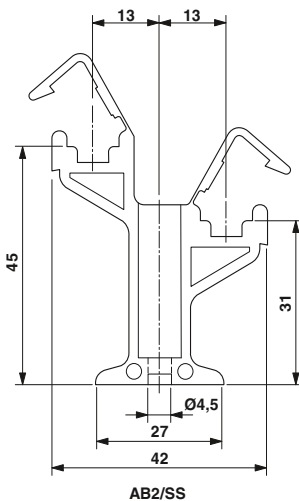
PA

Ordering data

Type	Order No.	Pcs./Pkt.
AB2/SS	0404431	10
ABN 2/SS	0404460	10
AB3/SS	0800086	10

Accessories

NLS-CU 3/10 SN 1000MM	0402174	10
NLS-CU 6/6 SN 1000MM	0402161	10



Terminal blocks – Classic

SK shield connection clamps

Support bracket
for direct and DIN rail mounting

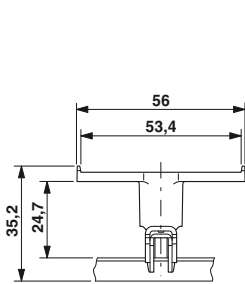


- T-shaped support brackets for space-saving direct mounting and free positioning on the mounting plate
- Suitable for shield connection clamps SK 5 to SK 14, SKS 8 and SKS 14
- Version for NS 35 DIN rail mounting

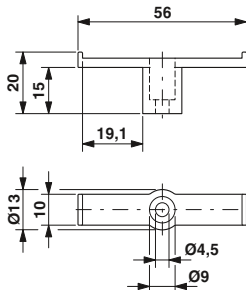


Support bracket

		Technical data		
General data				
Material		Aluminum		
		Ordering data		
Description	Color	Type	Order No.	Pcs./Pkt.
Support bracket , for direct mounting with contacting on the mounting surface				
	silver	AB-SK/E	3026476	10
Support bracket , for mounting on NS 35 DIN rails				
	silver	AB-SK/E-NS 35	3213111	10



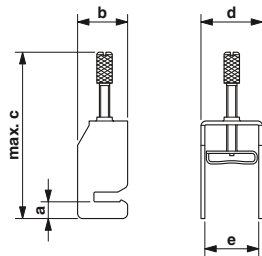
AB-SK/E-NS 35



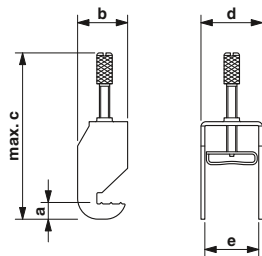
AB-SK/E

SK shield connection clamps

Terminal block	Dimensions [mm]				
	a	b	c	d	e
SK 5	6.5	19.5	46.8	9	6
SK 8	6.5	19.5	48.7	12	9
SK 14	6.5	19.5	59.3	17	14
SK 20	6.5	19.5	75	24	21
SK 28	6.5	20	93	32	28
SK 35	6.5	20	106.5	40	36
SK 5-D	6.5	19.5	46.8	9	6
SK 8-D	6.5	19.5	47.2	12	9
SK 14-D	6.5	19.5	57.8	17	14
SK 20-D	6.5	19.5	73.5	24	21
SK 28-D	6.5	20	91.5	32	28
SK 35-D	6.5	20	105.0	41	36



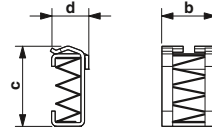
SK ...



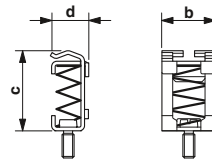
SK ...-D

SKS shield connection clamps

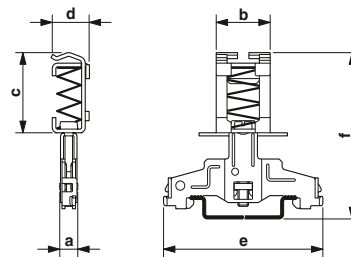
Terminal block	Dimensions [mm]					
	a	b	c	d	e	f
SKS 8	—	18	26	12.4	—	—
SKS 14	—	21	32	19	—	—
SKS 20	—	27	40.5	24.7	—	—
SKS 8-D	—	18	26	12.4	—	—
SKS 14-D	—	21	32	19	—	—
SKS 20-D	—	27	40.5	24.7	—	—
SKS 8-NS35	6	18	26	12.4	52	54
SKS 14-NS35	6	21	32	19	52	60
SKS 20-NS35	6	27	40.5	24.7	52	68.4



SKS ...



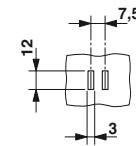
SKS ...-D



SKS ...-NS35

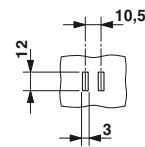
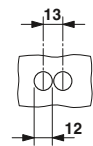
Drilling and punching patterns for SK ...-D

Punching template

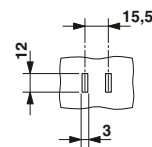
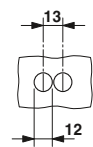


SK 5-D

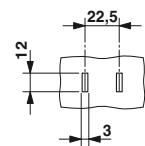
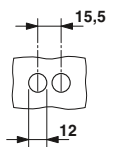
Drilling diagram



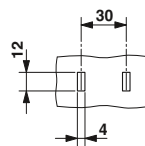
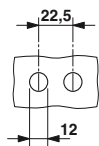
SK 8-D



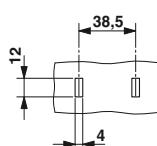
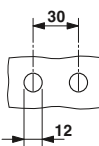
SK 14-D



SK 20-D



SK 28-D



SK 35-D

