

ST spring-cage connection terminal blocks

The ST spring-cage connection terminal blocks from the CLIPLINE complete system have been developed for universal spring-loaded conductor contacting. The high contact force guarantees a vibration-proof, gas-tight connection with long-term stability.

The compact front connection ensures easy operation. The terminal point is opened using a standard screwdriver. After the conductor has been inserted into the clamping space, the screwdriver is removed and the conductor automatically makes contact.

All kinds of copper conductors up to 35 mm² can be clamped without any pre-treatment.

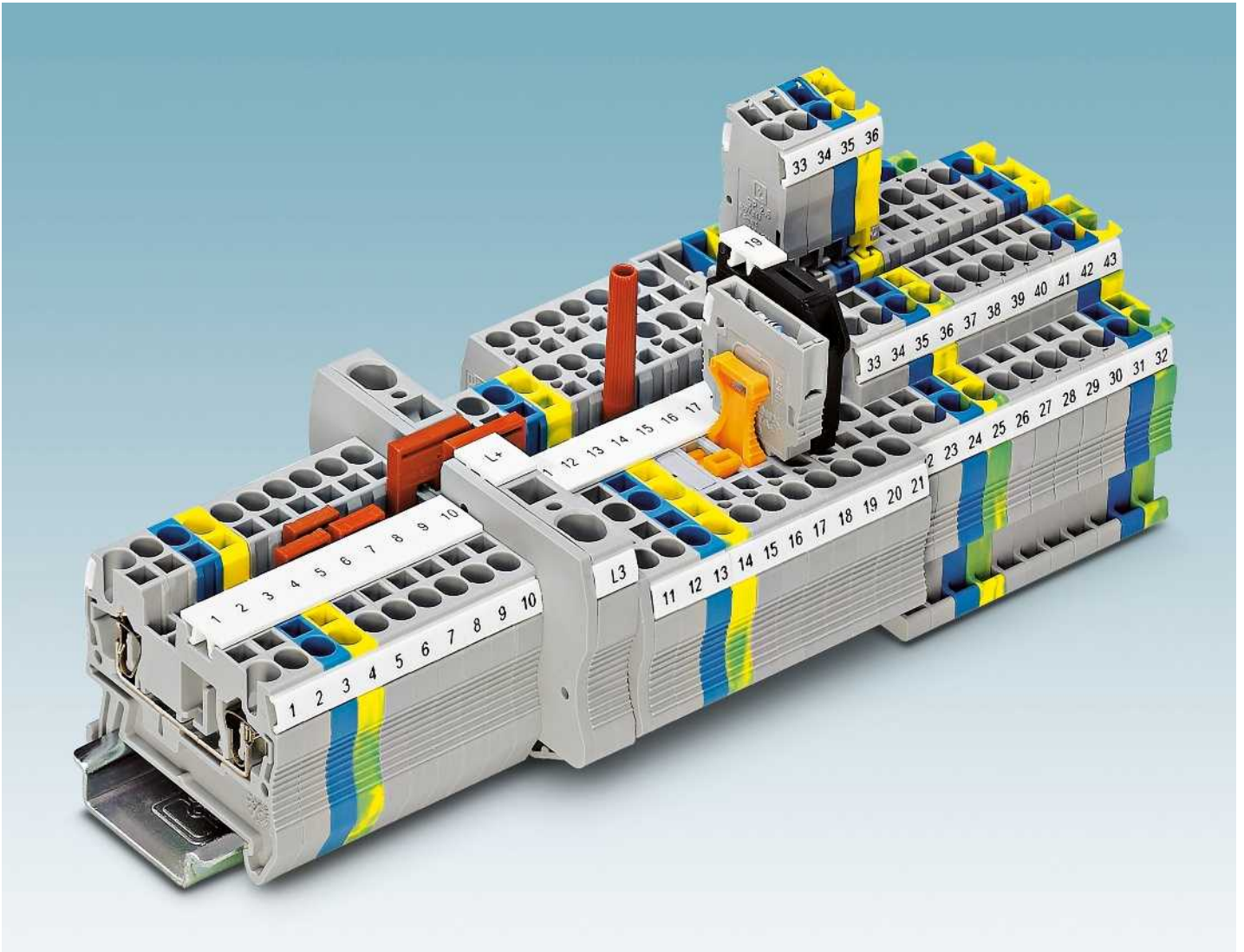
Spring-cage connection terminal blocks offer a large insertion space, which means that conductors with a nominal cross section can be wired both with and without ferrules.

Product range overview

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Modular terminal blocks - CLIPLINE complete

ST spring-cage connection terminal blocks



Space-saving design

Thanks to the space-saving design and conductor entry from above, ST spring-cage terminal blocks are ideal for control systems where limited space is available.



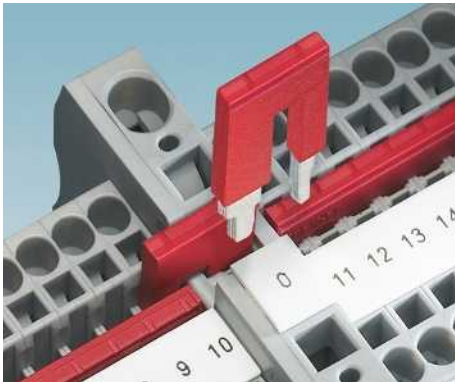
Maximum connection space

Thanks to their maximum connection space, miniature spring-cage terminal blocks offer a quick means of wiring solid and stranded conductors, even for conductors of nominal cross section with assembled ferrule.

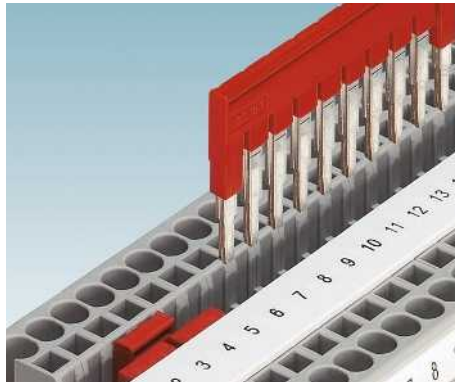


Large-surface labeling

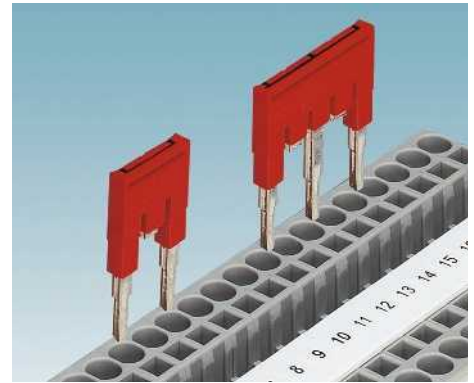
Large and clear marking of the terminal points is essential for reliable and quick installation. In addition to this, each terminal point can be labeled separately.



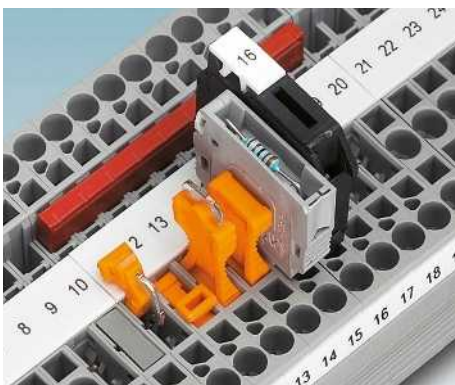
The reducing bridge allows terminal blocks with different nominal cross sections to be connected with ease. The reducing bridge can be used to quickly create power blocks, e.g., an ST 10 spring-cage terminal block with an ST 2,5 or ST 4.



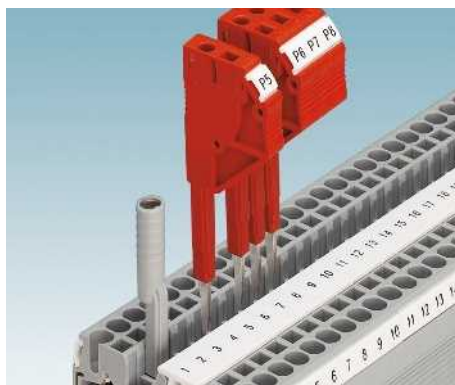
The double function shaft can be used to connect any number of terminal blocks with two-position bridges. The 2 to 50-pos. bridges allow up to 50 terminal blocks to be bridged in one step.



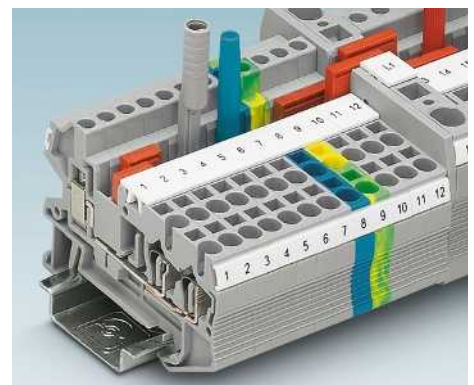
A jumping bridge is created by removing individual contact guides from the standard bridge. Two potentials can then be routed in parallel. The contact points can also be marked.



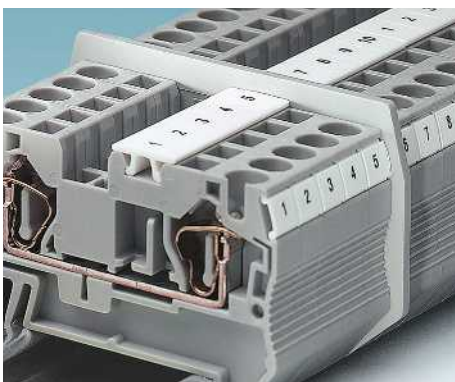
The P-FIX isolated feed-through connector, P-DI isolating plug, P-CO component plug, and P-FU cartridge fuse plug can be used in the universal plug-in zone of the disconnect terminal block.



A test plug with a 2.3 mm diameter is available for measuring lines. All measurement and test work can be completed at speed using test adapters for 4 mm diameter test plugs and the modular test plugs.



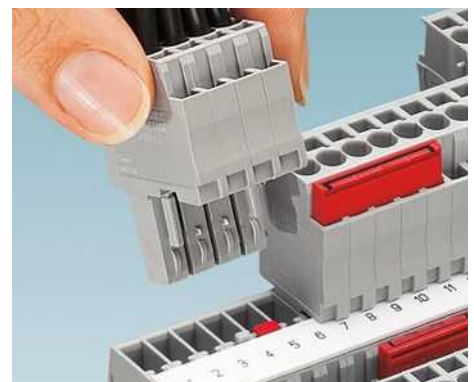
The hybrid versions combine the benefits of the spring-cage connection method with those of the universal screw connection.



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



Cover segments are used to cover protruding terminal block segments of three or four-conductor terminal blocks, when adding two-conductor terminal blocks. Fingers are thereby protected from contact.



ST-COMBI terminal blocks are available for creating plug-in signal and power wiring. The system is touch proof and offers plugs for self-assembly with extensive accessories. See "COMBI" section, page 329.

Modular terminal blocks - CLIPLINE complete

ST spring-cage connection terminal blocks

ST ... feed-through terminal block



The ST spring-cage terminal block series is characterized by the system features of the CLIPLINE complete system and the following features:

- The compact design and front connection not only offer space savings but also convenient wiring in tight spaces
- The large connection space allows conductors with ferrules and plastic collars of nominal cross section to be accommodated
- The continuous dual function shaft offers every opportunity for time-saving potential distribution and storing test accessories

Terminal strip service

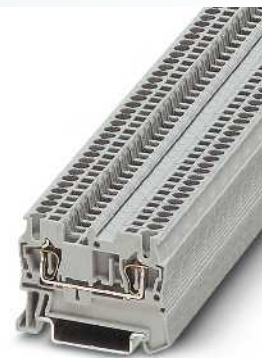
We produce fully pre-assembled terminal strips for fitting straight into the control cabinet or switch system. This simplifies installation, saves time, and cuts costs.

Marker carriers

- Various marker carriers and adapters are available for all tasks relating to the marking of terminal blocks and terminal strips.



Notes:
For suitable marker carriers or adapters, see page 484.
1) For installation notes on the use of accessories for Ex e applications, see page 710.
2) The reducing bridge table should be followed, see page 476.



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



Ex: KEMA 01ATEX2129 U / IECEx KEM 06.0043U

Dimensions			
		[mm]	
Max. electrical data			
		I_{max} [A]	U_{max} [V]
		17.5	500
		IEC 60947-7-1	
Rated data			
Rated voltage		[V]	500
Nominal current / cross section		[A] / [mm ²]	17.5 / 1.5
Rated cross section		[mm ²]	1.5
Cross section range		AWG	28 - 16
Connection capacity			
1 conductor		[mm ²]	0.08 - 1.5
Two stranded conductors with a TWIN ferrule		[mm ²]	0.08 - 1.5
General data			
Stripping length		[mm]	10
Insulating material			PA
Inflammability class according to UL 94			V0

Technical data				
Width	Length	Height NS 35/7,5		
4.2	48.5	36.5		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG	
17.5	500	0.08 - 1.5	28 - 16	
		IEC 60947-7-1	Ex	
IEC	UL/CUL	CSA	IEC/EN 60079-7	
			Without / with plastic sleeve	
			0.14 - 1.5 0.14 - 1.5	
			0.5	

Description	No. of pos.	Color
Terminal block, for mounting on NS 35...		gray
		blue
		orange
		red
		black

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
ST 1,5		3031076	50
ST 1,5 BU		3031089	50
ST 1,5 OG		3037012	50
ST 1,5 RD		3037038	50
ST 1,5 BK		3037067	50

Cover, width 2.2 mm		gray
Cover, 0.8 mm width		orange
Insulation stop sleeve, cross section range:		
0.08 - 0.2 mm ²		white
0.25 - 0.5 mm ²		gray
0.75 - 1 mm ²		black
Plug-in bridge		
	2	red
	3	red
	4	red
	5	red
	10	red
	20	red

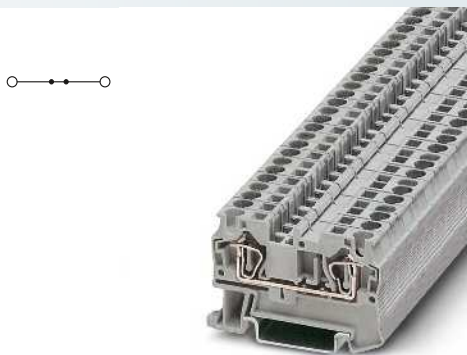
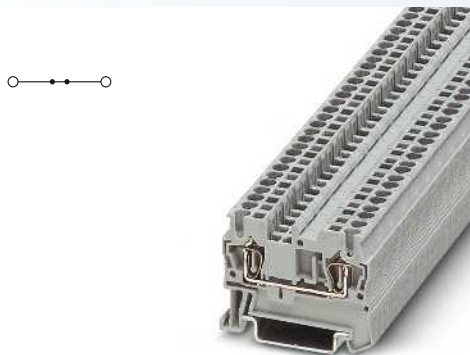
Accessories ¹⁾		
D-ST 2,5	3030417	50
D-ST 2,5-0,8 OG	3030511	50
ISH 1,5/0,2	3206131	50
ISH 1,5/0,5	3031034	50
FBS 2-4	17.5 A	3030116
FBS 3-4	17.5 A	3030129
FBS 4-4	17.5 A	3030132
FBS 5-4	17.5 A	3030145
FBS 10-4	17.5 A	3030158
FBS 20-4	17.5 A	3030352

Reducing bridge ²⁾		
	2	red
Partition plate, 2 mm width		gray
Test plug metal part, 2.3 mm Ø		
Insulating sleeve, for MPS metal part		red
Modular test plug, for the individual assembly of test plug strips		red
Warning cover, for ST series		yellow
Screwdriver		

ATP-ST 4	3030721	50
PS-4	3030970	10
WST 1,5	3030958	50
SZF 0-0,4X2,5	1204504	10

Center groove labeling	
Center and lateral groove labeling	

UC-TM 4, UCT-TM 4 or ZB 4 (see Catalog 5)
UC-TMF 4, UCT-TMF 4 or ZBF 4 (see Catalog 5)



2.5 (4) mm², 31 A, feed-through terminal block

4 (6) mm², 40 A, feed-through terminal block

6 (10) mm², 52 A, feed-through terminal block



Ex: KEMA 00ATEX2052U / IECEx KEM 06.0051U



Ex: KEMA 00ATEX2129U / IECEx KEM 06.0050U



Ex: KEMA 00ATEX2129U / IECEx KEM 06.0050U

Technical data			
Width	Length	Height NS 35/7,5	
5.2	48.5	36.5	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG
31	800	0.08 - 4	28 - 12
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
800	600	600	550
24 / 2.5	20 / -	20 / -	21 / 2.5 // 27 / 4
2.5	-	-	2.5
28 - 12	28-12	28-12	28 - 12
solid	stranded	Ferrule	
Without / with plastic sleeve			
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5
0.5			
10	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
6.2	56	36.5	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG
40	800	0.08 - 6	28 - 10
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
800	600	600	550
32 / 4	30 / -	30 / -	30 / 4 // 34.5 / 6
4	-	-	4
28 - 10	28-10	28-10	28 - 10
solid	stranded	Ferrule	
Without / with plastic sleeve			
0.08 - 6	0.08 - 4	0.14 - 4	0.14 - 4
0.5 - 1			
10	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
8.2	69.5	43.5	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG
52	1000	0.2 - 10	24 - 8
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
1000	600	600	550
41 / 6	50 / -	50 / -	36.5 / 6 // 45 / 10
6	-	-	6
24 - 8	24-8	24-8	24 - 8
solid	stranded	Ferrule	
Without / with plastic sleeve			
0.2 - 10	0.2 - 6	0.25 - 6	0.25 - 6
0.5 - 1.5			
12	PA	V0	

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
ST 2,5		3031212	50
ST 2,5 BU		3031225	50
ST 2,5 OG		3037070	50
ST 2,5 RD		3037096	50
ST 2,5 BK		3037122	50

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
ST 4		3031364	50
ST 4 BU		3031377	50
ST 4 OG		3037135	50
ST 4 RD		3037151	50
ST 4 BK		3037180	50

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
ST 6		3031487	50
ST 6 BU		3031490	50

Accessories ¹⁾			
D-ST 2,5		3030417	50
D-ST 2,5-0,8 OG		3030511	50
ISH 2,5/0,2		3002843	50
ISH 2,5/0,5		3002856	50
ISH 2,5/1,0		3002869	50
FBS 2-5	24 A	3030161	50
FBS 3-5	24 A	3030174	50
FBS 4-5	24 A	3030187	50
FBS 5-5	24 A	3030190	50
FBS 10-5	24 A	3030213	10
FBS 20-5	24 A	3030226	10
RB ST (2,5/4)-1,5		3038943	10
ATP-ST 4		3030721	50
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-5		3030983	10
WST 2,5		3030941	50
SZF 1-0,6X3,5		1204517	10

Accessories ¹⁾			
D-ST 4		3030420	50
ISH 4/0,5		3002885	50
ISH 4/1,0		3002898	50
FBS 2-6	32 A	3030336	50
FBS 3-6	32 A	3030242	50
FBS 4-6	32 A	3030255	50
FBS 5-6	32 A	3030349	50
FBS 10-6	32 A	3030271	10
FBS 20-6	32 A	3030365	10
RB ST (2,5/4)-1,5		3038943	10
ATP-ST 4		3030721	50
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-6		3030996	10
WST 4		3030954	50
SZF 1-0,6X3,5		1204517	10

Accessories ¹⁾			
D-ST 6		3030433	50
FBS 2-8	41 A	3030284	10
FBS 3-8	41 A	3030297	10
FBS 4-8	41 A	3030307	10
FBS 5-8	41 A	3030310	10
FBS 10-8	41 A	3030323	10
RB ST 6-(2,5/4)		3030860	10
ATP-ST 6		3024481	50
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-8		3031005	10
WST 6		3030967	10
SZF 2-0,8X4,0		1204520	10

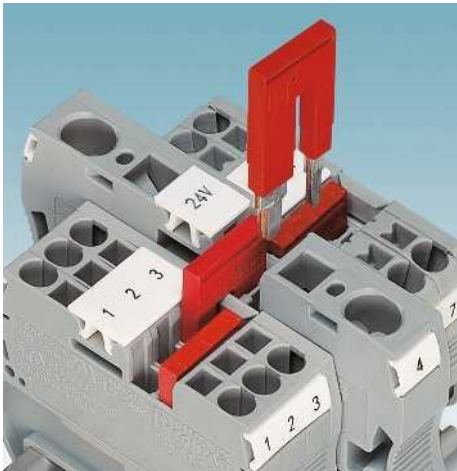
UC-TM 5, UCT-TM 5 or ZB 5
(see Catalog 5)
UC-TMF 5, UCT-TMF 5 or ZBF 5
(see Catalog 5)

UC-TM 6, UCT-TM 6 or ZB 6
(see Catalog 5)
UC-TMF 6, UCT-TMF 6 or ZBF 6
(see Catalog 5)

UC-TM 8, UCT-TM 8 or ZB 8
(see Catalog 5)
UC-TMF 8, UCT-TMF 8 or ZBF 8
(see Catalog 5)

ST spring-cage connection terminal blocks

ST ... feed-through terminal block



- The double bridge shaft not only allows individual chain bridging, but also step down bridging to spring-cage terminal blocks with smaller cross sections
- The flexible options for reducing bridging in the CLIPLINE complete system can be found in the "Accessories" section
- The PAI-ST 35/1000MM test plug with molded 2.5 mm² conductor functions both as a test connection and as a pick-off with a capacity of 24 A. The test connection makes contact in the function shaft of the ST 35 terminal blocks; see figure below.



Notes:
1) For installation notes on the use of accessories for Ex e applications, see page 710.
2) The reducing bridge table should be followed, see page 476.



10 (16) mm², 65 A, feed-through terminal block



Ex: Ex I, Ex II
KEMA 01ATEX2260 U / IECEx KEM 06.0033U

Dimensions		[mm]	
Max. electrical data			
Rated data			
Rated voltage	[V]	1000	600
Nominal current / cross section	[A] / [mm ²]	57 / 10	65 / -
Rated cross section	[mm ²]	10	-
Cross section range	AWG	24 - 6	16-6
Connection capacity			
1 conductor	[mm ²]	0.2 - 16	0.2 - 10
Two stranded conductors with a TWIN ferrule	[mm ²]		
General data			
Stripping length	[mm]	18	
Insulating material		PA	
Inflammability class according to UL 94		V0	

Technical data			
Width	Length	Height NS 35/7,5	
10.2	71.5	50.3	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG
65	1000	0.2 - 16	24 - 6
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
Rated voltage	[V]	600	550
Nominal current / cross section	[A] / [mm ²]	65 / -	50 / 10 // 63 / 16
Rated cross section	[mm ²]	-	10
Cross section range	AWG	16-6	24 - 6
Connection capacity			
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.2 - 16	0.2 - 10	0.25 - 10	0.25 - 10
			1.5 - 2.5
18			
PA			
V0			

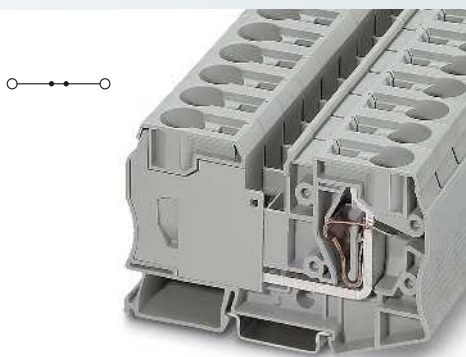
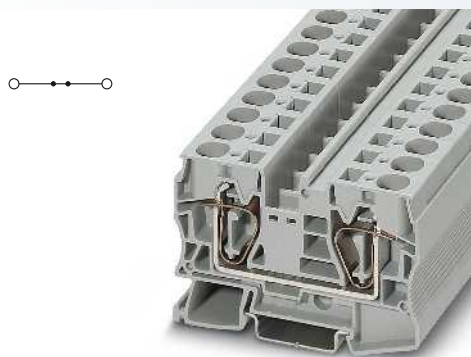
Description	No. of pos.	Color
Terminal block, for mounting on NS 35...		gray blue
Cover, width 2.2 mm		gray
Plug-in bridge	2	red
Reducing bridge ²⁾	2	red
Reducing bridge ²⁾	2	red
Test plug metal part, 2.3 mm Ø	2	red
Insulating sleeve, for MPS metal part		red
Test plug, with molded 2.5 mm ² conductor, length: 1 m		red
Warning cover, for actuation shafts, 5-pos.		yellow
Screwdriver		

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
ST 10		3036110	50
ST 10 BU		3036123	50

Accessories ¹⁾			
D-ST 10		3036644	50
FBS 2-10	57 A	3005947	10
RB ST 10-(2,5/4)		3030873	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
WST 10/35		3030006	25
SZF 3-1,0X5,5		1206612	10

Center groove labeling
Center and lateral groove labeling

UC-TM 10, UCT-TM 10 or ZB 10 (see Catalog 5)
UC-TMF 10, UCT-TMF 10 or ZBF 10 (see Catalog 5)



16 (25) mm², 90 A, feed-through terminal block

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

Ex: KEMA 01ATEX2260 U / IECEx KEM 06.0033U

Ex: KEMA 01ATEX2260 U / IECEx KEM 06.0033U

Technical data			
Width	Length	Height NS 35/7,5	
12.2	80	51.5	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
90	1000	0.2 - 25	24 - 4
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
1000	600	600	550
76 / 16	85 / -	85 / -	65 / 16 // 82 / 25
16	-	-	16
24 - 4	16-4	16-4	24 - 4
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.2 - 25	0.2 - 16	0.25 - 16	0.25 - 16 1.5 - 4
18			
PA			
V0			

Technical data			
Width	Length	Height NS 35/7,5	
16	100	59	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
125	1000	2.5 - 35	14 - 2
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
1000	600	600	690
125 / 35	115 / -	115 / -	108 / 35 // 108 / 35
35	-	-	35
14 - 2	14-2	14-2	14 - 2
solid	stranded	Ferrule	
		Without / with plastic sleeve	
2.5 - 35	2.5 - 35	2.5 - 35	2.5 - 35 2.5 - 10
25			
PA			
V0			

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
ST 16		3036149	50
ST 16 BU		3036152	50

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
ST 35		3036178	10
ST 35 BU		3036181	10

Accessories ¹⁾			
D-ST 16		3036657	50
FBS 2-12	76 A	3005950	10
RB ST 16-(2,5/4)		3030886	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
WST 10/35		3030006	25
SZF 3-1,0X5,5		1206612	10

Accessories ¹⁾			
FBS 2-16	101 A	3005963	10
RB ST 35-(2,5/4)		3030899	10
RB 35-16		3032169	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PAI-ST 35/1000MM		3029994	20
WST 10/35		3030006	25
SZF 3-1,0X5,5		1206612	10

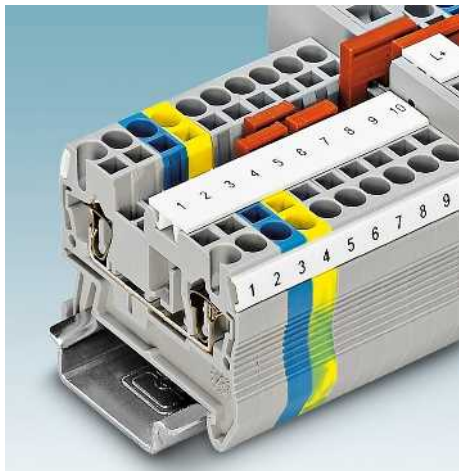
UC-TM 12, UCT-TM 12 or ZB 12
(see Catalog 5)
UC-TMF 12, UCT-TMF 12 or ZBF 12
(see Catalog 5)

UC-TM 16, UCT-TM 16 or ZB 16,3
(see Catalog 5)
UC-TMF 16, UCT-TMF 16 or ZBF 16
(see Catalog 5)

Modular terminal blocks - CLIPLINE complete

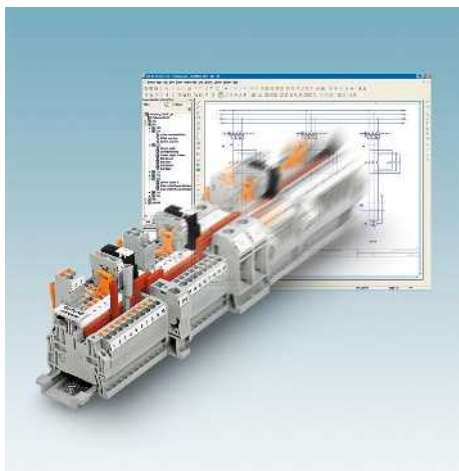
ST spring-cage connection terminal blocks

ST ...-PE ground terminal blocks



- Same shape and pitch as the feed-through terminal blocks
- Contact is made free from mechanical and electrical errors by simply snapping onto the DIN rail
- meet all the requirements of standard IEC 60947-7-2 ST ...-PE
These are in particular:
 - Low contact resistance
 - Corrosion-proof terminal points
 - Green-yellow housing
 - Additional options for marking

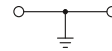
CLIP PROJECT Planning enables the quick and convenient planning and configuration of fault-free terminal strips.



Notes:

For current carrying capacity of DIN rails, see page 716.

1) For installation notes on the use of accessories for Ex e applications, see page 710.



1.5 (1.5) mm², ground terminal block

Ex: KEMA 01ATEX2129 U / IECEx KEM 06.0043U

Technical data

Dimensions		Width		Length		Height NS 35/7,5	
		4.2		48.5		36.5	
Max. electrical data				max. Ø [mm ²]		AWG	
				0.08 - 1.5		28 - 16	
Rated data		IEC 60947-7-2		UL/CUL		CSA	
Rated voltage [V]		-		-		-	
Nominal current / cross section [A] / [mm ²]		-		-/-		-	
Rated cross section [mm ²]		1.5		-		1.5	
Cross section range AWG		28 - 16		26-14		26-14	
Connection capacity		solid		stranded		Ferrule	
1 conductor [mm ²]		0.08 - 1.5		0.08 - 1.5		Without / with plastic sleeve	
Two stranded conductors with a TWIN ferrule [mm ²]						0.14 - 1.5 0.14 - 1.5	
						0.5	
General data		10		PA		V0	
Stripping length [mm]							
Insulating material							
Inflammability class according to UL 94							

Ordering data

Description	No. of pos.	Color	Type	Order No.	Pcs. / Pkt.
Ground terminal block, for mounting on NS 35...		green-yellow	ST 1,5-PE	3031513	50

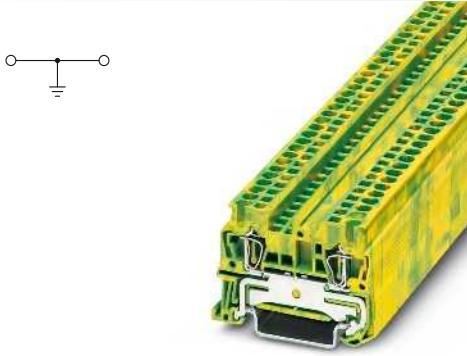
Accessories¹⁾

Cover, width 2.2 mm	gray	D-ST 2,5	3030417	50
Cover, 0.8 mm width	orange	D-ST 2,5-0,8 OG	3030511	50
Insulation stop sleeve, cross section range:				
0.08 - 0.2 mm ²	white	ISH 1,5/0,2	3206131	50
0.25 - 0.5 mm ²	gray	ISH 1,5/0,5	3031034	50
0.75 - 1 mm ²	black			
Plug-in bridge				
	2	red		
	3	red		
	4	red		
	5	red		
	10	red		
Partition plate, 2 mm width	gray	ATP-ST 4	3030721	50
Test plug metal part, 2,3 mm Ø				
Insulating sleeve, for MPS metal part	red			
Warning cover, for ST series	yellow			
Screwdriver				
		WST 1,5	3030958	50
		SZF 0-0,4X2,5	1204504	10

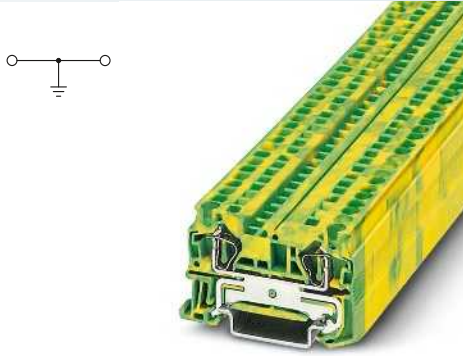
Center groove labeling

Center and lateral groove labeling

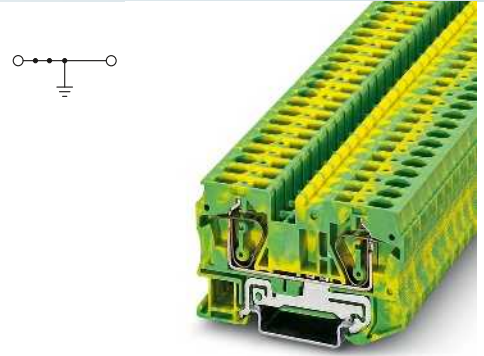
UC-TM 4, UCT-TM 4 or ZB 4
 (see Catalog 5)
 UC-TMF 4, UCT-TMF 4 or ZBF 4
 (see Catalog 5)



2.5 (4) mm², ground terminal block



4 (6) mm², ground terminal block



6 (10) mm², ground terminal block



Ex:
 KEMA 00ATEX2052U / IECEx KEM 06.0051U



Ex:
 KEMA 00ATEX2129U / IECEx KEM 06.0050U



Ex:
 KEMA 00ATEX2129U / IECEx KEM 06.0050U

Technical data			
Width	Length	Height NS 35/7,5	
5.2	48.5	36.5	
		max. Ø [mm ²]	AWG
		0.08 - 4	28 - 12
IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/ EN 60079-7
-	-	-	-
-	-/-	-	-
2.5	-	-	2.5
28 - 12	28-12	28-12	28 - 12
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5
			0.5
10	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
6.2	56	36.5	
		max. Ø [mm ²]	AWG
		0.08 - 6	28 - 10
IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/ EN 60079-7
-	-	-	-
-	-/-	-	-
4	-	-	4
28 - 10	28-10	28-10	28 - 10
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.08 - 6	0.08 - 4	0.14 - 4	0.14 - 4
			0.5 - 1
10	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
8.2	69.5	43.5	
		max. Ø [mm ²]	AWG
		0.2 - 10	24 - 8
IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/ EN 60079-7
-	-	-	-
-	-/-	-	-
6	-	-	6
24 - 8	24-8	24-8	24 - 8
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.2 - 10	0.2 - 6	0.25 - 6	0.25 - 6
			0.5 - 1.5
12	PA	V0	

Ordering data		
Type	Order No.	Pcs. / Pkt.
ST 2,5-PE	3031238	50

Ordering data		
Type	Order No.	Pcs. / Pkt.
ST 4-PE	3031380	50

Ordering data		
Type	Order No.	Pcs. / Pkt.
ST 6-PE	3031500	50

Accessories ¹⁾		
D-ST 2,5	3030417	50
D-ST 2,5-0,8 OG	3030511	50
ISH 2,5/0,2	3002843	50
ISH 2,5/0,5	3002856	50
ISH 2,5/1,0	3002869	50
ATP-ST 4	3030721	50
WST 2,5	3030941	50
SZF 1-0,6X3,5	1204517	10

Accessories ¹⁾		
D-ST 4	3030420	50
ISH 4/0,5	3002885	50
ISH 4/1,0	3002898	50
ATP-ST 4	3030721	50
WST 4	3030954	50
SZF 1-0,6X3,5	1204517	10

Accessories ¹⁾		
D-ST 6	3030433	50
FBS 2-8	3030284	10
FBS 3-8	3030297	10
FBS 4-8	3030307	10
FBS 5-8	3030310	10
FBS 10-8	3030323	10
ATP-ST 6	3024481	50
MPS-MT	0201744	10
MPS-IH RD	0201676	10
WST 6	3030967	10
SZF 2-0,8X4,0	1204520	10

UC-TM 5, UCT-TM 5 or ZB 5
(see Catalog 5)
UC-TMF 5, UCT-TMF 5 or ZBF 5
(see Catalog 5)

UC-TM 6, UCT-TM 6 or ZB 6
(see Catalog 5)
UC-TMF 6, UCT-TMF 6 or ZBF 6
(see Catalog 5)

UC-TM 8, UCT-TM 8 or ZB 8
(see Catalog 5)
UC-TMF 8, UCT-TMF 8 or ZBF 8
(see Catalog 5)

Modular terminal blocks - CLIPLINE complete

ST spring-cage connection terminal blocks

ST ...PE ground terminal blocks



PEN function in accordance with IEC 60947-7-2 from 10 mm² rated cross section

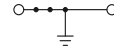
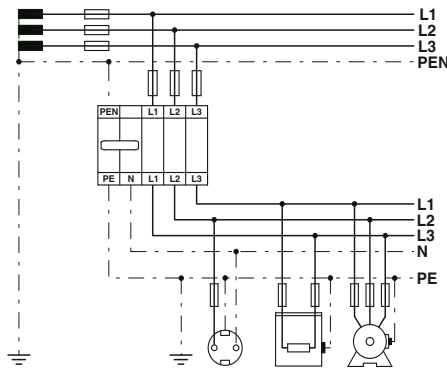
When electrical machine controls installed in a 5-conductor system are connected to the power supply at the site of installation, it is impossible to know in advance whether the connection will involve 4 or 5 conductors.

Larger cross sections normally have a 4-conductor supply, which must then be converted to a 5-conductor system on the terminal strip. The point at which the PEN conductor is split up into the neutral conductor and protective conductor is of particular importance here. In the case of ST spring-cage terminal blocks, this separation can be implemented very easily and according to the standard using a block that consists of a green-yellow ground terminal block with a metal foot and a blue modular terminal block that is isolated toward the DIN rail. Both terminal blocks are interconnected with a powerful plug-in bridge via which the current of the neutral conductor from the system is led to the PEN conductor. A copper DIN rail is not required, since the rail only has a PE function when the power block is used and can therefore be made of steel. Please observe the maximum permissible short-circuit current of the DIN rail for the PE function.

Notes:

For current carrying capacity of DIN rails, see page 716.

¹⁾ For installation notes on the use of accessories for Ex e applications, see page 710.



10 (16) mm², 65 A, ground terminal block

UL US PC VDE CE GBL KR TÜV Rheinland ClassNK CB

Ex: Ex IECEx KEMA 01ATEX2260 U / IECEx KEM 06.0033U

Technical data

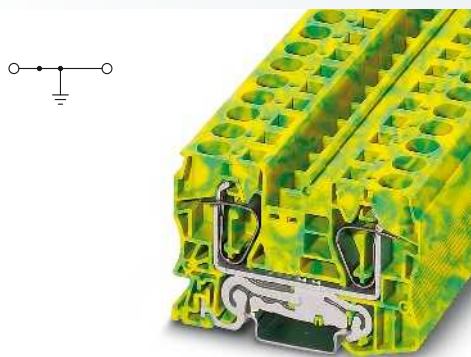
Width	Length	Height NS 35/7,5	
10.2	71.5	50.3	
I_{max} [A]		max. Ø [mm ²]	AWG
65		0.2 - 16	24 - 6
IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/EN 60079-7
Rated voltage [V]		-	
Nominal current / cross section [A] / [mm ²]		57 / 10	
Rated cross section [mm ²]		10	
Cross section range AWG		24 - 6	
Connection capacity			
1 conductor	[mm ²]	-	
Two stranded conductors with a TWIN ferrule	[mm ²]	-	
General data			
Stripping length [mm]			
Insulating material			
Inflammability class according to UL 94			
Type		I_{max}	Order No.
ST 10-PE		65 A	3036136
			Pcs. / Pkt.
			50
Accessories¹⁾			
D-ST 10		3036644	50
FBS 2-10		3005947	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
WST 10/35		3030006	25
SZF 3-1,0X5,5		1206612	10
UC-TM 10, UCT-TM 10 or ZB 10 (see Catalog 5)			
UC-TMF 10, UCT-TMF 10 or ZBF 10 (see Catalog 5)			

Dimensions		[mm]
Max. 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]
Two stranded conductors with a TWIN ferrule		[mm ²]
General data		
Stripping length		[mm]
Insulating material		
Inflammability class according to UL 94		

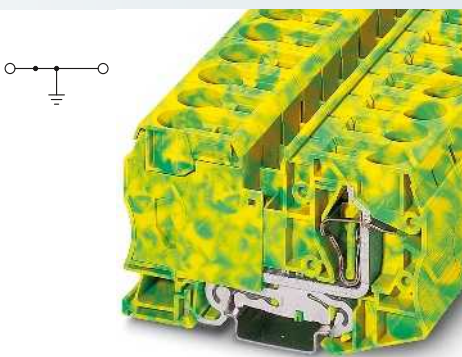
Description	No. of pos.	Color
Ground terminal block, for mounting on NS 35...		green-yellow

Cover, width 2.2 mm		gray
Plug-in bridge		
Test plug metal part, 2.3 mm Ø	2	red
Insulating sleeve, for MPS metal part		red
Warning cover, for actuation shafts, 5-pos.		yellow

Screwdriver		
Center groove labeling		
Center and lateral groove labeling		



16 (25) mm², 90 A, ground terminal block



35 (35) mm², 125 A, ground terminal block

Ex: KEMA 01ATEX2260 U / IECEx KEM 06.0033U

Ex: KEMA 01ATEX2260 U / IECEx KEM 06.0033U

Technical data			
Width	Length	Height NS 35/7,5	
12.2	80	51.5	
I_{max} [A]		max. Ø [mm ²]	AWG
90		0.2 - 25	24 - 4
IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/EN 60079-7
-	-	-	-
76 / 16	- / -	-	-
16	-	-	16
24 - 4	16-4	16-4	24 - 4
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.2 - 25	0.2 - 16	0.25 - 16	0.25 - 16 1.5 - 4
18			
PA			
V0			

Technical data			
Width	Length	Height NS 35/7,5	
16	100	59	
I_{max} [A]		max. Ø [mm ²]	AWG
125		2.5 - 35	14 - 2
IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/EN 60079-7
-	-	-	-
125 / 35	- / -	-	-
35	-	-	35
14 - 2	14-2	14-2	14 - 2
solid	stranded	Ferrule	
		Without / with plastic sleeve	
2.5 - 35	2.5 - 35	2.5 - 35	2.5 - 35 2.5 - 10
25			
PA			
V0			

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
ST 16-PE		3036165	25

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
ST 35-PE		3036194	10

Accessories ¹⁾			
D-ST 16		3036657	50
FBS 2-12	76 A	3005950	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
WST 10/35		3030006	25
SZF 3-1,0X5,5		1206612	10

Accessories ¹⁾			
FBS 2-16	101 A	3005963	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
WST 10/35		3030006	25
SZF 3-1,0X5,5		1206612	10

UC-TM 12, UCT-TM 12 or ZB 12
(see Catalog 5)
UC-TMF 12, UCT-TMF 12 or ZBF 12
(see Catalog 5)

UC-TM 16, UCT-TM 16 or ZB 16,3
(see Catalog 5)
UC-TMF 16, UCT-TMF 16 or ZBF 16
(see Catalog 5)

ST spring-cage connection terminal blocks

ST ...-TWIN feed-through terminal blocks with 3 connections



ST ...-TWIN terminal blocks with single-sided double connection enable:

- Space-saving and practical multi-conductor connection without additional bridge
- All potential distribution tasks can be undertaken with ease
- The continuous dual function shaft offers every opportunity for time-saving potential distribution and storing test accessories

End cover segments

- If two-conductor terminal blocks are aligned on three or four-conductor terminal blocks, cover segments cover protruding parts
- Fingers are protected from contact



Notes:
1) The total current of all connected conductors must not exceed the max. load current.
2) For installation notes on the use of accessories for Ex e applications, see page 710.
3) The reducing bridge table should be followed, see page 476.



1.5 (1.5) mm², 17.5 A, feed-through terminal block, 3 connections



KEMA 01ATEX2129 U / IECEx KEM 06.0043U

Dimensions		[mm]	
Max. electrical data			
Rated data			
Rated voltage	[V]	500	300
Nominal current / cross section	[A] / [mm ²]	17.5 ¹⁾ / 1.5	15 / -
Rated cross section	[mm ²]	1.5	-
Cross section range	AWG	28 - 16	26-14
Connection capacity			
1 conductor	[mm ²]	0.08 - 1.5	0.08 - 1.5
Two stranded conductors with a TWIN ferrule	[mm ²]		0.14 - 1.5
General data			
Stripping length	[mm]	10	
Insulating material		PA	
Inflammability class according to UL 94		V0	

Technical data				
Width	Length	Height NS 35/7,5		
4.2	60.5	36.5		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG	
17.5 ¹⁾	500	0.08 - 1.5	28 - 16	
IEC 60947-7-1				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
Rated voltage	300	300	440	
Nominal current / cross section	15 / -	15 / -	17.5 / 1.5 // 17.5 / 1.5	
Rated cross section	-	-	1.5	
Cross section range	26-14	26-14	28 - 16	
Connection capacity		Ferrule		
		Without / with plastic sleeve		
0.08 - 1.5	0.08 - 1.5	0.14 - 1.5	0.14 - 1.5	
0.5				
10				
PA				
V0				

Description	No. of pos.	Color
Terminal block , for mounting on NS 35...		gray
		blue
		orange
		red
		black

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
ST 1,5-TWIN		3031128	50
ST 1,5-TWIN BU		3031131	50
ST 1,5-TWIN OG		3037258	50
ST 1,5-TWIN RD		3037274	50
ST 1,5-TWIN BK		3037300	50

Cover , width 2.2 mm	gray	
Cover , 0.8 mm width	orange	
End cover segment , for covering multi-conductor terminal blocks when two-conductor terminal blocks are aligned	gray	
Insulation stop sleeve , cross section range:		
0.08 - 0.2 mm ²	white	
0.25 - 0.5 mm ²	gray	
0.75 - 1 mm ²	black	
Plug-in bridge		
	2	red
	3	red
	4	red
	5	red
	10	red
	20	red

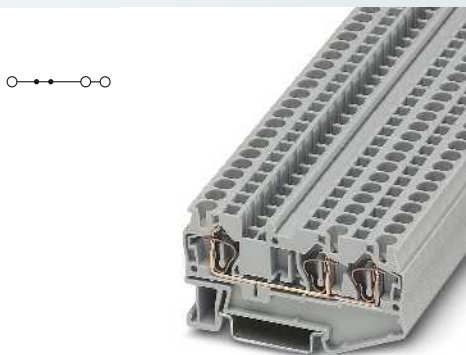
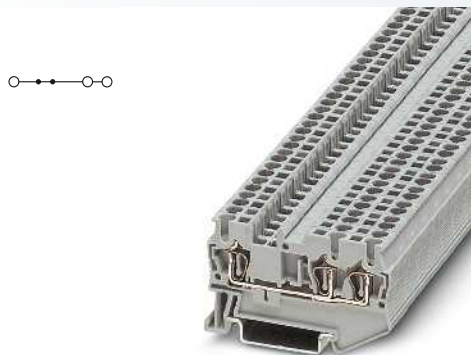
Accessories ²⁾		
D-ST 2,5-TWIN	3030488	50
D-ST 2,5-TWIN-0,8 OG	3030512	50
DS-ST 2,5	3036602	10
ISH 1,5/0,2	3206131	50
ISH 1,5/0,5	3031034	50
FBS 2-4	17.5 A	3030116
FBS 3-4	17.5 A	3030129
FBS 4-4	17.5 A	3030132
FBS 5-4	17.5 A	3030145
FBS 10-4	17.5 A	3030158
FBS 20-4	17.5 A	3030352

Reducing bridge³⁾	2	red
Partition plate , 2 mm width	2	gray
Test plug metal part , 2.3 mm Ø		
Insulating sleeve , for MPS metal part		red
Modular test plug , for the individual assembly of test plug strips		red
Warning cover , for ST series		yellow
Screwdriver		

ATP-ST-TWIN	3030789	50
PS-4	3030970	10
WST 1,5	3030958	50
SZF 0-0,4X2,5	1204504	10

Center groove labeling	UC-TM 4, UCT-TM 4 or ZB 4 (see Catalog 5)
Center and lateral groove labeling	UC-TMF 4, UCT-TMF 4 or ZBF 4 (see Catalog 5)

UC-TM 4, UCT-TM 4 or ZB 4 (see Catalog 5)
UC-TMF 4, UCT-TMF 4 or ZBF 4 (see Catalog 5)



2.5 (4) mm², 28 A, feed-through terminal block, 3 connections

4 (6) mm², 40 A, feed-through terminal block, 3 connections

6 (10) mm², 52 A, feed-through terminal block, 3 connections

Ex:
 KEMA 00ATEX2052U / IECEx KEM 06.0051U

Technical data			
Width	Length	Height NS 35/7,5	
5.2	60.5	36.5	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG
28 ¹⁾	800	0.08 - 4	28 - 12
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/ EN 60079-7
800	600	600	550
24 ¹⁾ / 2.5	20 / -	20 / -	21.5 / 2.5 // 25 / 4
2.5	-	-	2.5
28 - 12	28-12	28-12	28 - 12
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5
0.5			

10
PA
V0

Ex:
 KEMA 00ATEX2129U / IECEx KEM 06.0050U

Technical data			
Width	Length	Height NS 35/7,5	
6.2	71.5	36.5	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG
40 ¹⁾	800	0.08 - 6	28 - 10
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/ EN 60079-7
800	600	600	550
32 ¹⁾ / 4	30 / -	30 / -	30 / 4 // 34.5 / 6
4	-	-	4
28 - 10	28-10	28-10	28 - 10
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.08 - 6	0.08 - 4	0.14 - 4	0.14 - 4
0.5 - 1			

10
PA
V0

Ex:
 KEMA 00ATEX2129U / IECEx KEM 06.0050U

Technical data			
Width	Length	Height NS 35/7,5	
8.2	90.5	43.5	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG
52 ¹⁾	1000	0.2 - 10	24 - 8
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/ EN 60079-7
1000	600	600	550
41 ¹⁾ / 6	50 / -	50 / -	36 / 6 // 46 / 10
6	-	-	6
24 - 8	24-8	24-8	24 - 8
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.2 - 10	0.2 - 6	0.25 - 6	0.25 - 6
0.5 - 1.5			

12
PA
V0

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
ST 2,5-TWIN		3031241	50
ST 2,5-TWIN BU		3031254	50
ST 2,5-TWIN OG		3031982	50
ST 2,5-TWIN RD		3031995	50
ST 2,5-TWIN BK		3037342	50

Accessories ²⁾			
D-ST 2,5-TWIN		3030488	50
D-ST 2,5-TWIN-0,8 OG		3030512	50
DS-ST 2,5		3036602	10
ISH 2,5/0,2		3002843	50
ISH 2,5/0,5		3002856	50
ISH 2,5/1,0		3002869	50
FBS 2-5	24 A	3030161	50
FBS 3-5	24 A	3030174	50
FBS 4-5	24 A	3030187	50
FBS 5-5	24 A	3030190	50
FBS 10-5	24 A	3030213	10
FBS 20-5	24 A	3030226	10
RB ST (2,5/4)-1,5	31 A	3038943	10
ATP-ST-TWIN		3030789	50
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-5		3030983	10
WST 2,5		3030941	50
SZF 1-0,6X3,5		1204517	10

UC-TM 5, UCT-TM 5 or ZB 5
 (see Catalog 5)
 UC-TMF 5, UCT-TMF 5 or ZBF 5
 (see Catalog 5)

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
ST 4-TWIN		3031393	50
ST 4-TWIN BU		3031403	50
ST 4-TWIN OG		3037355	50
ST 4-TWIN RD		3037371	50
ST 4-TWIN BK		3037407	50

Accessories ²⁾			
D-ST 4-TWIN		3030491	50
DS-ST 4		3036615	10
ISH 4/0,5		3002885	50
ISH 4/1,0		3002898	50
FBS 2-6	32 A	3030336	50
FBS 3-6	32 A	3030242	50
FBS 4-6	32 A	3030255	50
FBS 5-6	32 A	3030349	50
FBS 10-6	32 A	3030271	10
FBS 20-6	32 A	3030365	10
RB ST (2,5/4)-1,5	31 A	3038943	10
ATP-ST-TWIN		3030789	50
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-6		3030996	10
WST 4		3030954	50
SZF 1-0,6X3,5		1204517	10

UC-TM 6, UCT-TM 6 or ZB 6
 (see Catalog 5)
 UC-TMF 6, UCT-TMF 6 or ZBF 6
 (see Catalog 5)

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
ST 6-TWIN		3036466	50
ST 6-TWIN BU		3036479	50

Accessories ²⁾			
D-ST 6-TWIN		3036767	50
FBS 2-8	41 A	3030284	10
FBS 3-8	41 A	3030297	10
FBS 4-8	41 A	3030307	10
FBS 5-8	41 A	3030310	10
FBS 10-8	41 A	3030323	10
RB ST 6-(2,5/4)		3030860	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-8		3031005	10
WST 6		3030967	10
SZF 2-0,8X4,0		1204520	10

UC-TM 8, UCT-TM 8 or ZB 8
 (see Catalog 5)
 UC-TMF 8, UCT-TMF 8 or ZBF 8
 (see Catalog 5)

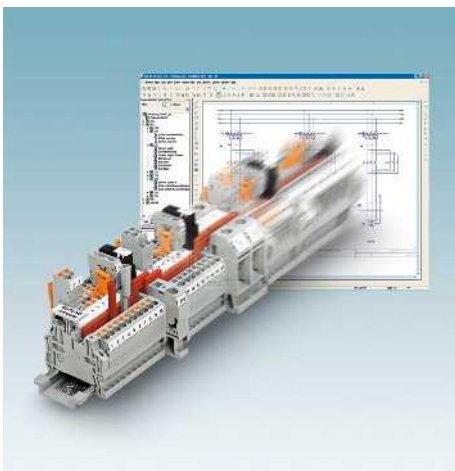
ST spring-cage connection terminal blocks

ST ...-TWIN feed-through terminal blocks with 3 connections



- ST ...-TWIN three-conductor spring-cage terminal blocks offer a space-saving alternative to standard feed-through terminal blocks where potential distribution with conductor cross sections of 10 and 16 mm² is required
- Ideal as potential distributors in loop wiring systems
- Terminal blocks with a nominal cross section of 2.5 or 4 mm² can be combined without additional wiring effort using the RB ST ... (2,5/4) reducing bridge
- The flexible options for reducing bridging in the CLIPLINE complete system can be found in the "Accessories" section

CLIP PROJECT Planning enables the quick and convenient planning and configuration of fault-free terminal strips.



Notes:
1) The total current of all connected conductors must not exceed the max. load current.
2) The reducing bridge table should be followed, see page 476.



10 (16) mm², 70 A, feed-through terminal block, 3 connections



Dimensions		[mm]
Max. electrical data		
Rated data		
Rated voltage	[V]	1000
Nominal current / cross section	[A] / [mm ²]	57 ¹⁾ / 10
Rated cross section	[mm ²]	10
Cross section range	AWG	24 - 6
Connection capacity		
1 conductor	[mm ²]	0.2 - 16
Two stranded conductors with a TWIN ferrule	[mm ²]	0.2 - 10
General data		
Stripping length	[mm]	15
Insulating material		PA
Inflammability class according to UL 94		V0

Technical data				
Width	Length	Height NS 35/7,5		
10.2	97	50.3		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG	
70 ¹⁾	1000	0.2 - 16	24 - 6	
IEC 60947-7-1				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
Connection capacity				
		Ferrule		
		Without / with plastic sleeve		
0.2 - 16	0.2 - 10	0.25 - 10	0.25 - 10	
		1.5 - 2.5		

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

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
ST 10-TWIN		3035288	25
ST 10-TWIN BU		3035292	25

Cover, width 2.2 mm		gray
Plug-in bridge		
Reducing bridge ²⁾	2	red
Test plug metal part, 2.3 mm Ø	2	red
Insulating sleeve, for MPS metal part		red
Warning cover, for actuation shafts, 5-pos.		yellow
Screwdriver		

Accessories		
D-ST 10-TWIN	Order No.	Pcs.
FBS 2-10	3005947	10
RB ST 10-(2,5/4)	3030873	10
MPS-MT	0201744	10
MPS-IH RD	0201676	10
WST 10/35	3030006	25
SZF 3-1,0X5,5	1206612	10

Center groove labeling	UC-TM 10, UCT-TM 10 or ZB 10 (see Catalog 5)
Center and lateral groove labeling	UC-TMF 10, UCT-TMF 10 or ZBF 10 (see Catalog 5)

UC-TM 10, UCT-TM 10 or ZB 10 (see Catalog 5)
UC-TMF 10, UCT-TMF 10 or ZBF 10 (see Catalog 5)



16 (25) mm², 90 A, feed-through terminal block, 3 connections



Technical data

Width	Length	Height NS 35/7,5	
12.2	107.8	51.5	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
90*)	1000	0.2 - 25	24 - 4
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/ EN 60079-7
1000	600	-	-
76*) / 16	75 / -	-	-
16	-	-	-
24 - 4	16-4	-	-
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.2 - 25	0.2 - 16	0.25 - 16	0.25 - 16 1.5 - 4

16
PA
V0

Ordering data

Type	I_{max}	Order No.	Pcs. / Pkt.
ST 16-TWIN		3035328	25
ST 16-TWIN BU		3035331	25

Accessories

D-ST 16-TWIN		3035357	50
FBS 2-12	76 A	3005950	10
RB ST 16-(2,5/4)		3030886	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
WST 10/35		3030006	25
SZF 3-1,0X5,5		1206612	10

UC-TM 12, UCT-TM 12 or ZB 12
(see Catalog 5)
UC-TMF 12, UCT-TMF 12 or ZBF 12
(see Catalog 5)

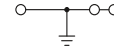
ST spring-cage connection terminal blocks

ST ...-TWIN-PE ground terminal blocks with 3 connections



- Same shape and pitch as the feed-through terminal blocks
- Contact is made free from mechanical and electrical errors by simply snapping onto the DIN rail
- ST ...-TWIN-PE fulfill all requirements of the IEC 60947-7-2 standard
These are in particular:
 - Low contact resistance
 - Corrosion-proof terminal points
 - Green-yellow housing
 - Additional options for marking

Notes:
For current carrying capacity of DIN rails, see page 716.
1) For installation notes on the use of accessories for Ex e applications, see page 710.



1.5 (1.5) mm², ground terminal block, 3 connections

Ex: KEMA 01ATEX2129 U / IECEx KEM 06.0043U

Dimensions		[mm]	
Max. electrical data			
Rated data			
Rated voltage	[V]	-	-
Nominal current / cross section	[A] / [mm ²]	-	-
Rated cross section	[mm ²]	1.5	1.5
Cross section range	AWG	28 - 16	28 - 16
Connection capacity			
1 conductor	[mm ²]	0.08 - 1.5	0.08 - 1.5
Two stranded conductors with a TWIN ferrule	[mm ²]	0.08 - 1.5	0.14 - 1.5
General data			
Stripping length	[mm]	10	10
Insulating material		PA	PA
Inflammability class according to UL 94		V0	V0

Technical data			
Width	Length	Height NS 35/7,5	
4.2	60.5	36.5	
		max. Ø [mm ²]	AWG
		0.08 - 1.5	28 - 16
IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/EN 60079-7
-	-	-	Ex
Ferrule			
		Without / with plastic sleeve	
		0.14 - 1.5	0.14 - 1.5
		0.5	

Description	No. of pos.	Color
Ground terminal block, for mounting on NS 35...		green-yellow

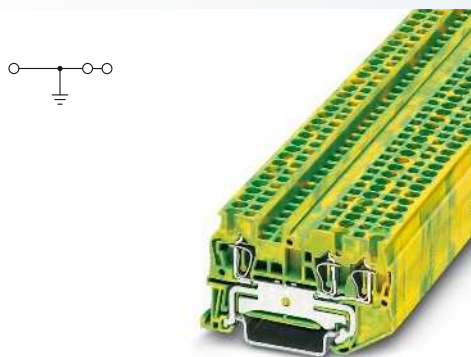
Ordering data		
Type	Order No.	Pcs. / Pkt.
ST 1,5-TWIN-PE	3031144	50

Cover, width 2.2 mm		gray
Cover, 0.8 mm width		orange
End cover segment, for covering multi-conductor terminal blocks when two-conductor terminal blocks are aligned		gray
Insulation stop sleeve, cross section range:		
0.08 - 0.2 mm ²		white
0.25 - 0.5 mm ²		gray
0.75 - 1 mm ²		black
Plug-in bridge		
	2	red
	3	red
	4	red
	5	red
	10	red
Test plug metal part, 2.3 mm Ø		
Insulating sleeve, for MPS metal part		red
Modular test plug, for the individual assembly of test plug strips		red
Warning cover, for ST series		yellow
Screwdriver		

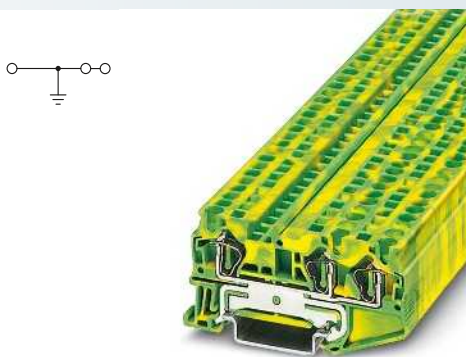
Accessories ¹⁾		
D-ST 2,5-TWIN	3030488	50
D-ST 2,5-TWIN-0,8 OG	3030512	50
DS-ST 2,5	3036602	10
ISH 1,5/0,2	3206131	50
ISH 1,5/0,5	3031034	50
WST 1,5	3030958	50
SZF 0-0,4X2,5	1204504	10

Center groove labeling
Center and lateral groove labeling

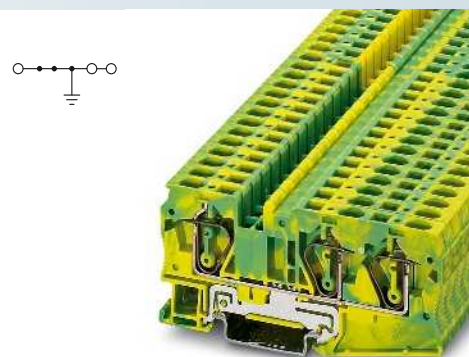
UC-TM 4, UCT-TM 4 or ZB 4 (see Catalog 5)
UC-TMF 4, UCT-TMF 4 or ZBF 4 (see Catalog 5)



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



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



6 (10) mm², ground terminal block,
3 connections



Ex:
KEMA 00ATEX2052U / IECEx KEM 06.0051U



Ex:
KEMA 00ATEX2129U / IECEx KEM 06.0050U



Ex:
KEMA 00ATEX2129U / IECEx KEM 06.0050U

Technical data			
Width	Length	Height NS 35/7,5	
5.2	60.5	36.5	
		max. Ø [mm ²]	AWG
		0.08 - 4	28 - 12
IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/ EN 60079-7
-	-	-	-
-	-/-	-	-
2.5	-	-	2.5
28 - 12	28-12	28-12	28 - 12
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5 0.5
10			
PA			
V0			

Technical data			
Width	Length	Height NS 35/7,5	
6.2	71.5	36.5	
		max. Ø [mm ²]	AWG
		0.08 - 6	28 - 10
IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/ EN 60079-7
-	-	-	-
-	-/-	-	-
4	-	-	4
28 - 10	28-10	28-10	28 - 10
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.08 - 6	0.08 - 4	0.14 - 4	0.14 - 4 0.5 - 1
10			
PA			
V0			

Technical data			
Width	Length	Height NS 35/7,5	
8.2	90.5	43.5	
		max. Ø [mm ²]	AWG
		0.2 - 10	24 - 8
IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/ EN 60079-7
-	-	-	-
-	-/-	-	-
6	-	-	6
24 - 8	24-8	24-8	24 - 8
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.2 - 10	0.2 - 6	0.25 - 6	0.25 - 6 0.5 - 1.5
12			
PA			
V0			

Ordering data		
Type	Order No.	Pcs. / Pkt.
ST 2,5-TWIN-PE	3031267	50

Ordering data		
Type	Order No.	Pcs. / Pkt.
ST 4-TWIN-PE	3031416	50

Ordering data		
Type	Order No.	Pcs. / Pkt.
ST 6-TWIN-PE	3036482	50

Accessories ¹⁾		
D-ST 2,5-TWIN	3030488	50
D-ST 2,5-TWIN-0,8 OG	3030512	50
DS-ST 2,5	3036602	10
ISH 2,5/0,2	3002843	50
ISH 2,5/0,5	3002856	50
ISH 2,5/1,0	3002869	50
WST 2,5	3030941	50
SZF 1-0,6X3,5	1204517	10

Accessories ¹⁾		
D-ST 4-TWIN	3030491	50
DS-ST 4	3036615	10
ISH 4/0,5	3002885	50
ISH 4/1,0	3002898	50
WST 4	3030954	50
SZF 1-0,6X3,5	1204517	10

Accessories ¹⁾		
D-ST 6-TWIN	3036767	50
FBS 2-8	3030284	10
FBS 3-8	3030297	10
FBS 4-8	3030307	10
FBS 5-8	3030310	10
FBS 10-8	3030323	10
MPS-MT	0201744	10
MPS-IH RD	0201676	10
PS-8	3031005	10
WST 6	3030967	10
SZF 2-0,8X4,0	1204520	10

UC-TM 5, UCT-TM 5 or ZB 5
(see Catalog 5)
UC-TMF 5, UCT-TMF 5 or ZBF 5
(see Catalog 5)

UC-TM 6, UCT-TM 6 or ZB 6
(see Catalog 5)
UC-TMF 6, UCT-TMF 6 or ZBF 6
(see Catalog 5)

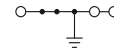
UC-TM 8, UCT-TM 8 or ZB 8
(see Catalog 5)
UC-TMF 8, UCT-TMF 8 or ZBF 8
(see Catalog 5)

ST spring-cage connection terminal blocks

ST ...-TWIN-PE ground terminal blocks with 3 connections

- Same shape and pitch as the feed-through terminal blocks
- Contact is made free from mechanical and electrical errors by simply snapping onto the DIN rail
- ST ...-TWIN-PE fulfill all requirements of the IEC 60947-7-2 standard
These are in particular:
 - Low contact resistance
 - Corrosion-proof terminal points
 - Green-yellow housing
 - Additional options for marking

Notes:
For current carrying capacity of DIN rails, see page 716.
1) The total current of all connected conductors must not exceed the max. load current.



10 (16) mm², 70 A, ground terminal block, 3 connections



Dimensions	
	[mm]
Max. 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]
Two stranded conductors with a TWIN ferrule	[mm ²]
General data	
Stripping length	[mm]
Insulating material	
Inflammability class according to UL 94	

Technical data			
Width	Length	Height NS 35/7,5	
10.2	97	50.3	
I _{max} [A]		max. Ø [mm ²]	AWG
70 ¹⁾		0.2 - 16	24 - 6
IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/EN 60079-7
-	-	-	-
57 ¹⁾ / 10	- / -	-	-
10	-	-	-
24 - 6	16-6	-	-
Connection capacity		Ferrule	
	solid	Without / with plastic sleeve	
1 conductor	0.2 - 16	0.25 - 10	0.25 - 10
Two stranded conductors with a TWIN ferrule	0.2 - 10	1.5 - 2.5	
Stripping length	15		
Insulating material	PA		
Inflammability class according to UL 94	V0		

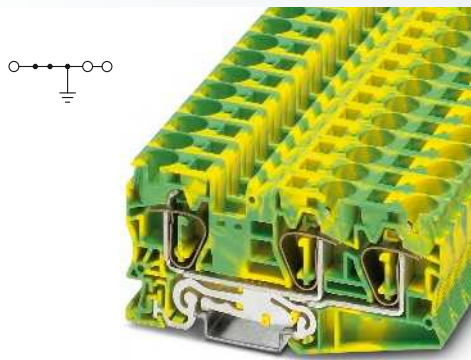
Description	No. of pos.	Color
Ground terminal block, for mounting on NS 35...		green-yellow

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
ST 10-TWIN-PE		3035302	25

Cover, width 2.2 mm		gray
Plug-in bridge	2	red
Test plug metal part, 2.3 mm Ø		red
Insulating sleeve, for MPS metal part		red
Warning cover, for actuation shafts, 5-pos.		yellow

Accessories		
Accessories	Order No.	Pcs. / Pkt.
D-ST 10-TWIN	3035315	50
FBS 2-10	3005947	10
MPS-MT	0201744	10
MPS-IH RD	0201676	10
WST 10/35	3030006	25
SZF 3-1,0X5,5	1206612	10

Screwdriver	
Center groove labeling	UC-TM 10, UCT-TM 10 or ZB 10 (see Catalog 5)
Center and lateral groove labeling	UC-TMF 10, UCT-TMF 10 or ZBF 10 (see Catalog 5)



16 (25) mm², 90 A, ground terminal block,
3 connections



Technical data

Width	Length	Height NS 35/7,5	
12.2	107.8	51.5	
I_{max} [A]		max. Ø [mm ²]	AWG
90*)		0.2 - 25	24 - 4
IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/ EN 60079-7
-	-	-	-
76*) / 16	- / -	-	-
16	-	-	-
24 - 4	16-4	-	-
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.2 - 25	0.2 - 16	0.25 - 16	0.25 - 16 1.5 - 4

16
PA
V0

Ordering data

Type	I_{max}	Order No.	Pcs. / Pkt.
ST 16-TWIN-PE		3035344	25

Accessories

D-ST 16-TWIN		3035357	50
FBS 2-12	76 A	3005950	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
WST 10/35		3030006	25
SZF 3-1,0X5,5		1206612	10

UC-TM 12, UCT-TM 12 or ZB 12
(see Catalog 5)
UC-TMF 12, UCT-TMF 12 or ZBF 12
(see Catalog 5)

Modular terminal blocks - CLIPLINE complete

ST spring-cage connection terminal blocks

ST ...-QUATTRO feed-through terminal blocks with 4 connections



- Compact potential distributors, the double connection allows four conductors to be connected on one potential
- Cross connection to any number of terminal blocks with the FBS ... continuous plug-in bridge system

End cover segments

- If two-conductor terminal blocks are aligned on three or four-conductor terminal blocks, cover segments cover protruding parts
- Fingers are protected from contact

Notes:
1) The total current of all connected conductors must not exceed the max. load current.
2) For installation notes on the use of accessories for Ex e applications, see page 710.
3) The reducing bridge table should be followed, see page 476.



1.5 (1.5) mm², 17.5 A, feed-through terminal block, 4 connections



Dimensions		[mm]	
Max. electrical data			
Rated data			
Rated voltage	[V]	500	10
Nominal current / cross section	[A] / [mm ²]	17.5 ¹⁾ / 1.5	600 / -
Rated cross section	[mm ²]	1.5	-
Cross section range	AWG	28 - 16	28-16
Connection capacity			
1 conductor	[mm ²]	0.08 - 1.5	0.08 - 1.5
Two stranded conductors with a TWIN ferrule	[mm ²]		
General data			
Stripping length	[mm]		
Insulating material		PA	
Inflammability class according to UL 94		V0	

Technical data				
Width	Length	Height NS 35/7,5		
3.5	72	32		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG	
17.5 ¹⁾	500	0.08 - 1.5	28 - 16	
IEC 60947-7-1				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
500	10	600	-	
17.5 ¹⁾ / 1.5	600 / -	10 / -	-	
Rated cross section	[mm ²]	-	-	
Cross section range	AWG	28-16	28-16	
Connection capacity				
		Ferrule		
		Without / with plastic sleeve		
1 conductor	[mm ²]	0.08 - 1.5	0.08 - 1.5	0.14 - 1.5
Two stranded conductors with a TWIN ferrule	[mm ²]			0.14 - 1
General data				
Stripping length	[mm]			
Insulating material		PA		
Inflammability class according to UL 94		V0		

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

Cover, width 2.2 mm		gray
Cover, 0.8 mm width		orange
End cover segment, for covering multi-conductor terminal blocks when two-conductor terminal blocks are aligned		gray
Insulation stop sleeve, cross section range:		
0.08 - 0.2 mm ²		white
0.25 - 0.5 mm ²		gray
0.75 - 1 mm ²		black
Plug-in bridge		
	2	red
	3	red
	4	red
	5	red
	10	red
	20	red

Reducing bridge³⁾		
	2	red
Partition plate, 2 mm width		gray
Test plug metal part, 2.3 mm Ø		
Insulating sleeve, for MPS metal part		red
Modular test plug, for the individual assembly of test plug strips		red
Warning cover, for ST series		yellow
Screwdriver		

Center groove labeling		
Center and lateral groove labeling		

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
ST 1,5/S-QUATTRO		3213124	50

Accessories ²⁾		
D-ST 1,5/S-QUATTRO	3213166	50

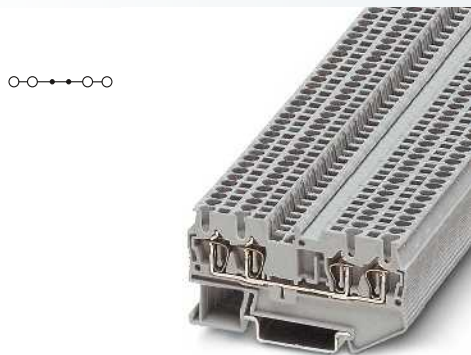
FBS 2-3,5	17.5 A	3213014	50
FBS 3-3,5	17.5 A	3213027	50
FBS 4-3,5	17.5 A	3213030	50
FBS 5-3,5	17.5 A	3213043	50
FBS 10-3,5	17.5 A	3213056	50

RB ST (2,5/4)-1,5/S	3214356	10
ATP-ST QUATTRO	3030815	50

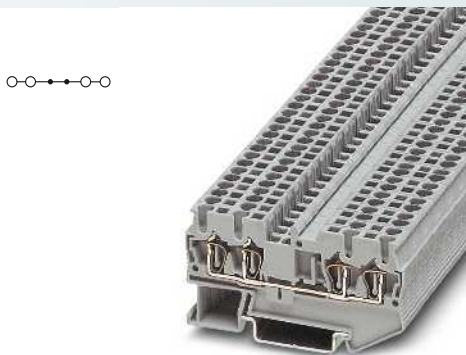
SZF 0-0,4X2,5	1204504	10
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UCT-TM 3,5 or ZB 3,5 (see Catalog 5)		
UCT-TMF 3,5 or ZBF 3,5 (see Catalog 5)		





1.5 (1.5) mm², 17.5 A, feed-through terminal block, 4 connections



2.5 (4) mm², 28 A, feed-through terminal block, 4 connections



4 (6) mm², 40 A, feed-through terminal block, 4 connections



Ex:
 KEMA 01ATEX2129 U / IECEx KEM 06.0043U



Ex:
 KEMA 00ATEX2052U / IECEx KEM 06.0051U



Ex:
 KEMA 00ATEX2129U / IECEx KEM 06.0050U

Technical data			
Width	Length	Height NS 35/7,5	
4.2	72	36.5	
I_{max} [A]	U_{max} [V]	max. \varnothing [mm ²]	AWG
17.5 ¹⁾	500	0.08 - 1.5	28 - 16
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
500	300	300	440
17.5 ¹⁾ / 1.5	15 / -	15 / -	17.5 / 1.5 // 17.5 / 1.5
1.5	-	-	1.5
28 - 16	26-14	26-14	28 - 16
solid	stranded	Ferrule Without / with plastic sleeve	
0.08 - 1.5	0.08 - 1.5	0.14 - 1.5	0.14 - 1.5
0.5			
10	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
5.2	72	36.5	
I_{max} [A]	U_{max} [V]	max. \varnothing [mm ²]	AWG
28 ¹⁾	800	0.08 - 4	28 - 12
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
800	600	600	550
24 ¹⁾ / 2.5	20 / -	20 / -	22 / 2.5 // 26 / 4
2.5	-	-	2.5
28 - 12	28-12	28-12	28 - 12
solid	stranded	Ferrule Without / with plastic sleeve	
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5
0.5			
10	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
6.2	87	36.5	
I_{max} [A]	U_{max} [V]	max. \varnothing [mm ²]	AWG
40 ¹⁾	800	0.08 - 6	28 - 10
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
800	600	600	550
32 ¹⁾ / 4	30 / -	30 / -	28.5 / 4 // 34.5 / 6
4	-	-	4
28 - 10	28-10	28-10	28 - 10
solid	stranded	Ferrule Without / with plastic sleeve	
0.08 - 6	0.08 - 4	0.14 - 4	0.14 - 4
0.5 - 1			
10	PA	V0	

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
ST 1,5-QUATTRO		3031186	50
ST 1,5-QUATTRO BU		3031199	50

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
ST 2,5-QUATTRO		3031306	50
ST 2,5-QUATTRO BU		3031319	50

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
ST 4-QUATTRO		3031445	50
ST 4-QUATTRO BU		3031458	50

Accessories ²⁾		
D-ST 2,5-QUATTRO	3030514	50
D-ST 2,5-QUATTRO-0,8 OG	3030513	50
DS-ST 2,5	3036602	10

Accessories ²⁾		
D-ST 2,5-QUATTRO	3030514	50
D-ST 2,5-QUATTRO-0,8 OG	3030513	50
DS-ST 2,5	3036602	10

Accessories ²⁾		
D-ST 4-QUATTRO	3030527	50
DS-ST 4	3036615	10

ISH 1,5/0,2	3206131	50	
ISH 1,5/0,5	3031034	50	
FBS 2-4	17.5 A	3030116	50
FBS 3-4	17.5 A	3030129	50
FBS 4-4	17.5 A	3030132	50
FBS 5-4	17.5 A	3030145	50
FBS 10-4	17.5 A	3030158	10
FBS 20-4	17.5 A	3030352	10

ISH 2,5/0,2	3002843	50	
ISH 2,5/0,5	3002856	50	
ISH 2,5/1,0	3002869	50	
FBS 2-5	24 A	3030161	50
FBS 3-5	24 A	3030174	50
FBS 4-5	24 A	3030187	50
FBS 5-5	24 A	3030190	50
FBS 10-5	24 A	3030213	10
FBS 20-5	24 A	3030226	10

ISH 4/0,5	3002885	50	
ISH 4/1,0	3002898	50	
FBS 2-6	32 A	3030336	50
FBS 3-6	32 A	3030242	50
FBS 4-6	32 A	3030255	50
FBS 5-6	32 A	3030349	50
FBS 10-6	32 A	3030271	10
FBS 20-6	32 A	3030365	10

ATP-ST QUATTRO	3030815	50
PS-4	3030970	10
WST 1,5	3030958	50
SZF 0-0,4X2,5	1204504	10

RB ST (2,5/4)-1,5	3038943	10
ATP-ST QUATTRO	3030815	50
MPS-MT	0201744	10
MPS-IH RD	0201676	10
PS-5	3030983	10
WST 2,5	3030941	50
SZF 1-0,6X3,5	1204517	10

RB ST (2,5/4)-1,5	3038943	10
ATP-ST QUATTRO	3030815	50
MPS-MT	0201744	10
MPS-IH RD	0201676	10
PS-6	3030996	10
WST 4	3030954	50
SZF 1-0,6X3,5	1204517	10

UC-TM 4, UCT-TM 4 or ZB 4 (see Catalog 5)
UC-TMF 4, UCT-TMF 4 or ZBF 4 (see Catalog 5)

UC-TM 5, UCT-TM 5 or ZB 5 (see Catalog 5)
UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)

UC-TM 6, UCT-TM 6 or ZB 6 (see Catalog 5)
UC-TMF 6, UCT-TMF 6 or ZBF 6 (see Catalog 5)

ST spring-cage connection terminal blocks

ST ...QUATTRO-U feed-through terminal blocks, 4 connections, with split power rail



- These four-conductor spring-cage terminal blocks are characterized by the interrupted power rail in the terminal center.
- This produces two feed-through terminal blocks on one level where one side of the terminal block can be bridged using FBS ... plug-in bridges.
- Double marker carriers can be used for clear marking of the feed-through levels.

Notes:
For suitable double marker carriers, see page 484.
1) The total current of all connected conductors must not exceed the max. load current.
2) The reducing bridge table should be followed, see page 476.



1.5 (1.5) mm², 17.5 A, feed-through terminal block, 4 connections, with split power rail



Dimensions		[mm]
Max. electrical data		
Rated data		
Rated voltage	[V]	500
Nominal current / cross section	[A] / [mm ²]	17.5* / 1.5
Rated cross section	[mm ²]	1.5
Cross section range	AWG	28 - 16
Connection capacity		
1 conductor	[mm ²]	0.08 - 1.5
Two stranded conductors with a TWIN ferrule	[mm ²]	0.08 - 1.5
General data		
Stripping length	[mm]	10
Insulating material		PA
Inflammability class according to UL 94		V0

Technical data				
Width	Length	Height NS 35/7.5		
4.2	72	36.5		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG	
17.5*	500	0.08 - 1.5	28 - 16	
IEC 60947-7-1				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
500	300	-	-	
17.5* / 1.5	15 / -	-	-	
1.5	-	-	-	
28 - 16	26-14	-	-	
solid		stranded		Ferrule
				Without / with plastic sleeve
0.08 - 1.5	0.08 - 1.5	0.14 - 1.5	0.14 - 1.5	
				0.5

Description	No. of pos.	Color
Terminal block, with interrupted current bar, bridgeable on one side, for mounting on NS 35...		gray

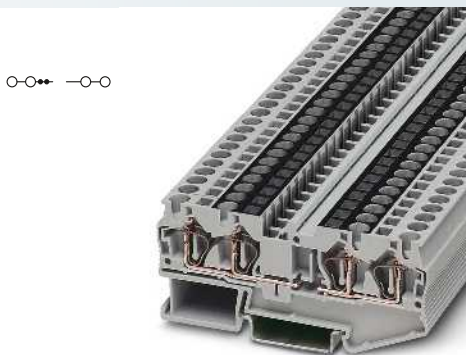
Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
ST 1,5-QUATTRO-U		3038600	50

Cover, width 2.2 mm		gray
Cover, 0.8 mm width		orange
End cover segment, for covering multi-conductor terminal blocks when two-conductor terminal blocks are aligned		gray
Insulation stop sleeve, cross section range:		
0.08 - 0.2 mm ²		white
0.25 - 0.5 mm ²		gray
0.75 - 1 mm ²		black
Plug-in bridge		
	2	red
	3	red
	4	red
	5	red
	10	red
	20	red
Reducing bridge ²⁾		
	2	red
Partition plate, 2 mm width		gray
Test plug metal part, 2.3 mm Ø		
Insulating sleeve, for MPS metal part		red
Modular test plug, for the individual assembly of test plug strips		red
Warning cover, for ST series		yellow
Screwdriver		

Accessories			
D-ST 2,5-QUATTRO		3030514	50
D-ST 2,5-QUATTRO-0,8 OG		3030513	50
DS-ST 2,5		3036602	10
ISH 1,5/0,2		3206131	50
ISH 1,5/0,5		3031034	50
FBS 2-4	17.5 A	3030116	50
FBS 3-4	17.5 A	3030129	50
FBS 4-4	17.5 A	3030132	50
FBS 5-4	17.5 A	3030145	50
FBS 10-4	17.5 A	3030158	10
FBS 20-4	17.5 A	3030352	10
ATP-ST QUATTRO		3030815	50
PS-4		3030970	10
WST 1,5		3030958	50
SZF 0-0,4X2,5		1204504	10

Center groove labeling		
Center and lateral groove labeling		

UC-TM 4, UCT-TM 4 or ZB 4 (see Catalog 5)		
UC-TMF 4, UCT-TMF 4 or ZBF 4 (see Catalog 5)		



2.5 (4) mm², 28 A, feed-through terminal block, 4 connections, with split power rail

4 (6) mm², 37 A, feed-through terminal block, 4 connections, with split power rail



Technical data			
Width	Length	Height NS 35/7,5	
5.2	72	36.5	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
28 ¹⁾	800	0.08 - 4	28 - 12
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
800	600	600	-
22 ¹⁾ / 2.5	20 / -	20 / -	-
2.5	-	-	-
28 - 12	28-12	28-12	-
solid	stranded	Ferrule	
Without / with plastic sleeve			
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5
0.5			
10	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
6.2	87	36.5	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
37 ¹⁾	800	0.08 - 6	28 - 10
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
800	600	-	-
28 ¹⁾ / 4	30 / -	-	-
4	-	-	-
28 - 10	28-10	-	-
solid	stranded	Ferrule	
Without / with plastic sleeve			
0.08 - 6	0.08 - 4	0.14 - 4	0.14 - 4
0.5 - 1			
10	PA	V0	

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
ST 2,5-QUATTRO-U		3031636	50

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
ST 4-QUATTRO-U		3038639	50

Accessories			
D-ST 2,5-QUATTRO		3030514	50
D-ST 2,5-QUATTRO-0,8 OG		3030513	50
DS-ST 2,5		3036602	10
ISH 2,5/0,2		3002843	50
ISH 2,5/0,5		3002856	50
ISH 2,5/1,0		3002869	50
FBS 2-5	24 A	3030161	50
FBS 3-5	24 A	3030174	50
FBS 4-5	24 A	3030187	50
FBS 5-5	24 A	3030190	50
FBS 10-5	24 A	3030213	10
FBS 20-5	24 A	3030226	10
RB ST (2,5/4)-1,5		3038943	10
ATP-ST QUATTRO		3030815	50
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-5		3030983	10
WST 2,5		3030941	50
SZF 1-0,6X3,5		1204517	10

Accessories			
D-ST 4-QUATTRO		3030527	50
DS-ST 4		3036615	10
ISH 4/0,5		3002885	50
ISH 4/1,0		3002898	50
FBS 2-6	32 A	3030336	50
FBS 3-6	32 A	3030242	50
FBS 4-6	32 A	3030255	50
FBS 5-6	32 A	3030349	50
FBS 10-6	32 A	3030271	10
FBS 20-6	32 A	3030365	10
RB ST (2,5/4)-1,5		3038943	10
ATP-ST QUATTRO		3030815	50
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-6		3030996	10
WST 4		3030954	50
SZF 1-0,6X3,5		1204517	10

UC-TM 5, UCT-TM 5 or ZB 5
(see Catalog 5)
UC-TMF 5, UCT-TMF 5 or ZBF 5
(see Catalog 5)

UC-TM 6, UCT-TM 6 or ZB 6
(see Catalog 5)
UC-TMF 6, UCT-TMF 6 or ZBF 6
(see Catalog 5)

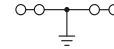
ST spring-cage connection terminal blocks

ST ...-QUATTRO-PE ground terminal blocks with 4 connections



- Same shape and pitch as the feed-through terminal blocks
- Contact is made free from mechanical and electrical errors by simply snapping onto the DIN rail
- ST ...-QUATTRO-PE fulfill all requirements of the IEC 60947-7-2 standard
These are in particular:
 - Low contact resistance
 - Corrosion-proof terminal points
 - Green-yellow housing
 - Additional options for marking

Notes:
For current carrying capacity of DIN rails, see page 716.
1) For installation notes on the use of accessories for Ex e applications, see page 710.



1.5 (1.5) mm², ground terminal block, 4 connections

Ex:
 KEMA 01ATEX2129 U / IECEx KEM 06.0043U

Dimensions		[mm]
Max. electrical data		
Rated data		
Rated voltage	[V]	-
Nominal current / cross section	[A] / [mm ²]	- / -
Rated cross section	[mm ²]	1.5
Cross section range	AWG	28 - 16
Connection capacity		
1 conductor	[mm ²]	0.08 - 1.5
Two stranded conductors with a TWIN ferrule	[mm ²]	0.08 - 1.5
General data		
Stripping length	[mm]	10
Insulating material		PA
Inflammability class according to UL 94		V0

Technical data			
Width	Length	Height NS 35/7,5	
4.2	72	36.5	
		max. Ø [mm ²]	AWG
		0.08 - 1.5	28 - 16
IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/EN 60079-7
-	-	-	(Ex)
Ferrule			
solid		Without / with plastic sleeve	
stranded		0.14 - 1.5	0.14 - 1.5
		0.5	

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

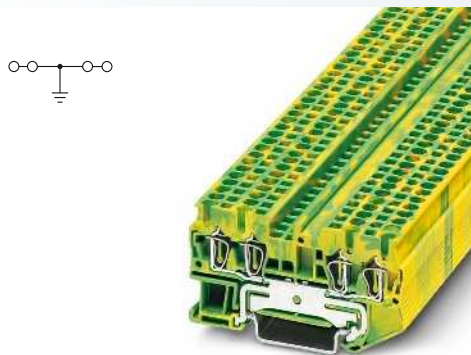
Ordering data		
Type	Order No.	Pcs. / Pkt.
ST 1,5-QUATTRO-PE	3031209	50

Cover , width 2.2 mm	gray
Cover , 0.8 mm width	orange
End cover segment , for covering multi-conductor terminal blocks when two-conductor terminal blocks are aligned	gray
Insulation stop sleeve , cross section range:	
0.08 - 0.2 mm ²	white
0.25 - 0.5 mm ²	gray
0.75 - 1 mm ²	black
Warning cover , for ST series	yellow
Screwdriver	

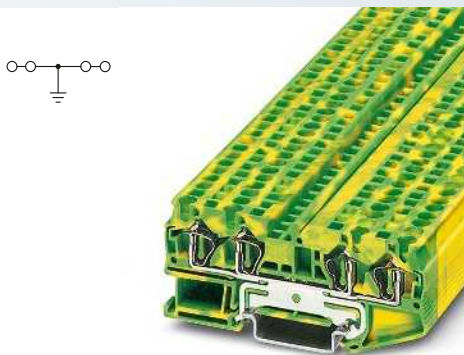
Accessories¹⁾		
D-ST 2,5-QUATTRO	3030514	50
D-ST 2,5-QUATTRO-0,8 OG	3030513	50
DS-ST 2,5	3036602	10
ISH 1,5/0,2	3206131	50
ISH 1,5/0,5	3031034	50
WST 1,5	3030958	50
SZF 0-0,4X2,5	1204504	10

Center groove labeling
Center and lateral groove labeling

UC-TM 4, UCT-TM 4 or ZB 4 (see Catalog 5)
UC-TMF 4, UCT-TMF 4 or ZBF 4 (see Catalog 5)



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



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



Ex:
KEMA 00ATEX2052U / IECEx KEM 06.0051U



Ex:
KEMA 00ATEX2129U / IECEx KEM 06.0050U

Technical data			
Width	Length	Height NS 35/7,5	
5.2	72	36.5	
		max. Ø [mm ²]	AWG
		0.08 - 4	28 - 12
IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/ EN 60079-7
-	-	-	-
-	-/-	-	-
2.5	-	-	2.5
28 - 12	28-12	28-12	28 - 12
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5 0.5
10			
PA			
V0			

Technical data			
Width	Length	Height NS 35/7,5	
6.2	87	36.5	
		max. Ø [mm ²]	AWG
		0.08 - 6	28 - 10
IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/ EN 60079-7
-	-	-	-
-	-/-	-	-
4	-	-	4
28 - 10	28-10	28-10	28 - 10
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.08 - 6	0.08 - 4	0.14 - 4	0.14 - 4 0.5 - 1
10			
PA			
V0			

Ordering data		
Type	Order No.	Pcs. / Pkt.
ST 2,5-QUATTRO-PE	3031322	50

Ordering data		
Type	Order No.	Pcs. / Pkt.
ST 4-QUATTRO-PE	3031461	50

Accessories ¹⁾		
D-ST 2,5-QUATTRO	3030514	50
D-ST 2,5-QUATTRO-0,8 OG	3030513	50
DS-ST 2,5	3036602	10
ISH 2,5/0,2	3002843	50
ISH 2,5/0,5	3002856	50
ISH 2,5/1,0	3002869	50
WST 2,5	3030941	50
SZF 1-0,6X3,5	1204517	10

Accessories ¹⁾		
D-ST 4-QUATTRO	3030527	50
DS-ST 4	3036615	10
ISH 4/0,5	3002885	50
ISH 4/1,0	3002898	50
WST 4	3030954	50
SZF 1-0,6X3,5	1204517	10

UC-TM 5, UCT-TM 5 or ZB 5
(see Catalog 5)
UC-TMF 5, UCT-TMF 5 or ZBF 5
(see Catalog 5)

UC-TM 6, UCT-TM 6 or ZB 6
(see Catalog 5)
UC-TMF 6, UCT-TMF 6 or ZBF 6
(see Catalog 5)

ST spring-cage connection terminal blocks

STTB ... double-level terminal blocks



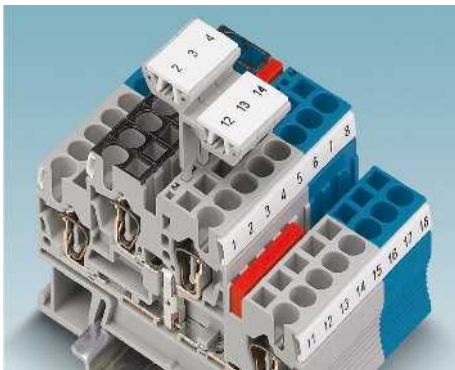
- Compact design for maximum space saving
- Design width of 4.2 mm, 5.2 mm or 6.2 mm
- Integrated labeling areas on every terminal point
- Optional, large labeling option using STP... double marker carriers

STTB ...-PV potential distributor terminals

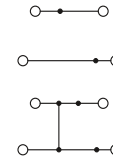
- With the **STTB ...-PV** double-level spring-cage terminal block version, both levels are interconnected
- Equipotential bonding is marked by an imprint on the terminal housing

STP ... double marker carriers

- Optional, large labeling option using STP... double marker carriers, see figure below



Notes:
1) The total current of all connected conductors must not exceed the max. load current.
2) For installation notes on the use of accessories for Ex e applications, see page 710.



1.5 (1.5) mm², 17.5 A, double-level terminal block



Ex: Ex I, Ex II, Ex III
KEMA 01ATEX2129 U / IECEx KEM 06.0043U

Dimensions		[mm]	
Max. electrical data			
Rated data			
Rated voltage	[V]	500	300
Nominal current / cross section	[A] / [mm ²]	17.5 / 1.5	15 / -
Rated cross section	[mm ²]	1.5	-
Cross section range	AWG	28 - 16	26-14
Connection capacity			
1 conductor	[mm ²]	0.08 - 1.5	0.08 - 1.5
Two stranded conductors with a TWIN ferrule	[mm ²]		0.14 - 1.5
General data			
Stripping length	[mm]	10	
Insulating material		PA	
Inflammability class according to UL 94		V0	

Technical data				
Width	Length	Height NS 35/7,5		
4.2	67.5	47.5		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG	
17.5	500	0.08 - 1.5	28 - 16	
IEC 60947-7-1				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
Rated voltage	[V]	300	440	
Nominal current / cross section	[A] / [mm ²]	15 / -	15 / 1.5 // 15 / 1.5	
Rated cross section	[mm ²]	-	1.5	
Cross section range	AWG	26-14	28 - 16	
Connection capacity		Ferrule		
		Without / with plastic sleeve		
1 conductor	[mm ²]	0.08 - 1.5	0.14 - 1.5	0.14 - 1.5
Two stranded conductors with a TWIN ferrule	[mm ²]			0.5
General data				
Stripping length	[mm]	10		
Insulating material		PA		
Inflammability class according to UL 94		V0		

Description	No. of pos.	Color
Terminal block, for mounting on NS 35...		gray
		blue
Terminal block, with equipotential bonding between the levels, for mounting on NS 35... ¹⁾		gray
		blue

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
STTB 1,5		3031157	50
STTB 1,5 BU		3031160	50
STTB 1,5-PV		3031526	50

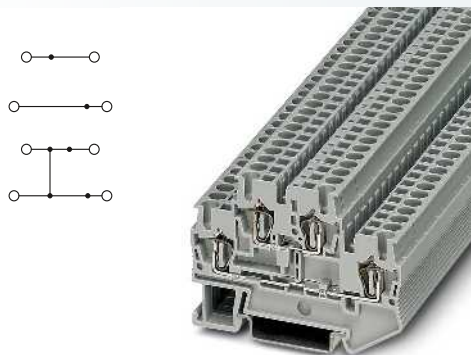
Cover, width 2.2 mm		gray
Insulation stop sleeve , cross section range:		
0.08 - 0.2 mm ²		white
0.25 - 0.5 mm ²		gray
0.75 - 1 mm ²		black
Plug-in bridge		
	2	red
	3	red
	4	red
	5	red
	10	red
	20	red
Partition plate, 2 mm width		gray
Test adapter, 4-mm test socket hole		gray
Modular test plug, for the individual assembly of test plug strips		red

Accessories ²⁾		
D-STTB 2,5		3030459
ISH 1,5/0,2		3206131
ISH 1,5/0,5		3031034
FBS 2-4	15 A	3030116
FBS 3-4	15 A	3030129
FBS 4-4	15 A	3030132
FBS 5-4	15 A	3030145
FBS 10-4	15 A	3030158
FBS 20-4	15 A	3030352
ATP-STTB 4		3030747
PAI-4		3030925
PS-4		3030970

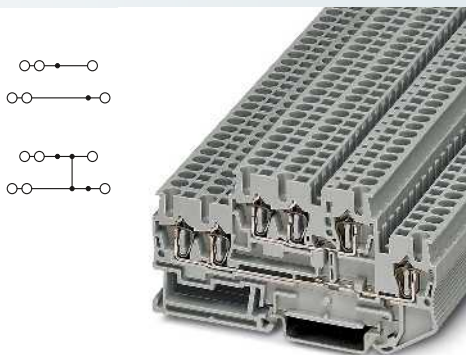
Double marker carrier, can be snapped into STTB 1,5, PTTB 1,5 double-level terminal blocks can be labeled with UC-TM 4, ZB 4 or UC-TMF 4, ZBF 4		gray
Warning cover, for ST series		yellow
Screwdriver		

STP 4-2		0810575	100
WST 1,5		3030958	50
SZF 0-0,4X2,5		1204504	10

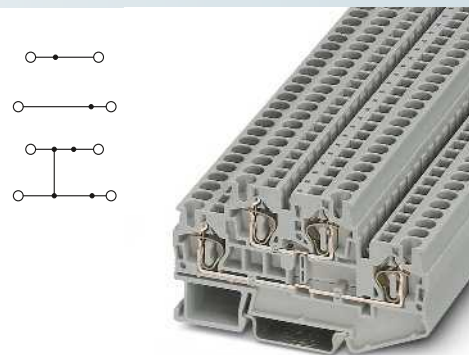
UC-TMF 4, UCT-TMF 4 or ZBF 4 (see Catalog 5)			
----------------------------------------------	--	--	--



2.5 (4) mm², 26 A, double-level terminal block



2.5 (4) mm², 26 A, feed-through terminal block, 3 connections per level



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



Ex: KEMA 00ATEX2052U / IECEx KEM 06.0051U



Ex: KEMA 00ATEX2129U / IECEx KEM 06.0050U



Ex: KEMA 00ATEX2129U / IECEx KEM 06.0050U

Technical data			
Width	Length	Height NS 35/7,5	
5.2	67.5	47.5	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG
26	500	0.08 - 4	28 - 12
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/ EN 60079-7
500	600	300	440
22 / 2.5	20 / -	20 / -	19.5 / 2.5 // 23.5 / 4
2.5	-	-	2.5
28 - 12	28-12	28-12	28 - 12
solid	stranded	Ferrule	
Without / with plastic sleeve			
0.08 - 4	0.08 - 2.5	0.25 - 2.5	0.25 - 2.5 / 0.5
10	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
5.2	91.5	47.5	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG
26 ¹⁾	500	0.08 - 4	28 - 12
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/ EN 60079-7
500	600	300	-
22 ¹⁾ / 2.5	20 / -	20 / -	-
2.5	-	-	-
28 - 12	28-12	28-12	-
solid	stranded	Ferrule	
Without / with plastic sleeve			
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5 / 0.5
10	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
6.2	83.5	47.5	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG
32	500	0.08 - 6	28 - 10
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/ EN 60079-7
500	600	300	440
30 / 4	30 / -	30 / -	26.5 / 4 // 30 / 6
4	-	-	4
28 - 10	28-10	28-10	28 - 10
solid	stranded	Ferrule	
Without / with plastic sleeve			
0.08 - 6	0.08 - 4	0.14 - 4	0.14 - 4 / 0.5 - 1
10	PA	V0	

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
STTB 2,5		3031270	50
STTB 2,5 BU		3031283	50
STTB 2,5-PV		3031539	50
STTB 2,5-PV BU		3035108	50

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
STTB 2,5-TWIN		3038516	50
STTB 2,5-TWIN BU		3038529	50
STTB 2,5-TWIN-PV		3038545	50

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
STTB 4		3031429	50
STTB 4 BU		3031432	50
STTB 4-PV		3031542	50

Accessories ²⁾			
D-STTB 2,5		3030459	50
ISH 2,5/0,2		3002843	50
ISH 2,5/0,5		3002856	50
ISH 2,5/1,0		3002869	50
FBS 2-5	20 A	3030161	50
FBS 3-5	20 A	3030174	50
FBS 4-5	20 A	3030187	50
FBS 5-5	20 A	3030190	50
FBS 10-5	20 A	3030213	10
FBS 20-5	20 A	3030226	10
ATP-STTB 4		3030747	50
PAI-4-N GY		3032871	10
PS-5		3030983	10
STP 5-2		0800967	100
WST 2,5		3030941	50
SZF 1-0,6X3,5		1204517	10

Accessories ²⁾			
D-STTB 2,5-TWIN		3038558	50
ISH 2,5/0,2		3002843	50
ISH 2,5/0,5		3002856	50
ISH 2,5/1,0		3002869	50
FBS 2-5	20 A	3030161	50
FBS 3-5	20 A	3030174	50
FBS 4-5	20 A	3030187	50
FBS 5-5	20 A	3030190	50
FBS 10-5	20 A	3030213	10
FBS 20-5	20 A	3030226	10
ATP-STTB 4		3030747	50
PAI-4-N GY		3032871	10
PS-5		3030983	10
STP 5-2		0800967	100
WST 2,5		3030941	50
SZF 1-0,6X3,5		1204517	10

Accessories ²⁾			
D-STTB 4		3030462	50
ISH 4/0,5		3002885	50
ISH 4/1,0		3002898	50
FBS 2-6	26 A	3030336	50
FBS 3-6	26 A	3030242	50
FBS 4-6	26 A	3030255	50
FBS 5-6	26 A	3030349	50
FBS 10-6	26 A	3030271	10
FBS 20-6	26 A	3030365	10
ATP-STTB 4		3030747	50
PAI-4-N GY		3032871	10
PS-6		3030996	10
STP 5-2		0800967	100
WST 4		3030954	50
SZF 1-0,6X3,5		1204517	10

UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)

UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)

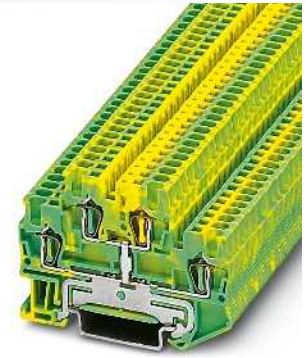
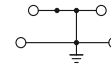
UC-TMF 6, UCT-TMF 6 or ZBF 6 (see Catalog 5)

ST spring-cage connection terminal blocks

STTB ... -PE double-level ground terminal blocks

- Same shape and pitch as the feed-through terminal blocks
- Contact is made free from mechanical and electrical errors by simply snapping onto the DIN rail
- STTB ...-PE fulfill all requirements of the IEC 60947-7-2 standard
These are in particular:
 - Low contact resistance
 - Corrosion-proof terminal points
 - Green-yellow housing
 - Additional options for marking

Notes:
For current carrying capacity of DIN rails, see page 716.
1) For installation notes on the use of accessories for Ex e applications, see page 710.



1.5 (1.5) mm², double-level ground terminal block

Ex:

 KEMA 01ATEX2129 U / IECEX KEM 06.0043U

Dimensions		
		[mm]
Max. electrical data		
Rated data		
Rated voltage	[V]	-
Nominal current / cross section	[A] / [mm ²]	- / -
Rated cross section	[mm ²]	1.5
Cross section range	AWG	28 - 16
Connection capacity		
1 conductor	[mm ²]	0.08 - 1.5
Two stranded conductors with a TWIN ferrule	[mm ²]	0.08 - 1.5
General data		
Stripping length	[mm]	10
Insulating material		PA
Inflammability class according to UL 94		V0

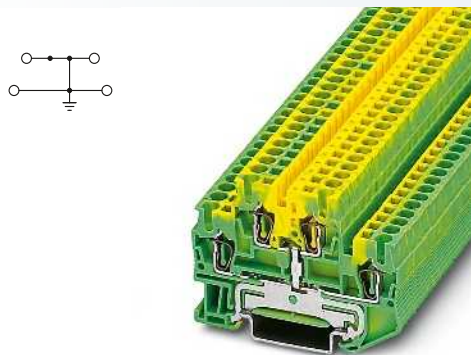
Technical data				
Width	Length	Height NS 35/7,5		
4.2	67.5	47.5		
		max. Ø [mm ²]	AWG	
		0.08 - 1.5	28 - 16	
IEC 60947-7-2		Ex		
IEC	UL/CUL	CSA	IEC/EN 60079-7	
-	-	-	-	
-	- / -	-	-	
1.5	-	-	1.5	
28 - 16	26-14	26-14	28 - 16	
solid		stranded		Ferrule
		Without / with plastic sleeve		
0.08 - 1.5	0.08 - 1.5	0.14 - 1.5	0.14 - 1.5	
		0.5		

Description	No. of pos.	Color
Ground terminal block, for mounting on NS 35...		green-yellow

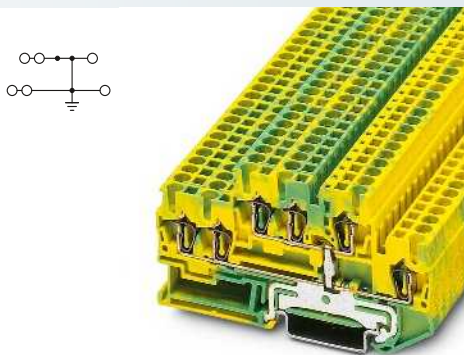
Ordering data		
Type	Order No.	Pcs. / Pkt.
STTB 1,5-PE	3036013	50

Cover, width 2.2 mm	gray
Insulation stop sleeve, cross section range:	
0.08 - 0.2 mm ²	white
0.25 - 0.5 mm ²	gray
0.75 - 1 mm ²	black
Plug-in bridge	
	2 red
	3 red
	4 red
	5 red
	10 red
	20 red
Partition plate, 2 mm width	gray
Test adapter, 4-mm test socket hole	gray
Modular test plug, for the individual assembly of test plug strips	red
Double marker carrier, can be snapped into STTB 1,5, PTTB 1,5 double-level terminal blocks can be labeled with UC-TM 4, ZB 4 or UC-TMF 4, ZBF 4	gray
Warning cover, for ST series	yellow
Screwdriver	
Lateral groove labeling	

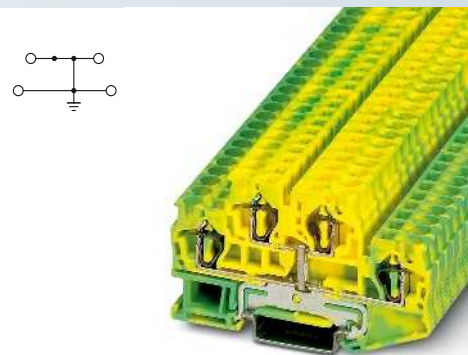
Accessories ¹⁾		
Type	Order No.	Pcs. / Pkt.
D-STTB 2,5	3030459	50
ISH 1,5/0,2	3206131	50
ISH 1,5/0,5	3031034	50
FBS 2-4	3030116	50
FBS 3-4	3030129	50
FBS 4-4	3030132	50
FBS 5-4	3030145	50
FBS 10-4	3030158	10
FBS 20-4	3030352	10
ATP-STTB 4	3030747	50
PAI-4	3030925	10
PS-4	3030970	10
STP 4-2	0810575	100
WST 1,5	3030958	50
SZF 0-0,4X2,5	1204504	10
UC-TMF 4, UCT-TMF 4 or ZBF 4 (see Catalog 5)		



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



2.5 (4) mm² double-level terminal block, 3 connections per level, with PE foot



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

UL, CE, VDE, KVR, ClassNK, CB

Ex: IEC, ATEX, IECEx
KEMA 00ATEX2052U / IECEx KEM 06.0051U

UL, CE, VDE, KVR, ClassNK, CB

Ex: IEC, ATEX, IECEx
KEMA 00ATEX2129U / IECEx KEM 06.0050U

UL, CE, VDE, KVR, ClassNK, CB

Ex: IEC, ATEX, IECEx
KEMA 00ATEX2129U / IECEx KEM 06.0050U

Technical data			
Width	Length	Height NS 35/7,5	
5.2	67.5	47.5	
		max. Ø [mm ²]	AWG
		0.08 - 4	28 - 12
IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/EN 60079-7
-	-	-	-
-	-/-	-	-
2.5	-	-	2.5
28 - 12	28-12	28-12	28 - 12
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5 0.5
10	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
5.2	91.5	47.5	
		max. Ø [mm ²]	AWG
		0.08 - 4	28 - 12
IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/EN 60079-7
-	-	-	-
-	-/-	-	-
2.5	-	-	-
28 - 12	28-12	28-12	-
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5 0.5
10	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
6.2	83.5	47.5	
		max. Ø [mm ²]	AWG
		0.08 - 6	28 - 10
IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/EN 60079-7
-	-	-	-
-	-/-	-	-
4	-	-	4
28 - 10	28-10	28-10	28 - 10
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.08 - 6	0.08 - 4	0.14 - 4	0.14 - 4 0.5 - 1
10	PA	V0	

Ordering data		
Type	Order No.	Pcs. / Pkt.
STTB 2,5-PE	3036026	50

Ordering data		
Type	Order No.	Pcs. / Pkt.
STTB 2,5-TWIN-PE	3038532	50

Ordering data		
Type	Order No.	Pcs. / Pkt.
STTB 4-PE	3036039	50

Accessories ¹⁾		
D-STTB 2,5	3030459	50
ISH 2,5/0,2	3002843	50
ISH 2,5/0,5	3002856	50
ISH 2,5/1,0	3002869	50
FBS 2-5	3030161	50
FBS 3-5	3030174	50
FBS 4-5	3030187	50
FBS 5-5	3030190	50
FBS 10-5	3030213	10
FBS 20-5	3030226	10
ATP-STTB 4	3030747	50
PAI-4-N GY	3032871	10
PS-5	3030983	10
STP 5-2	0800967	100
WST 2,5	3030941	50
SZF 1-0,6X3,5	1204517	10

Accessories ¹⁾		
D-STTB 2,5-TWIN	3038558	50
ISH 2,5/0,2	3002843	50
ISH 2,5/0,5	3002856	50
ISH 2,5/1,0	3002869	50
FBS 2-5	3030161	50
FBS 3-5	3030174	50
FBS 4-5	3030187	50
FBS 5-5	3030190	50
FBS 10-5	3030213	10
FBS 20-5	3030226	10
ATP-STTB 4	3030747	50
PAI-4-N GY	3032871	10
PS-5	3030983	10
STP 5-2	0800967	100
WST 2,5	3030941	50
SZF 1-0,6X3,5	1204517	10

Accessories ¹⁾		
D-STTB 4	3030462	50
ISH 4/0,5	3002885	50
ISH 4/1,0	3002898	50
FBS 2-6	3030336	50
FBS 3-6	3030242	50
FBS 4-6	3030255	50
FBS 5-6	3030349	50
FBS 10-6	3030271	10
FBS 20-6	3030365	10
ATP-STTB 4	3030747	50
PAI-4-N GY	3032871	10
PS-6	3030996	10
STP 5-2	0800967	100
WST 4	3030954	50
SZF 1-0,6X3,5	1204517	10

UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)

UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)

UC-TMF 6, UCT-TMF 6 or ZBF 6 (see Catalog 5)

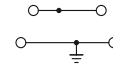
ST spring-cage connection terminal blocks

STTB 2,5 ... double-level terminal blocks



- These mixed versions combine the benefits of two-level feed-through terminal blocks and ground terminal blocks of the same shape
- The ...PE/L and ...PE/N terminal block types feature ground conductor contact with the DIN rail in the lower level, while the upper level is designed as a feed-through level
- The color coding of the PE and N levels helps to produce clear and unambiguous potential distribution

Notes:
For current carrying capacity of DIN rails, see page 716.



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

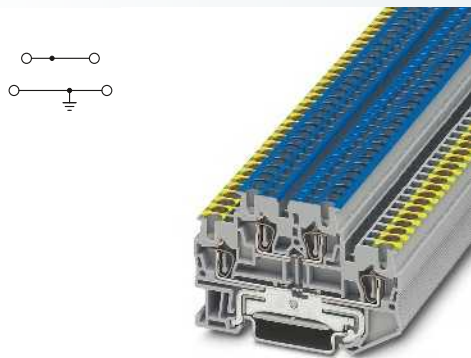


Dimensions		[mm]
Max. electrical data		
Rated data		
Rated voltage	[V]	500
Nominal current / cross section	[A] / [mm ²]	22 / 2.5
Rated cross section	[mm ²]	2.5
Cross section range	AWG	28 - 12
Connection capacity		
1 conductor	[mm ²]	0.08 - 4
Two stranded conductors with a TWIN ferrule	[mm ²]	0.08 - 2.5
General data		
Stripping length	[mm]	10
Insulating material		PA
Inflammability class according to UL 94		V0

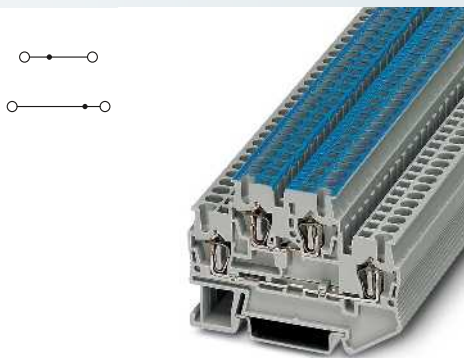
Technical data				
Width	Length	Height NS 35/7,5		
5.2	67.5	47.5		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG	
32	500	0.08 - 4	28 - 12	
IEC 60947-7-1 / IEC 60947-7-2				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
Connection capacity				
		Ferrule		
		Without / with plastic sleeve		
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5	
		0.5		
Ordering data				
Type	I _{max}	Order No.	Pcs. / Pkt.	
STTB 2,5-PE/L		3036314	50	
Accessories				
D-STTB 2,5		3030459	50	
ISH 2,5/0,2		3002843	50	
ISH 2,5/0,5		3002856	50	
ISH 2,5/1,0		3002869	50	
FBS 2-5	20 A	3030161	50	
FBS 3-5	20 A	3030174	50	
FBS 4-5	20 A	3030187	50	
FBS 5-5	20 A	3030190	50	
FBS 10-5	20 A	3030213	10	
FBS 20-5	20 A	3030226	10	
ATP-STTB 4		3030747	50	
PAI-4-N GY		3032871	10	
PS-5		3030983	10	
STP 5-2		0800967	100	
WST 2,5		3030941	50	
SZF 1-0,6X3,5		1204517	10	
UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)				

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

Cover, width 2.2 mm		gray
Insulation stop sleeve, cross section range:		
0.08 - 0.2 mm ²		white
0.25 - 0.5 mm ²		gray
0.75 - 1 mm ²		black
Plug-in bridge		
	2	red
	3	red
	4	red
	5	red
	10	red
	20	red
Partition plate, 2 mm width		gray
Test adapter, 4-mm test socket hole		gray
Modular test plug, for the individual assembly of test plug strips		red
Double marker carrier, can be snapped into STTB 2,5, STTB 4, PTTB 2,5 PTTB 4 double-level terminal blocks, can be labeled with UC-TM 5, ZB 5 or UC-TMF 5, ZBF 5		gray
Warning cover, for actuation shafts, 5-pos.		yellow
Screwdriver		
Lateral groove labeling		



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



2.5 (4) mm², 26 A, double-level terminal block



Technical data			
Width	Length	Height NS 35/7,5	
5.2	67.5	47.5	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
32	500	0.08 - 4	28 - 12
IEC 60947-7-1 / IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/EN 60079-7
500	300	300	-
22 / 2.5	20 / -	20 / -	-
2.5	-	-	-
28 - 12	28-12	28-12	-
solid	stranded	Ferrule Without / with plastic sleeve	
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5 0.5
10	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
5.2	67.5	47.5	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
26	500	0.08 - 4	28 - 12
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
500	600	300	-
22 / 2.5	20 / -	20 / -	-
2.5	-	-	-
28 - 12	28-12	28-12	-
solid	stranded	Ferrule Without / with plastic sleeve	
0.08 - 4	0.08 - 2.5	0.25 - 2.5	0.25 - 2.5 0.5
10	PA	V0	

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
STTB 2,5-PE/N		3036327	50

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
STTB 2,5-L/N		3036330	50

Accessories			
D-STTB 2,5		3030459	50
ISH 2,5/0,2		3002843	50
ISH 2,5/0,5		3002856	50
ISH 2,5/1,0		3002869	50
FBS 2-5	20 A	3030161	50
FBS 3-5	20 A	3030174	50
FBS 4-5	20 A	3030187	50
FBS 5-5	20 A	3030190	50
FBS 10-5	20 A	3030213	10
FBS 20-5	20 A	3030226	10
ATP-STTB 4		3030747	50
PAI-4-N GY		3032871	10
PS-5		3030983	10
STP 5-2		0800967	100
WST 2,5		3030941	50
SZF 1-0,6X3,5		1204517	10

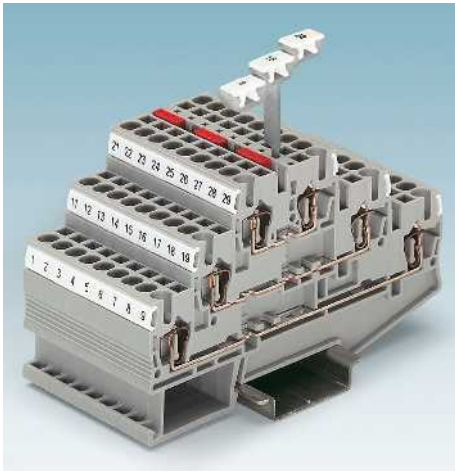
Accessories			
D-STTB 2,5		3030459	50
ISH 2,5/0,2		3002843	50
ISH 2,5/0,5		3002856	50
ISH 2,5/1,0		3002869	50
FBS 2-5	20 A	3030161	50
FBS 3-5	20 A	3030174	50
FBS 4-5	20 A	3030187	50
FBS 5-5	20 A	3030190	50
FBS 10-5	20 A	3030213	10
FBS 20-5	20 A	3030226	10
ATP-STTB 4		3030747	50
PAI-4-N GY		3032871	10
PS-5		3030983	10
STP 5-2		0800967	100
WST 2,5		3030941	50
SZF 1-0,6X3,5		1204517	10

UC-TMF 5, UCT-TMF 5 or ZBF 5
(see Catalog 5)

UC-TMF 5, UCT-TMF 5 or ZBF 5
(see Catalog 5)

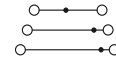
ST spring-cage connection terminal blocks

ST 2,5-3... three-level terminal blocks



- The three-level spring-cage terminal block has three feed-through levels in a 5.2 mm wide terminal housing
- High wiring density for particularly cramped switch systems
- With one bridge shaft on each level, this modular terminal block can be used as a compact potential distributor or as a sensor terminal, for example
- The ST 2,5-3PV version has six linked terminal points
- Can be labeled on every level
- The three-level range of terminal blocks is rounded off by a ground terminal block of the same shape
- Additional large-surface labeling of the three levels with STP 5-3 triple marker carrier

Notes:
For current carrying capacity of DIN rails, see page 716.
For suitable triple marker carriers, see page 484.
1) The total current of all connected conductors must not exceed the max. load current.
2) The operating voltage is determined by the LED version.



2.5 (4) mm², 28 A, three-level terminal block



Dimensions	
	[mm]
Max. electrical 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]
Two stranded conductors with a TWIN ferrule	[mm ²]
General data	
Stripping length	[mm]
Insulating material	
Inflammability class according to UL 94	

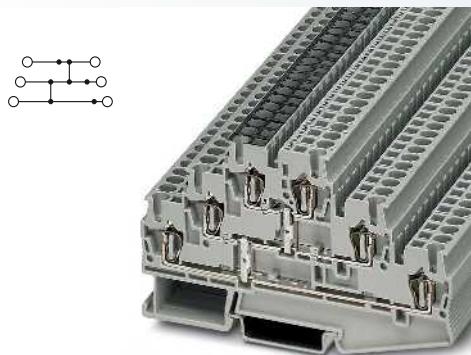
Technical data				
Width	Length	Height NS 35/7,5		
5.2	99.5	58		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG	
28	500	0.08 - 4	28 - 12	
IEC 60947-7-1				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
500	600	300	-	
20 / 2.5	20 / -	20 / -	-	
2.5	-	-	-	
28 - 12	28-12	28-12	-	
solid		stranded		Ferrule
				Without / with plastic sleeve
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5	
				0.5
10				
PA				
V0				

Description	No. of pos.	Color
Terminal block, for mounting on NS 35...		gray
Terminal block, with equipotential bonding between the levels, for mounting on NS 35...		blue
Ground terminal block, for mounting on NS 35...		gray
Terminal block, with LED for 12 - 30 V DC, 0.7 - 2.4 mA		green-yellow
		gray

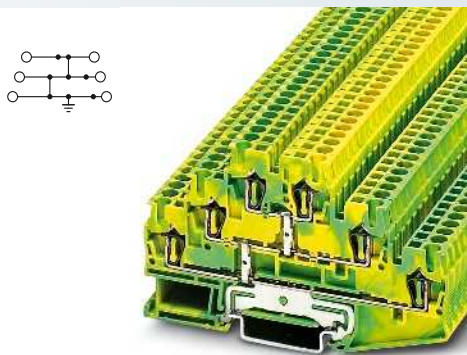
Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
ST 2,5-3L		3036042	50
ST 2,5-3L BU		3038710	50

Cover, width 2.2 mm		gray
Insulation stop sleeve, cross section range:		
0.08 - 0.2 mm ²		white
0.25 - 0.5 mm ²		gray
0.75 - 1 mm ²		black
Plug-in bridge		
	2	red
	3	red
	4	red
	5	red
	10	red
	20	red
Test adapter, 4-mm test socket hole		gray
Modular test plug, for the individual assembly of test plug strips		red
Three-compartment marker carrier, can be snapped into ST 2,5-3... and PT 2,5-3... three-level terminal blocks, can be labeled with UC-TMF 5 and ZBF 5 or ...TM 5 and ZB 5		gray
Warning cover, for actuation shafts, 5-pos.		yellow
Screwdriver		
Lateral groove labeling		

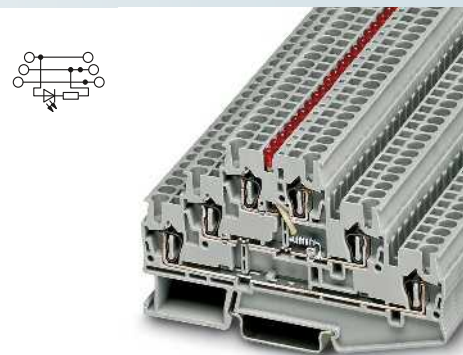
Accessories			
Type	I _{max}	Order No.	Pcs. / Pkt.
D-ST 2,5-3L		3036660	50
ISH 2,5/0,2		3002843	50
ISH 2,5/0,5		3002856	50
ISH 2,5/1,0		3002869	50
FBS 2-5	20 A	3030161	50
FBS 3-5	20 A	3030174	50
FBS 4-5	20 A	3030187	50
FBS 5-5	20 A	3030190	50
FBS 10-5	20 A	3030213	10
FBS 20-5	20 A	3030226	10
PAI-4-N GY		3032871	10
PS-5		3030983	10
STP 5-3		0810562	100
WST 2,5		3030941	50
SZF 1-0,6X3,5		1204517	10
UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)			



2.5 (4) mm², 28 A, three-level terminal block, internally connected levels



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



2.5 (4) mm², 28 A, three-level terminal block with LED



Technical data			
Width	Length	Height NS 35/7,5	
5.2	99.5	58	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
28 ¹⁾	500	0.08 - 4	28 - 12
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
500	600	300	-
20 ¹⁾ / 2.5	20 / -	20 / -	-
2.5	-	-	-
28 - 12	28-12	28-12	-
solid	stranded	Ferrule	
Without / with plastic sleeve			
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5
0.5			
10	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
5.2	99.5	58	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
28	500 ²⁾	0.08 - 4	28 - 12
IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/EN 60079-7
-	-	-	-
-	- / -	-	-
2.5	-	-	-
28 - 12	28-12	28-12	-
solid	stranded	Ferrule	
Without / with plastic sleeve			
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5
0.5			
10	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
5.2	99.5	58	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
28	500 ²⁾	0.08 - 4	28 - 12
IEC			
IEC	UL/CUL	CSA	IEC/EN 60079-7
500 ²⁾	-	-	-
20 / 2.5	- / -	-	-
2.5	-	-	-
28 - 12	-	-	-
solid	stranded	Ferrule	
Without / with plastic sleeve			
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5
0.5			
10	PA	V0	

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
ST 2,5-3PV		3036068	50

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
ST 2,5-3PE		3036071	50

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
ST 2,5-3L-LA 24RD/O-M		3035580	50

Accessories			
Accessories	Order No.	I_{max}	Pcs. / Pkt.
D-ST 2,5-3L	3036660		50
ISH 2,5/0,2	3002843		50
ISH 2,5/0,5	3002856		50
ISH 2,5/1,0	3002869		50
FBS 2-5	3030161	20 A	50
FBS 3-5	3030174	20 A	50
FBS 4-5	3030187	20 A	50
FBS 5-5	3030190	20 A	50
FBS 10-5	3030213	20 A	10
FBS 20-5	3030226	20 A	10
PAI-4-N GY	3032871		10
PS-5	3030983		10
STP 5-3	0810562		100
WST 2,5	3030941		50
SZF 1-0,6X3,5	1204517		10

Accessories			
Accessories	Order No.	I_{max}	Pcs. / Pkt.
D-ST 2,5-3L	3036660		50
ISH 2,5/0,2	3002843		50
ISH 2,5/0,5	3002856		50
ISH 2,5/1,0	3002869		50
FBS 2-5	3030161	20 A	50
FBS 3-5	3030174	20 A	50
FBS 4-5	3030187	20 A	50
FBS 5-5	3030190	20 A	50
FBS 10-5	3030213	20 A	10
FBS 20-5	3030226	20 A	10
PAI-4-N GY	3032871		10
PS-5	3030983		10
STP 5-3	0810562		100
WST 2,5	3030941		50
SZF 1-0,6X3,5	1204517		10

Accessories			
Accessories	Order No.	I_{max}	Pcs. / Pkt.
D-ST 2,5-3L	3036660		50
ISH 2,5/0,2	3002843		50
ISH 2,5/0,5	3002856		50
ISH 2,5/1,0	3002869		50
FBS 2-5	3030161	20 A	50
FBS 3-5	3030174	20 A	50
FBS 4-5	3030187	20 A	50
FBS 5-5	3030190	20 A	50
FBS 10-5	3030213	20 A	10
FBS 20-5	3030226	20 A	10
PAI-4-N GY	3032871		10
PS-5	3030983		10
STP 5-3	0810562		100
WST 2,5	3030941		50
SZF 1-0,6X3,5	1204517		10

UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)

UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)

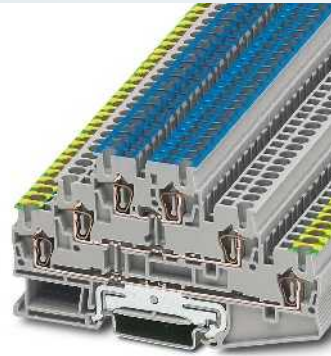
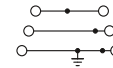
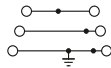
UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)

Modular terminal blocks - CLIPLINE complete

ST spring-cage connection terminal blocks

ST 2,5... three-level terminal blocks

– The color coding of the PE and N levels helps to produce clear and unambiguous potential distribution



2.5 (4) mm², 28 A, three-level terminal block with PE foot

2.5 (4) mm², 28 A, three-level terminal block with PE foot

Notes:
For current carrying capacity of DIN rails, see page 716.
1) The total current of all connected conductors must not exceed the max. load current.



Dimensions		[mm]
Max. electrical data		
Rated voltage	[V]	500
Nominal current / cross section	[A] / [mm ²]	24 / 2.5
Rated cross section	[mm ²]	2.5
Cross section range	AWG	28 - 12
Connection capacity		
1 conductor	[mm ²]	0.08 - 4
Two stranded conductors with a TWIN ferrule	[mm ²]	0.08 - 2.5
General data		
Stripping length	[mm]	10
Insulating material		PA
Inflammability class according to UL 94		V0

Technical data				
Width	Length	Height NS 35/7,5		
5.2	99.5	58		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG	
28	500	0.08 - 4	28 - 12	
IEC 60947-7-1 / IEC 60947-7-2				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
Rated voltage	[V]	300	-	
Nominal current / cross section	[A] / [mm ²]	20 / -	-	
Rated cross section	[mm ²]	-	-	
Cross section range	AWG	28-12	-	
Connection capacity				
		solid	stranded	
		Without / with plastic sleeve		
1 conductor	[mm ²]	0.08 - 4	0.08 - 2.5	0.14 - 2.5
Two stranded conductors with a TWIN ferrule	[mm ²]	0.5		
General data				
Stripping length	[mm]	10		
Insulating material		PA		
Inflammability class according to UL 94		V0		

Technical data				
Width	Length	Height NS 35/7,5		
5.2	99.5	58		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG	
28	500	0.08 - 4	28 - 12	
IEC 60947-7-1 / IEC 60947-7-2				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
Rated voltage	[V]	300	-	
Nominal current / cross section	[A] / [mm ²]	20 / -	-	
Rated cross section	[mm ²]	-	-	
Cross section range	AWG	28-12	-	
Connection capacity				
		solid	stranded	
		Without / with plastic sleeve		
1 conductor	[mm ²]	0.08 - 4	0.08 - 2.5	0.14 - 2.5
Two stranded conductors with a TWIN ferrule	[mm ²]	0.5		
General data				
Stripping length	[mm]	10		
Insulating material		PA		
Inflammability class according to UL 94		V0		

Description	No. of pos.	Color
Terminal block, for mounting on NS 35...		gray
Terminal block, with equipotential bonding between the levels, for mounting on NS 35...1)		gray

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
ST 2,5-PE/LN		3036084	50

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
ST 2,5-PE/L/L		3036097	50
ST 2,5-PE/2PV		3038833	50

Accessories		
Description	No. of pos.	Color
Cover, width 2.2 mm		gray
Insulation stop sleeve, cross section range:		
0.08 - 0.2 mm ²		white
0.25 - 0.5 mm ²		gray
0.75 - 1 mm ²		black
Plug-in bridge		
	2	red
	3	red
	4	red
	5	red
	10	red
	20	red
Test adapter, 4-mm test socket hole		gray
Test plug metal part, 2.3 mm Ø		
Insulating sleeve, for MPS metal part		red
Modular test plug, for the individual assembly of test plug strips		red
Three-compartment marker carrier, can be snapped into ST 2,5-3... and PT 2,5-3... three-level terminal blocks, can be labeled with UC-TMF 5 and ZBF 5 or ...TM 5 and ZB 5		gray
Warning cover, for actuation shafts, 5-pos.		yellow
Screwdriver		
UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)		

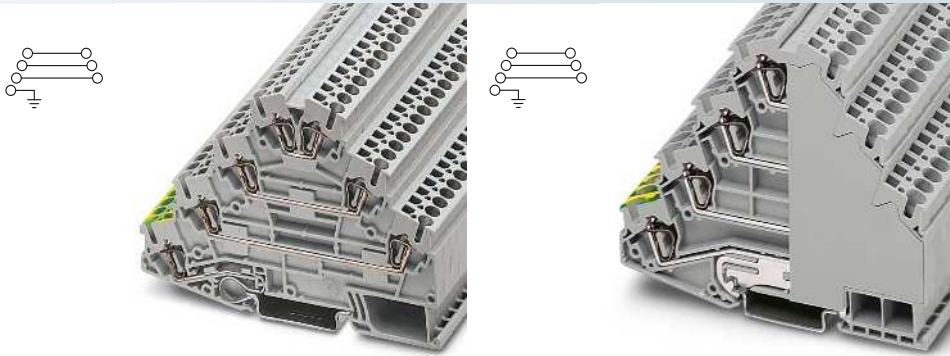
Accessories			
Description	No. of pos.	Color	
D-ST 2,5-3L			3036660 50
ISH 2,5/0,2			3002843 50
ISH 2,5/0,5			3002856 50
ISH 2,5/1,0			3002869 50
FBS 2-5	22 A		3030161 50
FBS 3-5	22 A		3030174 50
FBS 4-5	22 A		3030187 50
FBS 5-5	22 A		3030190 50
FBS 10-5	22 A		3030213 10
FBS 20-5	22 A		3030226 10
PAI-4-N GY			3032871 10
MPS-MT			0201744 10
MPS-IH RD			0201676 10
PS-5			3030983 10
STP 5-3			0810562 100
WST 2,5			3030941 50
SZF 1-0,6X3,5			1204517 10
UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)			

Accessories			
Description	No. of pos.	Color	
D-ST 2,5-3L			3036660 50
ISH 2,5/0,2			3002843 50
ISH 2,5/0,5			3002856 50
ISH 2,5/1,0			3002869 50
FBS 2-5	22 A		3030161 50
FBS 3-5	22 A		3030174 50
FBS 4-5	22 A		3030187 50
FBS 5-5	22 A		3030190 50
FBS 10-5	22 A		3030213 10
FBS 20-5	22 A		3030226 10
PAI-4-N GY			3032871 10
MPS-MT			0201744 10
MPS-IH RD			0201676 10
PS-5			3030983 10
STP 5-3			0810562 100
WST 2,5			3030941 50
SZF 1-0,6X3,5			1204517 10
UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)			

ST ...-PE/3L four-level terminal blocks with PE foot

- These four-level terminal blocks are particularly suitable for the compact wiring of three-phase loads
- Each terminal point can be labeled
- Testing facility for test plugs with 2.3 mm diameter

Notes:
For current carrying capacity of DIN rails, see page 716.



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

4 (6) mm², 32 A, four-level terminal block with PE foot



Dimensions		[mm]
Max. electrical data		
Rated data		
Rated voltage	[V]	800
Nominal current / cross section	[A] / [mm ²]	20 / 2.5
Rated cross section	[mm ²]	2.5
Cross section range	AWG	28 - 12
Connection capacity		
1 conductor	[mm ²]	0.08 - 4
Two stranded conductors with a TWIN ferrule	[mm ²]	0.08 - 2.5
General data		
Stripping length	[mm]	10
Insulating material		PA
Inflammability class according to UL 94		V0

Technical data				
Width	Length	Height NS 35/7,5		
5.2	98.5	73.5		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG	
26	800	0.08 - 4	28 - 12	
IEC 60947-7-1 / IEC 60947-7-2				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
Rated voltage	600	600	-	
Nominal current / cross section	20 / 2.5	20 / -	20 / -	
Rated cross section	-	-	-	
Cross section range	28 - 12	28-12	28-12	
Connection capacity				
	solid	stranded	Ferrule	
			Without / with plastic sleeve	
1 conductor	0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5
Two stranded conductors with a TWIN ferrule			0.5	
General data				
Stripping length	10			
Insulating material	PA			
Inflammability class according to UL 94	V0			

Technical data				
Width	Length	Height NS 35/7,5		
6.2	101	83.5		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG	
32	800	0.08 - 6	28 - 10	
IEC 60947-7-1 / IEC 60947-7-2				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
Rated voltage	600	600	-	
Nominal current / cross section	28 / 4	30 / -	30 / -	
Rated cross section	4	-	-	
Cross section range	28 - 10	28-10	28-10	
Connection capacity				
	solid	stranded	Ferrule	
			Without / with plastic sleeve	
1 conductor	0.08 - 6	0.08 - 4	0.14 - 4	0.14 - 4
Two stranded conductors with a TWIN ferrule			0.5 - 1	
General data				
Stripping length	10			
Insulating material	PA			
Inflammability class according to UL 94	V0			

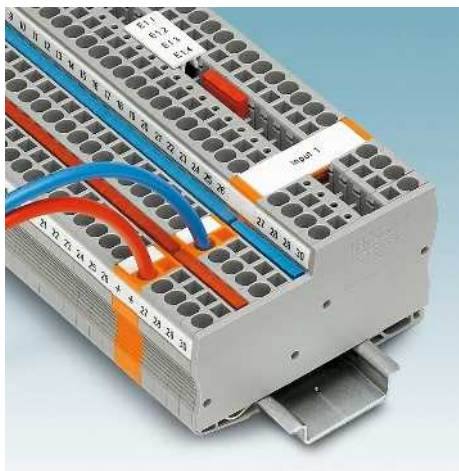
Description		Color
Terminal block , for mounting on NS 35...		gray
Cover , width 2.2 mm		gray
Test plug metal part , 2.3 mm Ø		
Insulating sleeve , for MPS metal part		red
Screwdriver		
Center groove labeling		
Center and lateral groove labeling		

Ordering data			
Type	Order No.	Pcs. / Pkt.	
ST 2,5-PE/3L	3036055	50	
Accessories			
D-ST 2,5-PE/3L	3036673	50	
MPS-MT	0201744	10	
MPS-IH RD	0201676	10	
SZF 1-0,6X3,5	1204517	10	
UC-TM 5, UCT-TM 5 or ZB 5 (see Catalog 5)			
UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)			

Ordering data			
Type	Order No.	Pcs. / Pkt.	
ST 4-PE/3L	3038338	50	
Accessories			
MPS-MT	0201744	10	
MPS-IH RD	0201676	10	
SZF 1-0,6X3,5	1204517	10	
UC-TM 6, UCT-TM 6 or ZB 6 (see Catalog 5)			
UC-TMF 6, UCT-TMF 6 or ZBF 6 (see Catalog 5)			

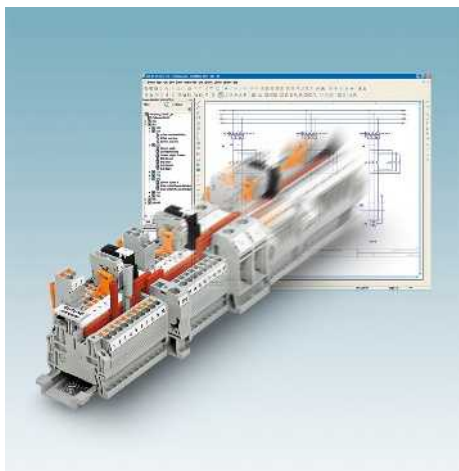
ST spring-cage connection terminal blocks

STIO 2,5/3 three-conductor initiator/actuator terminal block

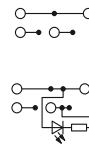


- For wiring three-conductor initiators and actuators in a space-saving and time-saving way
- The upper level is for signal wiring, whereas the two lower levels are for distributing the positive and negative potential
- Potential is supplied via STIO-IN power terminal blocks
- Power terminal blocks can be set at any desired point of the terminal strip for supply or extension
- Simple bridging and potential distribution using the patented plug-in bridges of the CLIPLINE complete system
- Three-conductor output terminal block of the same shape with PE connection in the lower level for wiring actuators
- Versions with light indicator for indicating the switching states

CLIP PROJECT Planning enables the quick and convenient planning and configuration of fault-free terminal strips.



Notes:
For current carrying capacity of DIN rails, see page 716.
For other color versions of the plug-in bridge, see page 473.
1) In the case of central power feed.



2.5 (4) mm², 18 A, three-conductor initiator terminal block



Dimensions	
	[mm]
Max. 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]
Two stranded conductors with a TWIN ferrule	[mm ²]
General data	
Stripping length	[mm]
Insulating material	
Inflammability class according to UL 94	

Description	No. of pos.	Color
Terminal block , for mounting on NS 35...		gray
	With red light indicator for 15-30 V DC, 1-2.5 mA, LED between the upper and the lower levels	gray
With green light indicator for 15-30 V DC, 1-2.5 mA, LED between the upper and the lower levels		gray
Terminal block , with PE connection, for mounting on NS 35...		gray
	With red light indicator for 15-30 V DC, 1-2.5 mA, LED between the upper and the lower levels	gray
With green light indicator for 15-30 V DC, 1-2.5 mA, LED between the upper and the lower levels		gray
Power terminal block		orange
Power terminal block with PE connection		orange

Cover , width 2.2 mm		gray	
Insulation stop sleeve , cross section range:	0.08 - 0.2 mm ²	white	
	0.25 - 0.5 mm ²	gray	
	0.75 - 1 mm ²	black	
Plug-in bridge			
		2	red
		3	red
		4	red
		5	red
		10	red
		20	red
	50	red	
Modular test plug , for the individual assembly of test plug strips		red	

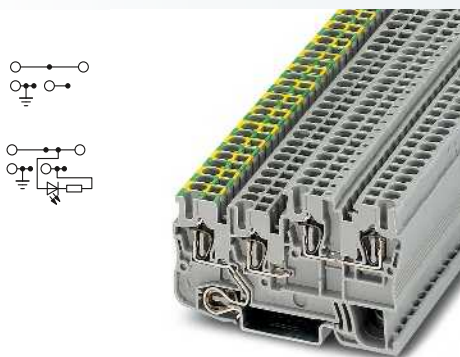
Center groove labeling
Center and lateral groove labeling

Technical data				
Width	Length	Height NS 35/7,5		
5.2	75	44.5		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG	
18	250	0.08 - 4	28 - 12	
IEC 60947-7-1				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
Rated voltage	300	-	-	
Nominal current / cross section	18 / 2.5	18 / -	-	
Rated cross section	2.5	-	-	
Cross section range	28 - 12	28-12	-	
Connection capacity		solid	stranded	Ferrule
		Without / with plastic sleeve		
1 conductor	0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5
Two stranded conductors with a TWIN ferrule				0.5
General data				
Stripping length	10			
Insulating material	PA			
Inflammability class according to UL 94	V0			

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
STIO 2,5/3-2B/L		3209015	50
STIO 2,5/3-2B/L-LA24RD/O-M		3209028	50
STIO 2,5/3-2B/L-LA24GN/O-M		3209031	50

Accessories			
D-STIO 2,5/3		3209112	50
ISH 2,5/0,2		3002843	50
ISH 2,5/0,5		3002856	50
ISH 2,5/1,0		3002869	50
FBS 2-5	20 A	3030161	50
FBS 3-5	20 A	3030174	50
FBS 4-5	20 A	3030187	50
FBS 5-5	20 A	3030190	50
FBS 10-5	20 A	3030213	10
FBS 20-5	20 A	3030226	10
FBS 50-5	20 A	3038930	10
PS-5		3030983	10

UC-TM 5, UCT-TM 5 or ZB 5 (see Catalog 5)
UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)



2.5 (4) mm², 18 A, three-wire actuator terminal block with PE foot



2.5 (4) mm², 30 A, power terminal block



2.5 (4) mm², 30 A, power terminal block with PE foot



Technical data			
Width	Length	Height NS 35/7,5	
5.2	75	44.5	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
18	250	0.08 - 4	28 - 12
IEC 60947-7-1 / IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/EN 60079-7
250	300	-	-
18 / 2.5	18 / -	-	-
2.5	-	-	-
28 - 12	28-12	-	-
solid	stranded	Ferrule	
Without / with plastic sleeve			
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5
0.5			
10	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
10.4	75	44.5	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
30 ¹⁾	250	0.08 - 4	28 - 12
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
250	300	-	-
18 / 2.5	20 / -	-	-
2.5	-	-	-
28 - 12	28-12	-	-
solid	stranded	Ferrule	
Without / with plastic sleeve			
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5
0.5			
10	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
10.4	75	44.5	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
30 ¹⁾	250	0.08 - 4	28 - 12
IEC 60947-7-1 / IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/EN 60079-7
250	300	-	-
18 / 2.5	20 / -	-	-
2.5	-	-	-
28 - 12	28-12	-	-
solid	stranded	Ferrule	
Without / with plastic sleeve			
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5
0.5			
10	PA	V0	

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
STIO 2,5/3-PE/B/L		3209044	50
STIO 2,5/3-PE/B/L-LA24RD/O-M		3209138	50
STIO 2,5/3-PE/B/L-LA24GN/O-M		3209141	50
STIO-IN 2,5/3 OG		3209196	25

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
STIO-IN 2,5/3 OG		3209196	25

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
STIO-IN 2,5/3-PE OG		3209086	25

Accessories			
D-STIO 2,5/3		3209112	50
ISH 2,5/0,2		3002843	50
ISH 2,5/0,5		3002856	50
ISH 2,5/1,0		3002869	50
FBS 2-5	20 A	3030161	50
FBS 3-5	20 A	3030174	50
FBS 4-5	20 A	3030187	50
FBS 5-5	20 A	3030190	50
FBS 10-5	20 A	3030213	10
FBS 20-5	20 A	3030226	10
FBS 50-5	20 A	3038930	10
PS-5		3030983	10

Accessories			
ISH 2,5/0,2		3002843	50
ISH 2,5/0,5		3002856	50
ISH 2,5/1,0		3002869	50
FBS 2-5	20 A	3030161	50
FBS 3-5	20 A	3030174	50
FBS 4-5	20 A	3030187	50
FBS 5-5	20 A	3030190	50
FBS 10-5	20 A	3030213	10
FBS 20-5	20 A	3030226	10
FBS 50-5	20 A	3038930	10
PS-5		3030983	10

Accessories			
ISH 2,5/0,2		3002843	50
ISH 2,5/0,5		3002856	50
ISH 2,5/1,0		3002869	50
FBS 2-5	20 A	3030161	50
FBS 3-5	20 A	3030174	50
FBS 4-5	20 A	3030187	50
FBS 5-5	20 A	3030190	50
FBS 10-5	20 A	3030213	10
FBS 20-5	20 A	3030226	10
FBS 50-5	20 A	3038930	10
PS-5		3030983	10

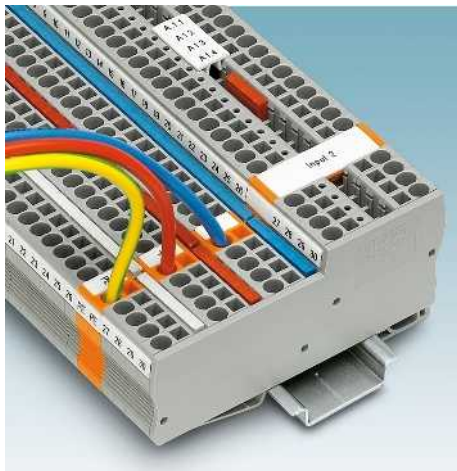
UC-TM 5, UCT-TM 5 or ZB 5
(see Catalog 5)
UC-TMF 5, UCT-TMF 5 or ZBF 5
(see Catalog 5)

UC-TM 5, UCT-TM 5 or ZB 5
(see Catalog 5)
UC-TMF 5, UCT-TMF 5 or ZBF 5
(see Catalog 5)

UC-TM 5, UCT-TM 5 or ZB 5
(see Catalog 5)
UC-TMF 5, UCT-TMF 5 or ZBF 5
(see Catalog 5)

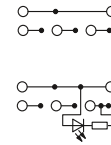
ST spring-cage connection terminal blocks

STIO 2,5/4... four-conductor initiator/actuator terminal block



- For wiring four-conductor initiators and actuators in a space-saving and time-saving way
- Upper level for signal wiring
- Additional protective conductor connection in lower level next to voltage levels
- Direct contacting on the DIN rail, visually clear labeling of PE terminal point
- Positive, negative or PE supply via STIO-IN power terminal blocks
- Lateral or central supply, existing structures can be extended later
- Lateral potential distribution by means of FBS ... plug-in bridges from the CLIPLINE complete system, individual terminal points can be jumped by releasing contact pins
- Versions with light indicator for indicating the switching states

Notes:
For current carrying capacity of DIN rails, see page 716.
For other color versions of the plug-in bridge, see page 473.
1) In the case of central power feed.



2.5 (4) mm², 18 A, four-conductor initiator terminal block



Dimensions	
	[mm]
Max. 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]
Two stranded conductors with a TWIN ferrule	[mm ²]
General data	
Stripping length	[mm]
Insulating material	
Inflammability class according to UL 94	

Technical data				
Width	Length	Height NS 35/7,5		
5.2	92.3	44.5		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG	
18	250	0.08 - 4	28 - 12	
IEC 60947-7-1				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
250	300	-	-	
18 / 2.5	18 / -	-	-	
2.5	-	-	-	
28 - 12	28-12	-	-	
solid		stranded		
		Ferrule		
		Without / with plastic sleeve		
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5	
		0.5		
10	PA	V0		

Description	No. of pos.	Color
Terminal block , for mounting on NS 35...		gray
	With red light indicator for 15-30 V DC, 1-2.5 mA, LED between the upper and the lower levels	gray
With green light indicator for 15-30 V DC, 1-2.5 mA, LED between the upper and the lower levels		gray
Terminal block , with PE connection, for mounting on NS 35...		gray
With red light indicator for 15-30 V DC, 1-2.5 mA, LED between the upper and the lower levels		gray
With green light indicator for 15-30 V DC, 1-2.5 mA, LED between the upper and the lower levels		gray
Power terminal block		orange
Power terminal block with PE connection		orange

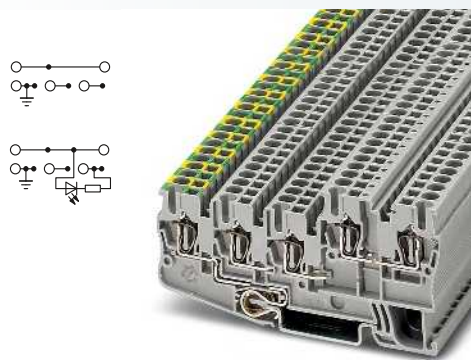
Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
STIO 2,5/4-3B/L		3209057	50
STIO 2,5/4-3B/L-LA24RD/O-M		3209154	50
STIO 2,5/4-3B/L-LA24GN/O-M		3209167	50

Cover , width 2.2 mm		gray
Insulation stop sleeve , cross section range:		
0.08 - 0.2 mm ²		white
0.25 - 0.5 mm ²		gray
0.75 - 1 mm ²		black
Plug-in bridge		
	2	red
	3	red
	4	red
	5	red
	10	red
	20	red
	50	red
Modular test plug , for the individual assembly of test plug strips		red

Accessories			
D-STIO 2,5/4		3209125	50
ISH 2,5/0,2		3002843	50
ISH 2,5/0,5		3002856	50
ISH 2,5/1,0		3002869	50
FBS 2-5	20 A	3030161	50
FBS 3-5	20 A	3030174	50
FBS 4-5	20 A	3030187	50
FBS 5-5	20 A	3030190	50
FBS 10-5	20 A	3030213	10
FBS 20-5	20 A	3030226	10
FBS 50-5	20 A	3038930	10
PS-5		3030983	10

Center groove labeling
Center and lateral groove labeling

UC-TM 5, UCT-TM 5 or ZB 5 (see Catalog 5)
UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)



2.5 (4) mm², 18 A, four-wire actuator terminal block with PE foot



2.5 (4) mm², 30 A, power terminal block



2.5 (4) mm², 30 A, power terminal block with PE foot



Technical data			
Width	Length	Height NS 35/7,5	
5.2	92.3	44.5	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
18	250	0.08 - 4	28 - 12
IEC 60947-7-1 / IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/EN 60079-7
250	300	-	-
18 / 2.5	18 / -	-	-
2.5	-	-	-
28 - 12	28-12	-	-
solid	stranded	Ferrule	
Without / with plastic sleeve			
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5
0.5			
10	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
10.4	92.3	44.5	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
30 ¹⁾	250	0.08 - 4	28 - 12
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
250	300	-	-
18 / 2.5	20 / -	-	-
2.5	-	-	-
28 - 12	28-12	-	-
solid	stranded	Ferrule	
Without / with plastic sleeve			
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5
0.5			
10	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
10.4	92.3	44.5	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
30 ¹⁾	250	0.08 - 4	28 - 12
IEC 60947-7-1 / IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/EN 60079-7
250	300	-	-
18 / 2.5	20 / -	-	-
2.5	-	-	-
28 - 12	28-12	-	-
solid	stranded	Ferrule	
Without / with plastic sleeve			
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5
0.5			
10	PA	V0	

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
STIO 2,5/4-PE/2B/L		3209060	50
STIO 2,5/4-PE/2B/L-LA24RD/O-M		3209170	50
STIO 2,5/4-PE/2B/L-LA24GN/O-M		3209183	50
STIO-IN 2,5/4 OG		3209206	25

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
STIO-IN 2,5/4 OG		3209206	25

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
STIO-IN 2,5/4-PE OG		3209109	25

Accessories			
D-STIO 2,5/4		3209125	50
ISH 2,5/0,2		3002843	50
ISH 2,5/0,5		3002856	50
ISH 2,5/1,0		3002869	50
FBS 2-5	20 A	3030161	50
FBS 3-5	20 A	3030174	50
FBS 4-5	20 A	3030187	50
FBS 5-5	20 A	3030190	50
FBS 10-5	20 A	3030213	10
FBS 20-5	20 A	3030226	10
FBS 50-5	20 A	3038930	10
PS-5		3030983	10

Accessories			
ISH 2,5/0,2		3002843	50
ISH 2,5/0,5		3002856	50
ISH 2,5/1,0		3002869	50
FBS 2-5	20 A	3030161	50
FBS 3-5	20 A	3030174	50
FBS 4-5	20 A	3030187	50
FBS 5-5	20 A	3030190	50
FBS 10-5	20 A	3030213	10
FBS 20-5	20 A	3030226	10
FBS 50-5	20 A	3038930	10
PS-5		3030983	10

Accessories			
ISH 2,5/0,2		3002843	50
ISH 2,5/0,5		3002856	50
ISH 2,5/1,0		3002869	50
FBS 2-5	20 A	3030161	50
FBS 3-5	20 A	3030174	50
FBS 4-5	20 A	3030187	50
FBS 5-5	20 A	3030190	50
FBS 10-5	20 A	3030213	10
FBS 20-5	20 A	3030226	10
FBS 50-5	20 A	3038930	10
PS-5		3030983	10

UC-TM 5, UCT-TM 5 or ZB 5
(see Catalog 5)
UC-TMF 5, UCT-TMF 5 or ZBF 5
(see Catalog 5)

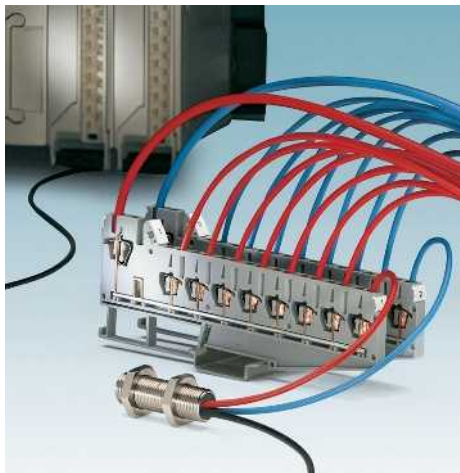
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(see Catalog 5)
UC-TMF 5, UCT-TMF 5 or ZBF 5
(see Catalog 5)

UC-TM 5, UCT-TM 5 or ZB 5
(see Catalog 5)
UC-TMF 5, UCT-TMF 5 or ZBF 5
(see Catalog 5)

Modular terminal blocks - CLIPLINE complete

ST spring-cage connection terminal blocks

ZPV 1,5/2,5 (8/1) potential distributor



- Actuators and active initiators are supplied with operating voltage in a clear and easy way
- The operating voltage is supplied via a 2.5 mm² spring-cage connection and distributed using eight 1.5 mm² connections
- They are mainly used in small switch cabinets with compact controllers

Notes:
1) Power supply

○●○○○○○○○○



2.5 (4) mm², 24 A, potential distributor terminal block, 8 x 1.5 mm² outlets



Dimensions	
	[mm]
Max. electrical data	
Rated data, feed	
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]
Rated data, distribution	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Rated cross section	[mm ²]
Cross section range	AWG
Distribution connection capacity	
1 conductor	[mm ²]
General data	
Stripping length	[mm]
Insulating material	
Inflammability class according to UL 94	

Technical data				
Width	Length	Height NS 35/7,5		
5.2	141	51		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG	
24 ¹⁾	500	0.14 - 4	24 - 12	
IEC 60947-7-1				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
Rated voltage	300	-	-	
Nominal current / cross section	24 / 2.5	15 / -	-	
Rated cross section	2.5	-	-	
Cross section range	24 - 12	24-10	-	
solid		stranded		Ferrule
		Without / with plastic sleeve		
0.2 - 4	0.14 - 2.5	0.14 - 2.5	0.14 - 2.5	
IEC	UL/CUL	CSA	IEC/EN 60079-7	
Rated voltage	300	-	-	
Nominal current / cross section	17.5 / 1.5	15 / -	-	
Rated cross section	2.5	-	-	
Cross section range	26 - 16	-	-	
solid		stranded		Ferrule
		Without / with plastic sleeve		
0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5	
PA				
V0				

Description	No. of pos.	Color
Potential distributor, for mounting on NS 35...		gray

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
ZPV 1,5/2,5 (8/1)		3031047	50

Cover, width 2 mm		gray
Insulation stop sleeve, cross section range:		
0.08 - 0.2 mm ²		white
0.25 - 0.5 mm ²		gray
Plug-in bridge		
	2	red
	3	red
	4	red
	5	red
	10	red
	20	red
Screwdriver		

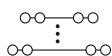
Accessories			
D-ZPV 1,5/2,5 (8/1)		Order No.	Pcs. / Pkt.
		3031050	25
ISH 1,5/0,2		3206131	50
ISH 1,5/0,5		3031034	50
FBS 2-5	24 A	3030161	50
FBS 3-5	24 A	3030174	50
FBS 4-5	24 A	3030187	50
FBS 5-5	24 A	3030190	50
FBS 10-5	24 A	3030213	10
FBS 20-5	24 A	3030226	10
SZF 1-0,6X3,5		1204517	10

Center groove labeling
Center and lateral groove labeling

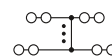
UC-TM 5, UCT-TM 5 or ZB 5 (see Catalog 5)
UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)

ZRV 8 ... marshalling distributors

- The spring-cage marshalling distributors offer the highest possible wiring density in restricted spaces
- The double connection allows 4 conductors to make contact with one potential, whereby 8 potentials are transferred with one terminal block
- The associated PV terminal block can be used to implement potential distributions with up to 32 connections



1 (1.5) mm², 10 A, potential distributor terminal block, 8 levels



1 (1.5) mm², 17.5 A, potential distributor terminal block, 8 internally connected levels



Technical data				
Width	Length	Height NS 35/7,5		
7.62	225	82		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG	
10	250	0.14 - 1.5	26 - 14	
IEC 60947-7-1				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
Rated voltage [V]	250	-	-	-
Nominal current / cross section [A] / [mm ²]	10 / 1	- / -	-	-
Rated cross section [mm ²]	1	-	-	-
Cross section range AWG	26 - 14	-	-	-
Connection capacity	solid	stranded	Ferrule	
			Without / with plastic sleeve	
1 conductor [mm ²]	0.14 - 1.5	0.14 - 1	0.14 - 0.75	0.14 - 0.75
General data				
Stripping length [mm]	8			
Insulating material	PA			
Inflammability class according to UL 94	V0			



Technical data				
Width	Length	Height NS 35/7,5		
7.62	225	82		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG	
17.5	250	0.14 - 1.5	26 - 14	
IEC 60947-7-1				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
Rated voltage [V]	250	-	-	-
Nominal current / cross section [A] / [mm ²]	17.5 / 1	- / -	-	-
Rated cross section [mm ²]	1	-	-	-
Cross section range AWG	26 - 14	-	-	-
Connection capacity	solid	stranded	Ferrule	
			Without / with plastic sleeve	
1 conductor [mm ²]	0.14 - 1.5	0.14 - 1	0.14 - 0.75	0.14 - 0.75
General data				
Stripping length [mm]	8			
Insulating material	PA			
Inflammability class according to UL 94	V0			

Dimensions	
	[mm]
Max. electrical data	
Rated data	
Rated voltage [V]	250
Nominal current / cross section [A] / [mm ²]	10 / 1
Rated cross section [mm ²]	1
Cross section range AWG	26 - 14
Connection capacity	
1 conductor [mm ²]	0.14 - 1.5
General data	
Stripping length [mm]	8
Insulating material	PA
Inflammability class according to UL 94	V0

Description	Color
Marshalling distributor, for mounting on NS 35...	gray
Marshalling distributor, with equipotential bonding between the levels, for mounting on NS 35...	blue
	gray
	blue

Ordering data			
Type	Order No.	Pcs. / Pkt.	
ZRV 8	3025956	10	
ZRV 8 BU	3029318	10	

Connection element, 7.62 mm wide, can be labeled on each level with ZB 7,62	gray
	blue
Loop bridge, 50-pos., divisible, max. bridging distance 60 mm, 0.5 mm ²	blue
	black
	gray
Clamp set, for holding together RV blocks, for 80 marshalling distributors	
Screwdriver	
Center groove labeling	

Accessories			
D-ZRV 8	3024766	10	
D-ZRV 8 BU	3029334	10	
DB 50- 90 BU	2821180	1	
DB 50- 90 BK	2820916	1	
DB 50- 90 GY	2820929	1	
RV 8-SPSA	3193011	1	
SZF 0-0,4X2,5	1204504	10	
ZB 7,62 (see Catalog 5)			

Ordering data			
Type	Order No.	Pcs. / Pkt.	
ZRV 8-PV	3026007	10	
ZRV 8-PV BU	3029321	10	

Accessories			
D-ZRV 8	3024766	10	
D-ZRV 8 BU	3029334	10	
RV 8-SPSA	3193011	1	
SZF 0-0,4X2,5	1204504	10	
ZB 7,62 (see Catalog 5)			

ST spring-cage connection terminal blocks

ST ...-HESI/-HEDI lever-type fuse and disconnect terminal blocks



The lever-type fuse terminal blocks are characterized by:

- An extremely compact design
- Two function shafts mean that all potential distribution tasks can be undertaken at speed
- For example, jumping bridging can be used to route two separate potentials side by side
- Test connection on both sides in safety lever
- Versions with light indicator for indicating that a fuse has blown round off the range



The lever-type disconnect terminal block has the same shape and pitch as the 5 x 20 mm lever-type fuse terminal blocks and enables:

- A design to suit the function
- Continuous labeling of terminal points
- The dual function shaft allows two potentials running in parallel to be jumped separately
- Time-saving way of setting up potential in-feed

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 light indicator. Observe max. power dissipation.
3) The reducing bridge table should be followed, see page 476.
4) The current is determined by the fuse used, the voltage by the selected light indicator. Observe the maximum power dissipation, see www.phoenixcontact.net/products .

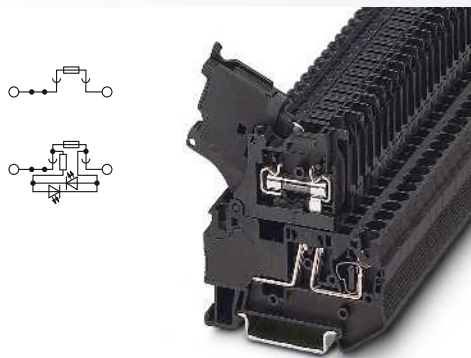
Dimensions		
		[mm]
Max. electrical data		
Rated data		
Rated voltage		[V]
Nominal current / cross section		[A] / [mm ²]
Rated cross section		[mm ²]
Cross section range		AWG
Connection capacity		
1 conductor		[mm ²]
Two stranded conductors with a TWIN ferrule		[mm ²]
General data		
Fuse type / dimensions		- / [mm]
Stripping length		[mm]
Insulating material		
Inflammability class according to UL 94		

Description	No. of pos.	Color
Fuse terminal block , for mounting on NS 35..., for cartridge fuse inserts 5 x 20 mm		black
With LED for 12-30 V AC/DC, 0.31-0.95 mA ¹⁾		black
With LED for 30-60 V AC/DC, 0.40-0.86 mA ¹⁾		black
With LED for 110-250 V AC/DC, 0.41-0.96 mA ¹⁾		black
Fuse terminal block , for mounting on NS 35..., for cartridge fuse inserts 6.3 x 32 mm		black
With LED for 12-30 V AC/DC, 0.31-0.95 mA ¹⁾		black
With LED for 110-250 V AC/DC, 0.41-0.96 mA ¹⁾		black
Disconnect terminal block , same shape as ST 4-HESI (5 x 20)		black/orange

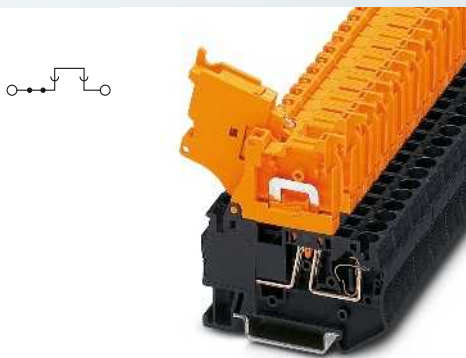
Plug-in bridge		
	2	red
	3	red
	4	red
	5	red
	10	red
	20	red

Reducing bridge ³⁾		
	2	red
Partition plate , 2 mm width		gray
Connection pin , for coupling several fuse terminal blocks, made of plastic, 1 m long		gray

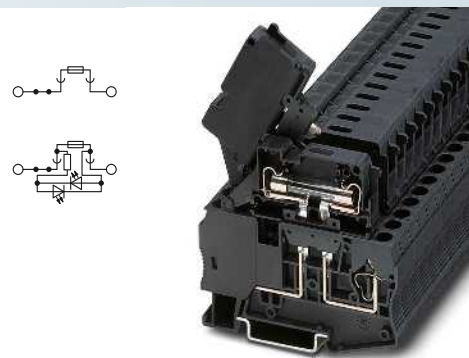
Screwdriver	
Lever labeling	
Lateral groove labeling	



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



4 (6) mm², 20 A, lever-type disconnect terminal block, same shape



4 (6) 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	
6.2	61.5	62.5	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
6.3 ^{*)}	500 ^{*)}	0.08 - 6	28 - 10
IEC 60947-7-3			
IEC	UL/CUL	CSA	IEC/EN 60079-7
500 ^{*)}	300	300	-
6.3 ^{*)} / 1	10 / -	6.3 / -	-
4	-	-	-
28 - 10	28-10	28-10	-
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.08 - 6	0.08 - 4	0.14 - 4	0.14 - 4 0.5 - 1
G / 5 x 20			
10			
PA			
V0			

Technical data			
Width	Length	Height NS 35/7,5	
6.2	61.5	62.5	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
20	500	0.08 - 6	28 - 10
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
500	-	-	-
20 / 2.5	- / -	-	-
4	-	-	-
28 - 10	-	-	-
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.08 - 6	0.08 - 4	0.14 - 4	0.14 - 4 0.5 - 1
-			
10			
PA			
V0			

Technical data			
Width	Length	Height NS 35/7,5	
8.2	76.5	69	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
10 ^{*)}	500 ^{*)}	0.08 - 6	28 - 10
IEC 60947-7-3			
IEC	UL/CUL	CSA	IEC/EN 60079-7
500 ^{*)}	300	300	-
10 ^{*)} / 1.5	15 / -	10 / -	-
4	-	-	-
28 - 10	28-10	28-10	-
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.08 - 6	0.08 - 4	0.14 - 4	0.14 - 4 0.5 - 1
G / 6,3 x 32			
10			
PA			
V0			

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
ST 4-HESI (5X20)		3036369	50
ST 4-HESILED 24 (5X20)		3036547	50
ST 4-HESILED 60 (5X20)		3036550	50
ST 4-HESILA 250 (5X20)		3036563	50
ST 4-HEDI		3035140	50

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
ST 4-HESI (6,3X32)		3036385	50
ST 4-HESILED 24 (6,3X32)		3038765	50
ST 4-HESILA 250 (6,3X32)		3038778	50
ST 4-HEDI		3035140	50

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
ST 4-HESI (6,3X32)		3036385	50
ST 4-HESILED 24 (6,3X32)		3038765	50
ST 4-HESILA 250 (6,3X32)		3038778	50
ST 4-HEDI		3035140	50

Accessories			
FBS 2-6	32 A	3030336	50
FBS 3-6	32 A	3030242	50
FBS 4-6	32 A	3030255	50
FBS 5-6	32 A	3030349	50
FBS 10-6	32 A	3030271	10
FBS 20-6	32 A	3030365	10
RB ST (2,5/4)-1,5		3038943	10
ATP-ST 4		3030721	50
VS		3004207	1
SZF 1-0,6X3,5		1204517	10

Accessories			
FBS 2-6	32 A	3030336	50
FBS 3-6	32 A	3030242	50
FBS 4-6	32 A	3030255	50
FBS 5-6	32 A	3030349	50
FBS 10-6	32 A	3030271	10
FBS 20-6	32 A	3030365	10
RB ST (2,5/4)-1,5		3038943	10
ATP-ST 4		3030721	50
VS		3004207	1
SZF 1-0,6X3,5		1204517	10

Accessories			
FBS 2-8	32 A	3030284	10
FBS 3-8	32 A	3030297	10
FBS 4-8	32 A	3030307	10
FBS 5-8	32 A	3030310	10
FBS 10-8	32 A	3030323	10
RB ST 6-(2,5/4)		3030860	10
ATP-QTC TWIN		3206212	50
VS		3004207	1
SZF 1-0,6X3,5		1204517	10

UC-TM 5, UCT-TM 5 or ZB 5
(see Catalog 5)
UC-TMF 6, UCT-TMF 6 or ZBF 6
(see Catalog 5)

UC-TM 5, UCT-TM 5 or ZB 5
(see Catalog 5)

UC-TM 6, UCT-TM 6 or ZB 6
(see Catalog 5)
UC-TMF 8, UCT-TMF 8 or ZBF 8
(see Catalog 5)

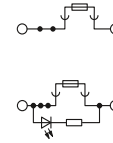
ST spring-cage connection terminal blocks

ST 4-FSI/C... fuse terminal blocks for auto flat-type fuses



- The ST 4-FSI/C fuse terminal block accommodates flat-type fuses according to ISO/DIS 8820/DIN 72581-3 or the TCP .../DC32V thermal miniature circuit breaker as the fuse element; see Catalog 6
- Versions with light indicator for indicating that a fuse has blown

Notes:
The recommended continuous load capacity of auto fuse inserts according to DIN 72581/Part 3 is a maximum of 80% of their nominal current (at an ambient temperature of 23°C).
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 light indicator.
3) For derating curve, visit www.phoenixcontact.net/products



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



Dimensions	
	[mm]
Max. 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]
Two stranded conductors with a TWIN ferrule	[mm ²]
General data	
Fuse type / dimensions	- / [mm]
Stripping length	[mm]
Insulating material	
Inflammability class according to UL 94	

Technical data			
Width	Length	Height NS 35/7,5	
8.2	86.5	43.5	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG
30 ²	400 ²	0.08 - 6	28 - 10
IEC	UL/CUL	CSA	IEC/EN 60079-7
400 ²	300	300	-
30 ² / 4	30 / -	10 / -	-
4	-	-	-
28 - 10	28-10	28-10	-
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.08 - 6	0.08 - 4	0.14 - 4	0.14 - 4
			0.5 - 1
C			
10			
PA			
V0			

Description	No. of pos.	Color
Fuse terminal block, with spring-cage connection, for mounting on NS 35...		black
Fuse terminal block, with light indicator for 12 V DC, 1.7 mA ¹⁾		black
With light indicator for 24 V DC, 1.9 mA ¹⁾		black

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
ST 4-FSI/C		3036372	50
ST 4-FSI/C-LED 12		3036495	50
ST 4-FSI/C-LED 24		3036505	50

Insulation stop sleeve, cross section range:		
0.25 - 0.5 mm ²		gray
0.75 - 1 mm ²		black
Plug-in bridge		
	2	red
	3	red
	4	red
	5	red
	10	red
Test adapter, 4-mm test socket hole		
		gray
Test plug metal part, 2.3 mm Ø		
Insulating sleeve, for MPS metal part		
		red
Modular test plug, for the individual assembly of test plug strips		
		red

Accessories			
ISH 4/0,5		3002885	50
ISH 4/1,0		3002898	50
FBS 2-8	41 A	3030284	10
FBS 3-8	41 A	3030297	10
FBS 4-8	41 A	3030307	10
FBS 5-8	41 A	3030310	10
FBS 10-8	41 A	3030323	10
PAI-4-N GY		3032871	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-8		3031005	10
SZF 1-0,6X3,5		1204517	10



Screwdriver
SZF 1-0,6X3,5

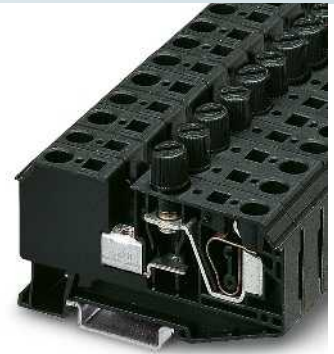
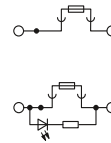
Center groove labeling
UC-TM 8, UCT-TM 8 or ZB 8 (see Catalog 5)
Center and lateral groove labeling
UC-TMF 8, UCT-TMF 8 or ZBF 8 (see Catalog 5)

ZFK 6 ... fuse terminal blocks with screw cap



- For standardized 5 x 20 mm and 6.3 x 32 mm fuse formats, the ZFK 6-DREHSI ... should be used
- With fuse screw cap
- Versions with light indicator for indicating that a fuse has blown

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 selected light indicator. Observe the maximum power dissipation, see www.phoenixcontact.net/products .



6 (10) mm², 10 A, fuse terminal block for cartridge fuses



Dimensions	
	[mm]
Max. 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]
Two stranded conductors with a TWIN ferrule	[mm ²]
General data	
Fuse type / dimensions	- / [mm]
Stripping length	[mm]
Insulating material	
Inflammability class according to UL 94	

Technical data				
Width	Length	Height NS 35/7,5		
12	86.5	56.5		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG	
10 ²	800 ²	0.5 - 10	20 - 8	
IEC 60947-7-3				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
800 ²	600	-	-	
10 ² / 1.5	20 / -	-	-	
6	-	-	-	
20 - 8	20-8	-	-	
solid		stranded		Ferrule
				Without / with plastic sleeve
0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 6	
G / 5 x 20				
12				
PA				
V0				

Description	No. of pos.	Color
Fuse terminal block , for mounting on NS 35..., for cartridge fuse inserts 5 x 20 mm		black
For cartridge fuse inserts 6.3 x 32 mm		black
Fuse terminal block , for mounting on NS 35..., for 5 x 25 mm cartridge fuse inserts, with indicating pin		black
Fuse terminal block , for mounting on NS 35..., for cartridge fuse inserts 5 x 20 mm, with light indicator for 12 - 30 V DC, 0.7 - 2.4 mA ¹⁾		black
For cartridge fuse inserts 6.3 x 32 mm		black
Fuse terminal block , for mounting on NS 35..., for 5 x 20 mm cartridge fuse inserts, with light indicator for 110 - 250 V AC/DC, 0.2 - 0.9 mA ¹⁾		black
For cartridge fuse inserts 6.3 x 32 mm		black

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
ZFK 6-DREHSI (5X20)		3025040	25
ZFK 6-DREHSI (6,3X32)		3025273	25
ZFK 6-DREHSI/K (5X25)		3029457	25
ZFK 6-DREHSILED 24 (5X20)		3025600	25
ZFK 6-DREHSILED 24 (6,3X32)		3025587	25
ZFK 6-DREHSILA 250 (5X20)		3025590	25
ZFK 6-DREHSILA 250 (6,3X32)		3025574	25

Fixed bridge , insulated	10	silver
Test plug metal part , 2.3 mm Ø		
Insulating sleeve , for MPS metal part		red
Screwdriver		

Accessories			
Type	I _{max}	Order No.	Pcs. / Pkt.
FBI 10-12	57 A	0203454	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
SZF 2-0,8X4,0		1204520	10

Center and lateral groove labeling

UC-TMF 12, UCT-TMF 12 or ZBF 12 (see Catalog 5)

Modular terminal blocks - CLIPLINE complete

ST spring-cage connection terminal blocks

ST ...-TG disconnect terminal blocks for accommodating function plugs

– For corresponding function plugs, see page 480

Notes:
1) The total current of all connected conductors must not exceed the max. load current.
2) If the fuse is faulty, the downstream circuit is not off load.
3) Observe max. load current.
4) Observe max. load current, depending on the power dissipation of the components. Max. 0.5 W with single arrangement.
5) For max. power dissipation, see page 724.
6) Current and voltage are determined by the plug used.
7) Lower level.



2.5 (4) mm², 20 A, disconnect terminal block



2.5 (4) mm², 20 A, disconnect terminal block, 3 connections



Dimensions		[mm]
Max. electrical data		
Rated data		
Rated voltage	[V]	400 ⁶⁾
Nominal current / cross section	[A] / [mm ²]	20 ⁶⁾ / 2.5
Rated cross section	[mm ²]	2.5
Cross section range	AWG	28 - 12
Connection capacity		
1 conductor	[mm ²]	0.08 - 4
Two stranded conductors with a TWIN ferrule	[mm ²]	0.08 - 2.5
General data		
Stripping length	[mm]	10
Insulating material		PA
Inflammability class according to UL 94		V0

Technical data				
Width	Length	Height NS 35/7,5		
5.2	60.5	36.5		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG	
20 ⁶⁾	400 ⁶⁾	0.08 - 4	28 - 12	
IEC 60947-7-1				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
Rated voltage	300	300	-	
Nominal current / cross section	16 / -	16 / -	-	
Rated cross section	-	-	-	
Cross section range	28-12	28-12	-	
Connection capacity				
solid		stranded		Ferrule
				Without / with plastic sleeve
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5	
0.5				
10				
PA				
V0				

Technical data				
Width	Length	Height NS 35/7,5		
5.2	72	36.5		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG	
20 ⁶⁾	400 ⁶⁾	0.08 - 4	28 - 12	
IEC 60947-7-1				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
Rated voltage	300	300	-	
Nominal current / cross section	16 / -	16 / -	-	
Rated cross section	-	-	-	
Cross section range	28-12	28-12	-	
Connection capacity				
solid		stranded		Ferrule
				Without / with plastic sleeve
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5	
0.5				
10				
PA				
V0				

Description	No. of pos.	Color
Basic terminal block , for mounting on NS 35...		gray

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
ST 2,5-TG		3038435	50

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
ST 2,5-TWIN-TG		3038448	50

Cover , width 2.2 mm	gray
Cover , 0.8 mm width	orange
End cover segment , for covering multi-conductor terminal blocks when two-conductor terminal blocks are aligned	gray
Plug-in bridge	
	2 red
	3 red
	4 red
	5 red
	10 red
	20 red
Partition plate , 2 mm width	gray
Test adapter , 4-mm test socket hole	gray
Test plug metal part , 2.3 mm Ø	
Insulating sleeve , for MPS metal part	red
Modular test plug , for the individual assembly of test plug strips	red

Accessories			
D-ST 2,5-TWIN		3030488	50
D-ST 2,5-TWIN-0,8 OG		3030512	50
DS-ST 2,5		3036602	10
FBS 2-5	24 A	3030161	50
FBS 3-5	24 A	3030174	50
FBS 4-5	24 A	3030187	50
FBS 5-5	24 A	3030190	50
FBS 10-5	24 A	3030213	10
FBS 20-5	24 A	3030226	10
ATP-ST-TWIN		3030789	50
PAI-4-N GY		3032871	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-5		3030983	10

Accessories			
D-ST 2,5-QUATTRO		3030514	50
D-ST 2,5-QUATTRO-0,8 OG		3030513	50
DS-ST 2,5		3036602	10
FBS 2-5	24 A	3030161	50
FBS 3-5	24 A	3030174	50
FBS 4-5	24 A	3030187	50
FBS 5-5	24 A	3030190	50
FBS 10-5	24 A	3030213	10
FBS 20-5	24 A	3030226	10
ATP-ST QUATTRO		3030815	50
PAI-4-N GY		3032871	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-5		3030983	10

Isolating plug ³⁾	orange
Feed-through connector ³⁾	gray
Component plug , labeled with ZBF 5 or UC-TMF 5 ⁴⁾	gray
Fuse plug , width 5.2 mm ²⁾	black
With LED for 12-30 V DC, 0.35-0.95 mA	black
For 30-60 V AC/DC, 0.36-0.95 mA	black
For 110-250 V AC/DC, 0.4-0.95 mA	black
Screwdriver	

P-DI		3036783	50
P-FIX		3038956	50
P-CO		3036796	10
P-FU 5X20-5		3209235	10
P-FU 5X20 LED 24-5		3209248	10
P-FU 5X20 LED 60-5		3209251	10
P-FU 5X20 LED 250-5		3209264	10
SZF 1-0,6X3,5		1204517	10

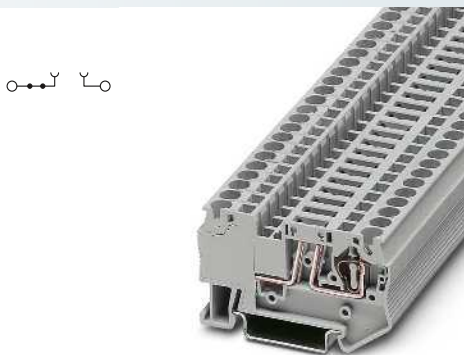
P-DI		3036783	50
P-FIX		3038956	50
P-CO		3036796	10
P-FU 5X20-5		3209235	10
P-FU 5X20 LED 24-5		3209248	10
P-FU 5X20 LED 60-5		3209251	10
P-FU 5X20 LED 250-5		3209264	10
SZF 1-0,6X3,5		1204517	10

Center groove labeling	UC-TM 5, UCT-TM 5 or ZB 5 (see Catalog 5)
Center and lateral groove labeling	UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)

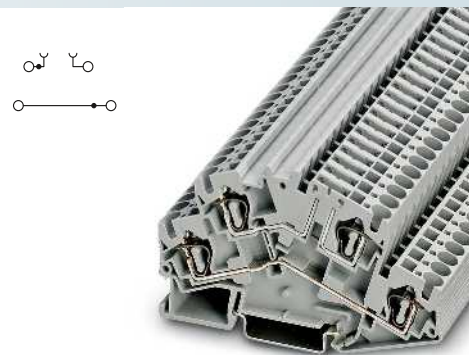
Center groove labeling	UC-TM 5, UCT-TM 5 or ZB 5 (see Catalog 5)
Center and lateral groove labeling	UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)



2.5 (4) mm², 20 A, disconnect terminal block, 4 connections



4 (6) mm², 20 A, disconnect terminal block



4 (6) mm², 20 A, double-level terminal block with disconnect zone



Technical data			
Width	Length	Height NS 35/7,5	
5.2	84	36.5	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
20 ^{*)}	400 ^{*)}	0.08 - 4	28 - 12
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
400 ^{*)}	300	300	-
20 ^{*)} / 2.5	16 / -	16 / -	-
2.5	-	-	-
28 - 12	28-12	28-12	-
solid	stranded	Ferrule	
Without / with plastic sleeve			
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5
0.5			
10	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
6.2	61.5	36.5	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
20 ^{*)}	400 ^{*)}	0.08 - 6	28 - 10
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
400 ^{*)}	300	300	-
20 ^{*)} / 2.5	10 / -	16 / -	-
4	-	-	-
28 - 10	28-10	28-10	-
solid	stranded	Ferrule	
Without / with plastic sleeve			
0.08 - 6	0.08 - 4	0.14 - 4	0.14 - 4
0.5 - 0.5			
10	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
6.2	92.4	55	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
34 ^{*)}	500 ^{*)}	0.08 - 6	28 - 10
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
500 ^{*)}	600	-	-
20 ^{*)} / 2.5	16 / -	-	-
4	-	-	-
28 - 10	28-10	-	-
solid	stranded	Ferrule	
Without / with plastic sleeve			
0.08 - 6	0.08 - 4	0.14 - 4	0.14 - 4
0.5 - 1			
10	PA	V0	

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
ST 2,5-QUATTRO-TG		3038451	50

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
ST 4-TG		3038367	50

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
STTBS 4-TG		3035483	50

Accessories			
D-ST 2,5-QUATTRO-MT		3038590	50
DS-ST 2,5		3036602	10
FBS 2-5	24 A	3030161	50
FBS 3-5	24 A	3030174	50
FBS 4-5	24 A	3030187	50
FBS 5-5	24 A	3030190	50
FBS 10-5	24 A	3030213	10
FBS 20-5	24 A	3030226	10
PAI-4-N GY		3032871	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-5		3030983	10
P-DI		3036783	50
P-FIX		3038956	50
P-CO		3036796	10
P-FU 5X20-5		3209235	10
P-FU 5X20 LED 24-5		3209248	10
P-FU 5X20 LED 60-5		3209251	10
P-FU 5X20 LED 250-5		3209264	10
SZF 1-0,6X3,5		1204517	10

Accessories			
FBS 2-6	32 A	3030336	50
FBS 3-6	32 A	3030242	50
FBS 4-6	32 A	3030255	50
FBS 5-6	32 A	3030349	50
FBS 10-6	32 A	3030271	10
FBS 20-6	32 A	3030365	10
ATP-ST 4		3030721	50
PAI-4-N GY		3032871	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-6		3030996	10
P-DI		3036783	50
P-FIX		3038956	50
P-CO		3036796	10
P-FU 5X20		3036806	10
P-FU 5X20 LED 24		3036819	10
P-FU 5X20 LED 60		3036822	10
P-FU 5X20 LA 250		3036835	10
SZF 1-0,6X3,5		1204517	10

Accessories			
D-STTBS 4-MT		3035548	50
FBS 2-6	28 A	3030336	50
FBS 3-6	28 A	3030242	50
FBS 4-6	28 A	3030255	50
FBS 5-6	28 A	3030349	50
FBS 10-6	28 A	3030271	10
FBS 20-6	28 A	3030365	10
ATP-STTBS 4		3030747	50
PAI-4-N GY		3032871	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-6		3030996	10
P-DI		3036783	50
P-FIX		3038956	50
P-CO		3036796	10
P-FU 5X20		3036806	10
P-FU 5X20 LED 24		3036819	10
P-FU 5X20 LED 60		3036822	10
P-FU 5X20 LA 250		3036835	10
SZF 1-0,6X3,5		1204517	10

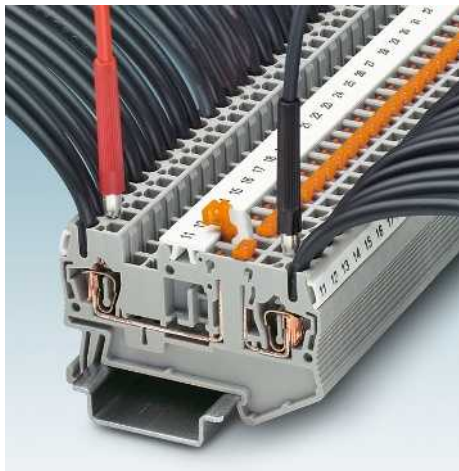
UC-TM 5, UCT-TM 5 or ZB 5
(see Catalog 5)
UC-TMF 5, UCT-TMF 5 or ZBF 5
(see Catalog 5)

UC-TM 6, UCT-TM 6 or ZB 6
(see Catalog 5)
UC-TMF 6, UCT-TMF 6 or ZBF 6
(see Catalog 5)

UC-TM 6, UCT-TM 6 or ZB 6
(see Catalog 5)
UC-TMF 6, UCT-TMF 6 or ZBF 6
(see Catalog 5)

ST spring-cage connection terminal blocks

ST ...-MT knife disconnect terminal blocks



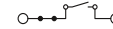
- Compact knife disconnect terminal block with a current carrying capacity of 20 A
- Seamless and can be double bridged for all tasks in time-saving potential supply and distribution
- Test connection parallel to disconnect point for test plugs with a 2.3 mm diameter
- Three and four-conductor terminal blocks can be used for multi-conductor connections
- User-friendly wiring thanks to front connection

S-MT switching lock

- The optional switching lock snaps in and effectively prevents accidental switching



Notes:
1) The total current of all connected conductors must not exceed the max. load current.
2) Also see page 480.



2.5 (4) mm², 20 A, knife disconnect terminal block



Dimensions	
	[mm]
Max. electrical 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]
Two stranded conductors with a TWIN ferrule	[mm ²]
General data	
Stripping length	[mm]
Insulating material	
Inflammability class according to UL 94	

Technical data				
Width	Length	Height NS 35/7,5		
5.2	60.5	36.5		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG	
20	400	0.08 - 4	28 - 12	
IEC 60947-7-1				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
Rated voltage	600	300	-	
Nominal current / cross section	20 / 2.5	16 / -	16 / -	
Rated cross section	2.5	-	-	
Cross section range	28 - 12	28-12	28-12	
Connection capacity		Ferrule		
	solid	stranded	Without / with plastic sleeve	
1 conductor	0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5
Two stranded conductors with a TWIN ferrule			0.5	
Stripping length	10			
Insulating material	PA			
Inflammability class according to UL 94	V0			

Description	No. of pos.	Color
Knife disconnect terminal block, for mounting on NS 35...		gray
		blue

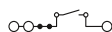
Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
ST 2,5-MT		3036343	50
ST 2,5-MT BU		3037818	50

Cover, width 2.2 mm		gray
Cover, 0.8 mm width		orange
End cover segment, for covering multi-conductor terminal blocks when two-conductor terminal blocks are aligned		gray
Plug-in bridge		
	2	red
	3	red
	4	red
	5	red
	10	red
	20	red
Switching lock, plug-in ²⁾		white
Partition plate, 2 mm width		gray
Test adapter, 4-mm test socket hole		gray
Test plug metal part, 2.3 mm Ø		
Insulating sleeve, for MPS metal part		red
Modular test plug, for the individual assembly of test plug strips		red

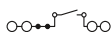
Accessories			
D-ST 2,5-TWIN		3030488	50
D-ST 2,5-TWIN-0,8 OG		3030512	50
DS-ST 2,5		3036602	10
FBS 2-5	24 A	3030161	50
FBS 3-5	24 A	3030174	50
FBS 4-5	24 A	3030187	50
FBS 5-5	24 A	3030190	50
FBS 10-5	24 A	3030213	10
FBS 20-5	24 A	3030226	10
S-MT		3247954	50
ATP-ST-TWIN		3030789	50
PAI-4-N GY		3032871	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-5		3030983	10
SZF 1-0,6X3,5		1204517	10

Screwdriver	
Center groove labeling	
Center and lateral groove labeling	

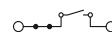
UC-TM 5, UCT-TM 5 or ZB 5 (see Catalog 5)
UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)



2.5 (4) mm², 20 A, knife disconnect terminal block, 3 connections



2.5 (4) mm², 20 A, knife disconnect terminal block, 4 connections



4 (6) mm², 20 A, knife disconnect terminal block



Technical data			
Width	Length	Height NS 35/7,5	
5.2	72	36.5	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
20 ¹⁾	400	0.08 - 4	28 - 12
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
400	600	300	-
20 ¹⁾ / 2.5	16 / -	16 / -	-
2.5	-	-	-
28 - 12	28-12	28-12	-
solid	stranded	Ferrule	
Without / with plastic sleeve			
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5
0.5			
10	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
5.2	84	36.5	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
20 ¹⁾	400	0.08 - 4	28 - 12
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
400	600	300	-
20 ¹⁾ / 2.5	16 / -	16 / -	-
2.5	-	-	-
28 - 12	28-12	28-12	-
solid	stranded	Ferrule	
Without / with plastic sleeve			
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5
0.5			
10	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
6.2	61.5	36.5	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
20	400	0.08 - 6	28 - 10
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
400	300	300	-
20 / 2.5	10 / -	16 / -	-
4	-	-	-
28 - 10	28-10	28-10	-
solid	stranded	Ferrule	
Without / with plastic sleeve			
0.08 - 6	0.08 - 4	0.14 - 4	0.14 - 4
0.5 - 1			
10	PA	V0	

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
ST 2,5-TWIN-MT		3036356	50
ST 2,5-TWIN-MT BU		3037821	50

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
ST 2,5-QUATTRO-MT		3036576	50
ST 2,5-QUATTRO-MT BU		3037834	50

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
ST 4-MT		3038875	50

Accessories			
D-ST 2,5-QUATTRO		3030514	50
D-ST 2,5-QUATTRO-0,8 OG		3030513	50
DS-ST 2,5		3036602	10
FBS 2-5	24 A	3030161	50
FBS 3-5	24 A	3030174	50
FBS 4-5	24 A	3030187	50
FBS 5-5	24 A	3030190	50
FBS 10-5	24 A	3030213	10
FBS 20-5	24 A	3030226	10
S-MT		3247954	50
ATP-ST QUATTRO		3030815	50
PAI-4-N GY		3032871	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-5		3030983	10
SZF 1-0,6X3,5		1204517	10

Accessories			
D-ST 2,5-QUATTRO-MT		3038590	50
DS-ST 2,5		3036602	10
FBS 2-5	24 A	3030161	50
FBS 3-5	24 A	3030174	50
FBS 4-5	24 A	3030187	50
FBS 5-5	24 A	3030190	50
FBS 10-5	24 A	3030213	10
FBS 20-5	24 A	3030226	10
S-MT		3247954	50
PAI-4-N GY		3032871	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-5		3030983	10
SZF 1-0,6X3,5		1204517	10

Accessories			
FBS 2-6	32 A	3030336	50
FBS 3-6	32 A	3030242	50
FBS 4-6	32 A	3030255	50
FBS 5-6	32 A	3030349	50
FBS 10-6	32 A	3030271	10
FBS 20-6	32 A	3030365	10
S-MT		3247954	50
ATP-ST 4		3030721	50
PAI-4-N GY		3032871	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-6		3030996	10
SZF 1-0,6X3,5		1204517	10

UC-TM 5, UCT-TM 5 or ZB 5
(see Catalog 5)
UC-TMF 5, UCT-TMF 5 or ZBF 5
(see Catalog 5)

UC-TM 5, UCT-TM 5 or ZB 5
(see Catalog 5)
UC-TMF 5, UCT-TMF 5 or ZBF 5
(see Catalog 5)

UC-TMF 6, UCT-TMF 6 or ZBF 6
(see Catalog 5)

ST spring-cage connection terminal blocks

Double-level knife disconnect terminal blocks

The space-saving double-level knife disconnect terminal blocks are available in various versions and offer:

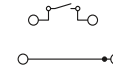
- Disconnect knife for one level
- Disconnect knives for both levels, a height offset indicates assignment of the disconnect knives to a level
- Test connections on both sides of the isolating point for 2.3 mm test plugs
- Function shafts provide scope for potential distribution

ZDMTK 2,5-TWIN

- If an input signal is to be divided and split over two disconnect points, the ZDMTK 2,5-TWIN is used

CLIP PROJECT Planning enables the quick and convenient planning and configuration of fault-free terminal strips.

Notes:
1) The total current of all connected conductors must not exceed the max. load current.
2) Lower level
3) Also see page 480.



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



Dimensions		[mm]
Max. electrical data		
Rated data, lower level		
Rated voltage	[V]	400
Nominal current / cross section	[A] / [mm ²]	24 / 2.5
Rated cross section	[mm ²]	2.5
Cross section range	AWG	24 - 12
Rated data, upper level		
Nominal current / cross section	[A] / [mm ²]	16 / 1.5
Connection capacity		
1 conductor	[mm ²]	0.2 - 4
Two stranded conductors with a TWIN ferrule	[mm ²]	0.2 - 2.5
General data		
Stripping length	[mm]	10
Insulating material		PA
Inflammability class according to UL 94		V0

Technical data			
Width	Length	Height NS 35/7.5	
5.2	104	49	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG
26	400	0.2 - 4	24 - 12
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
400	300	-	-
24 / 2.5	20 / -	- / -	- / -
2.5	-	-	-
24 - 12	26-12	-	-
IEC	UL/CUL	CSA	IEC/EN 60079-7
16 / 1.5	15 / -	- / -	- / -
solid		stranded	
		Ferrule	
		Without / with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.14 - 2.5	0.14 - 2.5
		0.5	
10	PA	V0	

Description	No. of pos.	Color
Knife disconnect terminal block, for mounting on NS 35...		gray
		blue

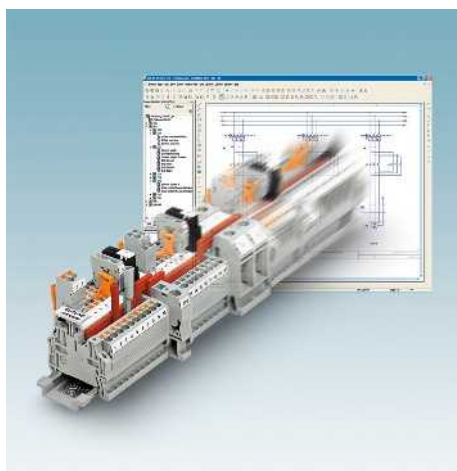
Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
ZFKK 2,5-MT		3025011	50
ZFKK 2,5-MT BU		3022221	50

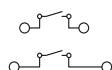
Cover, width 2 mm		gray
Cover, width 2.2 mm		gray
Insulation stop sleeve, cross section range:		
0.08 - 0.2 mm ²		white
0.25 - 0.5 mm ²		gray
0.75 - 1 mm ²		black
Fixed bridge, for cross connections in the terminal center, screw heads with insulation collar		
	2	silver
	3	silver
	10	silver
Plug-in bridge		
	2	red
	10	red
	20	red
Switching lock, plug-in ³⁾		
		white
Separating disk, for separation of neighboring bridges, can be fitted later, no loss of pitch		
Partition plate, 2 mm width		gray
Test plug metal part, 2.3 mm Ø		
Insulating sleeve, for MPS metal part		red
Screwdriver		

Accessories			
Type	I _{max}	Order No.	Pcs. / Pkt.
D-ZFKK 2,5-MT		3024151	50
ISH 2,5/0,2		3002843	50
ISH 2,5/0,5		3002856	50
ISH 2,5/1,0		3002869	50
FBRI 2-5 N	20 A	3000227	10
FBRI 3-5 N	20 A	3000201	10
FBRI 10-5 N	20 A	2770642	10
TS-U3K 2,5		2770066	50
ATP-ZFKKB 4		3005772	50
MPS-MT		0201744	10
MPS-IH RD		0201676	10
SZF 1-0,6X3,5		1204517	10

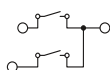
Center groove labeling
Center and lateral groove labeling

UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)

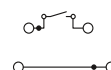




2.5 (4) mm², 16 A, double-level terminal block with one disconnect knife per level



2.5 (4) mm², 16 A, feed-through terminal block, 3 connections, with two disconnect knives



4 (6) mm², 20 A, double-level knife disconnect terminal block



Technical data				
Width	Length	Height NS 35/7,5		
6.2	107	55		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG	
16	400	0.2 - 4	24 - 12	
IEC 60947-7-1				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
400	300	-	-	
16 / 1.5	10 / -	- / -	- / -	
2.5	-	-	-	
24 - 12	26-12	-	-	
IEC	UL/CUL	CSA	IEC/EN 60079-7	
16 / 1.5	10 / -	- / -	- / -	
solid	stranded	Ferrule Without / with plastic sleeve		
0.2 - 4	0.2 - 2.5	0.14 - 2.5	0.14 - 2.5 0.5	
10	PA	V0		

Technical data				
Width	Length	Height NS 35/7,5		
6.2	88.5	55		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG	
16 ¹⁾	400	0.2 - 4	24 - 12	
IEC 60947-7-1				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
400	300	-	-	
16 / 1.5	10 / -	- / -	- / -	
2.5	-	-	-	
24 - 12	26-12	-	-	
IEC	UL/CUL	CSA	IEC/EN 60079-7	
16 / 1.5	10 / -	- / -	- / -	
solid	stranded	Ferrule Without / with plastic sleeve		
0.2 - 4	0.2 - 2.5	0.14 - 2.5	0.14 - 2.5 0.5	
10	PA	V0		

Technical data				
Width	Length	Height NS 35/7,5		
6.2	92.4	55		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG	
34 ²⁾	500	0.08 - 6	28 - 10	
IEC 60947-7-1				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
500	600	-	-	
20 / 2.5	16 / -	- / -	- / -	
4	-	-	-	
28 - 10	28-10	-	-	
IEC	UL/CUL	CSA	IEC/EN 60079-7	
- / -	16 / -	- / -	- / -	
solid	stranded	Ferrule Without / with plastic sleeve		
0.08 - 6	0.08 - 4	0.14 - 4	0.14 - 4 0.5 - 1	
10	PA	V0		

Ordering data		
Type	Order No.	Pcs. / Pkt.
ZDMTK 2,5	3005798	50
ZDMTK 2,5 BU	3006784	50

Ordering data		
Type	Order No.	Pcs. / Pkt.
ZDMTK 2,5-TWIN	3005808	50

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
STTBS 4-MT		3035470	50
STTBS 4-MT BU		3035522	50

Accessories		
ISH 2,5/0,2	3002843	50
ISH 2,5/0,5	3002856	50
ISH 2,5/1,0	3002869	50
ATP-ZFKKB 4	3005772	50
MPS-MT	0201744	10
MPS-IH RD	0201676	10
SZF 1-0,6X3,5	1204517	10

Accessories		
ISH 2,5/0,2	3002843	50
ISH 2,5/0,5	3002856	50
ISH 2,5/1,0	3002869	50
ATP-ZFKKB 4	3005772	50
MPS-MT	0201744	10
MPS-IH RD	0201676	10
SZF 1-0,6X3,5	1204517	10

Accessories			
D-STTBS 4-MT	3035548	50	
ISH 4/0,5	3002885	50	
ISH 4/1,0	3002898	50	
FBS 2-6	28 A	3030336	50
FBS 10-6	28 A	3030271	10
FBS 20-6	28 A	3030365	10
S-MT		3247954	50
ATP-STTB 4		3030747	50
MPS-MT		0201744	10
MPS-IH RD		0201676	10
SZF 1-0,6X3,5		1204517	10

UC-TMF 6, UCT-TMF 6 or ZBF 6
(see Catalog 5)

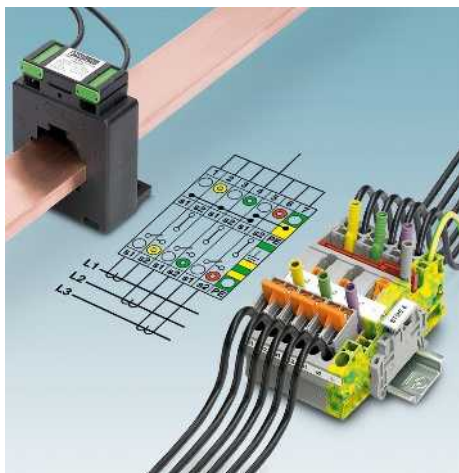
UC-TMF 6, UCT-TMF 6 or ZBF 6
(see Catalog 5)

UC-TM 6, UCT-TM 6 or ZB 6
(see Catalog 5)
UC-TMF 6, UCT-TMF 6 or ZBF 6
(see Catalog 5)

Modular terminal blocks - CLIPLINE complete

ST spring-cage connection terminal blocks

STME 6 test disconnect terminal blocks

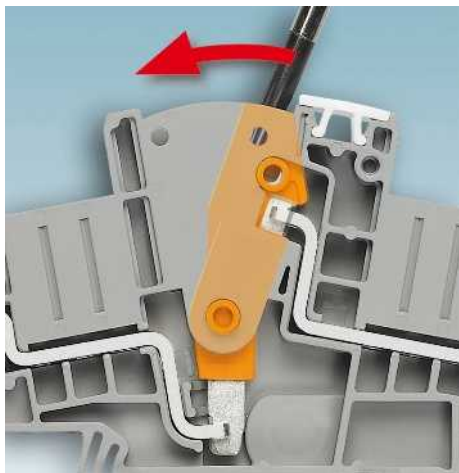


The latest generation of test disconnect terminal blocks with spring-cage connection are characterized by:

- Compact design
- Easy operation
- Six function shafts
- Clear arrangement
- Flexible and comprehensive accessories
- Feed-through terminal block of the same shape available



- Current transformer measuring circuit can be created using just two STME 6
- Less space required compared to creating circuits with slide-type terminal blocks
- ① FBS... plug-in bridge for cross connection
- ② 4 mm Ø PAI-4-FIX... test plug adapter
- ③ S-ME 6 switching lock
- ④ SB-ME... switching jumper
- ⑤ C-ME 6/2 connection bridge



- Reliable contacting and latching of the longitudinal isolating switch in the relevant switching state
- Clear selection thanks to printed switching symbols
- Unintentional switching prevented by means of optional switching lock
- Two or three switches can be actuated at the same time using a connection bridge



- SB-ME ... switching jumpers can be positioned and latched on both sides of the disconnect point in the bridge shaft
- Reliably snapped into the end positions
- Contact made via screw terminal points

Notes:

For current carrying capacity of DIN rails, see page 716.

For corresponding terminal strip covers, see Catalog 5.

Dimensions

[mm]

Max. 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]
Two stranded conductors with a TWIN ferrule	[mm ²]

General data

Stripping length	[mm]
Insulating material	
Inflammability class according to UL 94	

Description	No. of pos.	Color
Test disconnect terminal block , for mounting on NS 35		gray
Feed-through terminal block , for mounting on NS 35...		gray
Ground terminal block , for mounting on NS 35...		green-yellow

Cover, width 2.2 mm gray

Switching jumper, plug-in		
2	gray/orange	
3	gray/orange	
4	gray/orange	

Plug-in bridge		
2	red	
3	red	
4	red	
5	red	
10	red	

Pre-assembled bridge, labeled		
3-pos., positions 1, 3	2	red
4-pos., positions 1, 4	2	red
5-pos., positions 1, 3, 5	3	red
10-pos. positions 1, 4, 7, 10	4	red

Switching lock, plug-in white

Connection bridge, for connecting two test disconnect terminal blocks orange

3-pos. orange

Test adapter, for 4-mm-Ø safety test plug, snapped into bridge shaft orange

yellow

green

violet

Partition plate, with storage option for switching jumpers gray

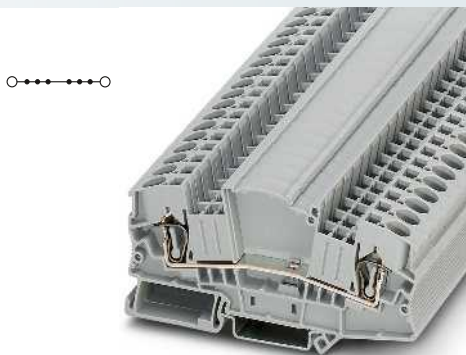
Screwdriver

Center groove labeling

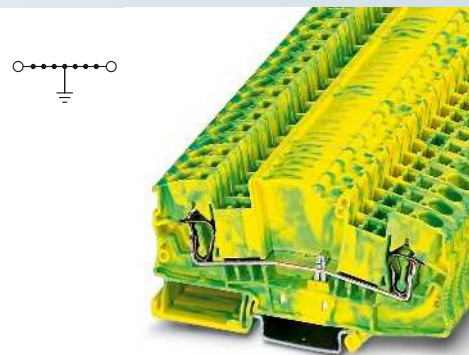
Center and lateral groove labeling



6 (10) mm², 30 A, test disconnect terminal block



6 (10) mm², 41 A, feed-through terminal block, same shape



6 (10) mm², ground terminal block



Technical data			
Width	Length	Height NS 35/7,5	
8.2	100.8	49.6	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
30	500	0.2 - 10	24 - 8
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
500	600	600	-
30 / 6	30 / -	30	-
6	-	-	-
24 - 8	24-8	24-8	-
solid	stranded	Ferrule	
Without / with plastic sleeve			
0.2 - 10	0.2 - 6	0.25 - 6	0.25 - 6 0.5 - 1.5
12	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
8.2	100.8	49.6	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
41	500	0.2 - 10	24 - 8
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
500	600	600	-
41 / 6	30 / -	30	-
6	-	-	-
24 - 8	24-8	24-8	-
solid	stranded	Ferrule	
Without / with plastic sleeve			
0.2 - 10	0.2 - 6	0.25 - 6	0.25 - 6 0.5 - 1.5
12	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
8.2	100.8	49.6	
		max. Ø [mm ²]	AWG
		0.2 - 10	24 - 8
IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/EN 60079-7
-	-	-	-
-	- / -	-	-
6	-	-	-
24 - 8	24-8	24-8	-
solid	stranded	Ferrule	
Without / with plastic sleeve			
0.2 - 10	0.2 - 6	0.25 - 6	0.25 - 6 0.5 - 1.5
12	PA	V0	

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
STME 6		3035700	50

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
STMED 6		3035713	50

Ordering data			
Type	Order No.	Pcs. / Pkt.	
STMED 6-PE	3035726	50	

Accessories			
D-DTME 6		3034426	10
SB-ME 2-8	30 A	3034468	10
SB-ME 3-8	30 A	3032800	10
SB-ME 4-8	30 A	3034484	10
FBS 2-8	41 A	3030284	10
FBS 3-8	41 A	3030297	10
FBS 4-8	41 A	3030307	10
FBS 5-8	41 A	3030310	10
FBS 10-8	41 A	3030323	10
FBS 1/3-8	41 A	3032363	10
FBS 1/4-8	41 A	3032376	10
FBS 1/3/5-8	41 A	3032389	10
FBS 1/4/7/10-8	41 A	3032402	10
S-ME 6		3034439	10
C-ME 6/2		3034442	10
C-ME 6/3		3034390	50
PAI-4-FIX OG		3034455	10
PAI-4-FIX YE		3032745	10
PAI-4-FIX GN		3032758	10
PAI-4-FIX VT		3032761	10
CARRIER 35-8		3034387	10
SZF 2-0,8X4,0		1204520	10

Accessories			
D-DTME 6		3034426	10
SB-ME 2-8	30 A	3034468	10
SB-ME 3-8	30 A	3032800	10
SB-ME 4-8	30 A	3034484	10
FBS 2-8	41 A	3030284	10
FBS 3-8	41 A	3030297	10
FBS 4-8	41 A	3030307	10
FBS 5-8	41 A	3030310	10
FBS 10-8	41 A	3030323	10
FBS 1/3-8	41 A	3032363	10
FBS 1/4-8	41 A	3032376	10
FBS 1/3/5-8	41 A	3032389	10
FBS 1/4/7/10-8	41 A	3032402	10
PAI-4-FIX OG		3034455	10
PAI-4-FIX YE		3032745	10
PAI-4-FIX GN		3032758	10
PAI-4-FIX VT		3032761	10
CARRIER 35-8		3034387	10
SZF 2-0,8X4,0		1204520	10

Accessories			
D-DTME 6		3034426	10
FBS 2-8		3030284	10
FBS 3-8		3030297	10
FBS 4-8		3030307	10
FBS 5-8		3030310	10
FBS 10-8		3030323	10
FBS 1/3-8		3032363	10
FBS 1/4-8		3032376	10
FBS 1/3/5-8		3032389	10
FBS 1/4/7/10-8		3032402	10
PAI-4-FIX OG		3034455	10
PAI-4-FIX YE		3032745	10
PAI-4-FIX GN		3032758	10
PAI-4-FIX VT		3032761	10
CARRIER 35-8		3034387	10
SZF 2-0,8X4,0		1204520	10

UC-TM 8, UCT-TM 8 or ZB 8

(see Catalog 5)

UC-TMF 8, UCT-TMF 8 or ZBF 8

(see Catalog 5)

UC-TM 8, UCT-TM 8 or ZB 8

(see Catalog 5)

UC-TMF 8, UCT-TMF 8 or ZBF 8

(see Catalog 5)

UC-TM 8, UCT-TM 8 or ZB 8

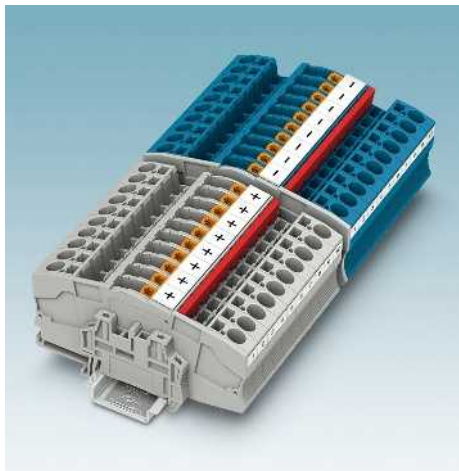
(see Catalog 5)

UC-TMF 8, UCT-TMF 8 or ZBF 8

(see Catalog 5)

ST spring-cage connection terminal blocks

STME 6 HV disconnect and diode terminal blocks for photovoltaics, 1000 V

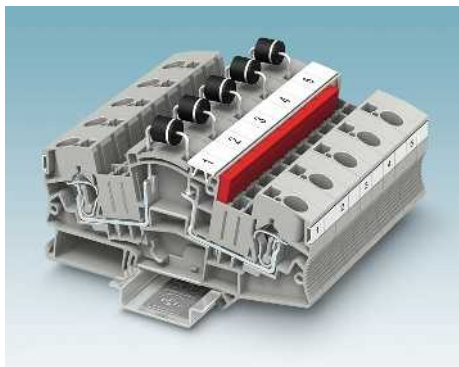


The new disconnect and diode terminal blocks were designed especially for applications in solar technology and are characterized by:

- A dielectric strength of up to 1000 V DC
- Scope for connecting standard solar cables of up to 10 mm² and with a 7.5 mm outside diameter
- A space-saving design of the same shape for compact generator switching boxes
- Continuous function shafts allow the individual PV lines to be easily grouped using plug-in bridges
- The DP-STMED 6 spacer plate provides sufficient space between two neighboring diode terminal blocks, see figure below

Fuse terminal blocks for 1000 V DC

- Fuse terminal blocks and inserts of up to 1000 V DC are available for fusing PV lines, see page 537



Notes:
If several diode terminal blocks need adding to the DIN rail, a spacer plate must be placed between them.
Covers should ensure that the parts are not touched.
For corresponding AP-ME and AH-ME terminal strip covers, see Catalog 5.
For further test adapters, see page 479.
1) If the diode is loaded with 5 A, the surface temperature reaches 140°C.
2) 1000 V reverse voltage.



6 (10) mm², 30 A, 1000 V, disconnect terminal block



Dimensions		[mm]	
Max. electrical data			
Rated data			
Rated voltage	[V]	1000	600
Nominal current / cross section	[A] / [mm ²]	30 / 6	30 / -
Rated cross section	[mm ²]	6	-
Cross section range	AWG	24 - 8	24-8
Connection capacity			
1 conductor	[mm ²]	0.2 - 10	0.2 - 6
Two stranded conductors with a TWIN ferrule	[mm ²]		0.25 - 6
General data			
Stripping length	[mm]	12	
Insulating material		PA	
Inflammability class according to UL 94		V0	

Technical data			
Width	Length	Height NS 35/7.5	
8.2	100.8	49.6	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG
30	1000	0.2 - 10	24 - 8
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
Connection capacity			
		Ferrule	
		Without / with plastic sleeve	
0.2 - 10	0.2 - 6	0.25 - 6	0.25 - 6
		0.5 - 1.5	

Description	No. of pos.	Color
Terminal block , for mounting on NS 35...		gray blue
Spacer plate		gray
Terminal block , with integrated diode, conducting from left to right		gray
Conducting from right to left		gray
Terminal block , for soldering in a component		gray

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
STME 6 HV		3035693	50
STME 6 HV BU		3035694	50

Cover , width 2.2 mm		gray
Switching jumper , plug-in		
	2	gray/orange
	3	gray/orange
	4	gray/orange
Plug-in bridge		
	2	red
	3	red
	4	red
	5	red
	10	red
Switching lock , plug-in		white
Connection bridge , for connecting two test disconnect terminal blocks		orange
3-pos.		orange
Test adapter , for 4-mm-Ø safety test plug, snapped into bridge shaft		orange
		yellow
		green
		violet
Partition plate , with storage option for switching jumpers		gray
Screwdriver		

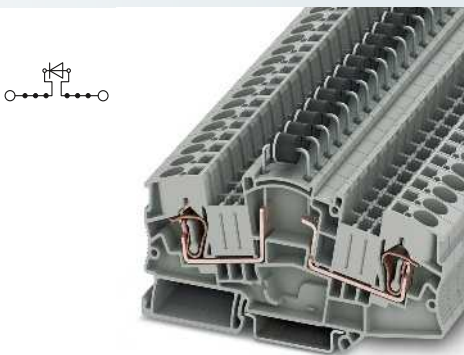
Accessories			
D-DTME 6		3034426	10
SB-ME 2-8	30 A	3034468	10
SB-ME 3-8	30 A	3032800	10
SB-ME 4-8	30 A	3034484	10
FBS 2-8	41 A	3030284	10
FBS 3-8	41 A	3030297	10
FBS 4-8	41 A	3030307	10
FBS 5-8	41 A	3030310	10
FBS 10-8	41 A	3030323	10
S-ME 6		3034439	10
C-ME 6/2		3034442	10
C-ME 6/3		3034390	50
PAI-4-FIX OG		3034455	10
PAI-4-FIX YE		3032745	10
PAI-4-FIX GN		3032758	10
PAI-4-FIX VT		3032761	10
CARRIER 35-8		3034387	10
SZF 2-0,8X4,0		1204520	10

Center groove labeling	UC-TM 8, UCT-TM 8 or ZB 8 (see Catalog 5)
Center and lateral groove labeling	UC-TMF 8, UCT-TMF 8 or ZBF 8 (see Catalog 5)

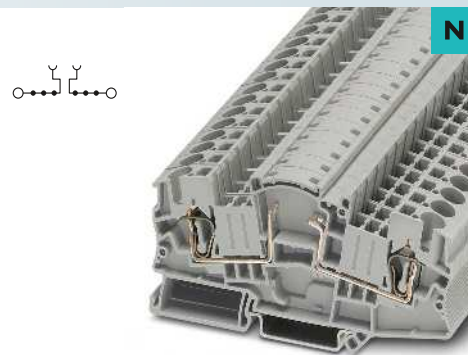
Center groove labeling	UC-TM 8, UCT-TM 8 or ZB 8 (see Catalog 5)
Center and lateral groove labeling	UC-TMF 8, UCT-TMF 8 or ZBF 8 (see Catalog 5)



Spacer plate, same shape



6 (10) mm², 5 A, 1000 V, diode terminal block, same shape



Terminal block, for soldering a component



Technical data			
Width	Length	Height NS 35/7,5	
8.2	100.8	49.6	
		max. Ø [mm ²]	AWG
		-	-
IEC	UL/CUL	CSA	IEC/EN 60079-7
-	-	-	-
-	-/-	-	-
-	-	-	-
-	-	-	-
solid	stranded	Ferrule Without / with plastic sleeve	
-	-	-	-
-	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
8.2	100.8	60	
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG
5 ¹⁾	1000 ²⁾	0.2 - 10	24 - 8
IEC	UL/CUL	CSA	IEC/EN 60079-7
1000 ²⁾	600	-	-
5 ¹⁾ / 6	5 / -	-	-
6	-	-	-
24 - 8	24-8	-	-
solid	stranded	Ferrule Without / with plastic sleeve	
0.2 - 10	0.2 - 6	0.25 - 6	0.25 - 6 0.5 - 1.5
-	12	PA	
-	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
8.2	100.8	60	
		max. Ø [mm ²]	AWG
		0.2 - 10	24 - 8
IEC	UL/CUL	CSA	IEC/EN 60079-7
-	-	-	-
- / 6	- / -	-	-
6	-	-	-
24 - 8	-	-	-
solid	stranded	Ferrule Without / with plastic sleeve	
0.2 - 10	0.2 - 6	0.25 - 6	0.25 - 6 0.5 - 1.5
-	12	PA	
-	PA	V0	

Ordering data		
Type	Order No.	Pcs. / Pkt.
DP-STMED 6	3035690	50

Ordering data			
Type	I _{max.}	Order No.	Pcs. / Pkt.
STME 6-DIO/L-R HV		3035691	50
STME 6-DIO/R-L HV		3035692	50

Ordering data		
Type	Order No.	Pcs. / Pkt.
STME 6-BE	3035688	50

Accessories		
SZF 2-0,8X4,0	1204520	10

Accessories			
D-DTME 6	3034426	10	
FBS 2-8	41 A	3030284	10
FBS 3-8	41 A	3030297	10
FBS 4-8	41 A	3030307	10
FBS 5-8	41 A	3030310	10
FBS 10-8	41 A	3030323	10
PAI-4-FIX OG		3034455	10
PAI-4-FIX YE		3032745	10
PAI-4-FIX GN		3032758	10
PAI-4-FIX VT		3032761	10
CARRIER 35-8		3034387	10
SZF 2-0,8X4,0	1204520	10	

Accessories		
D-DTME 6	3034426	10
FBS 2-8	3030284	10
FBS 3-8	3030297	10
FBS 4-8	3030307	10
FBS 5-8	3030310	10
FBS 10-8	3030323	10
PAI-4-FIX OG	3034455	10
PAI-4-FIX YE	3032745	10
PAI-4-FIX GN	3032758	10
PAI-4-FIX VT	3032761	10
CARRIER 35-8	3034387	10
SZF 2-0,8X4,0	1204520	10

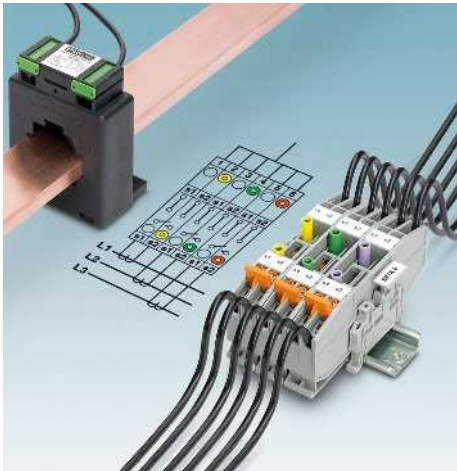
UC-TM 8, UCT-TM 8 or ZB 8
(see Catalog 5)
UC-TMF 8, UCT-TMF 8 or ZBF 8
(see Catalog 5)

UC-TM 8, UCT-TM 8 or ZB 8
(see Catalog 5)
UC-TMF 8, UCT-TMF 8 or ZBF 8
(see Catalog 5)

UC-TM 8, UCT-TM 8 or ZB 8
(see Catalog 5)
UC-TMF 8, UCT-TMF 8 or ZBF 8
(see Catalog 5)

ST spring-cage connection terminal blocks

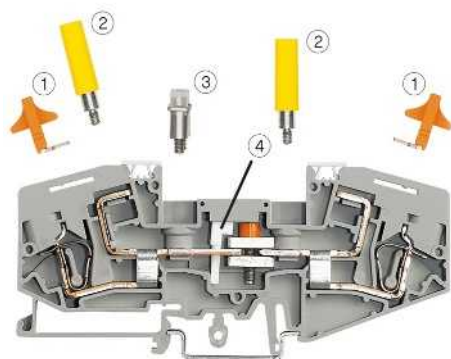
SRTK 6/SGSK 6 test disconnect and slide-type terminal blocks



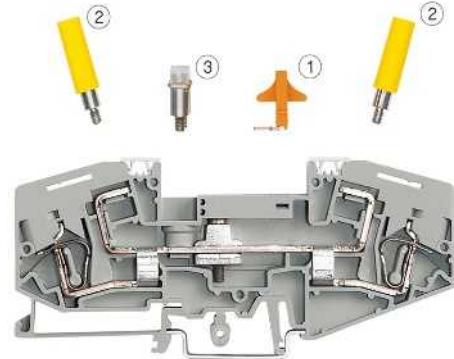
- The SRTK 6 test disconnect terminal block and the SGSK 6 slide-type terminal block were specially designed for use in current transformer secondary circuits
- Can be fitted on both sides with fixed and switchable bridges as well as test sockets with a 4 mm diameter
- Easy and clear operation
- Terminal block and accessories were designed to be touch-proof as per BGV A2



- The extensive range of accessories of the SRTK 6 test disconnect terminal blocks with spring-cage connection can also be used for the URTK 6 test disconnect terminal blocks with screw connection
- For more information and technical data on the screw connection versions, see page 77



- Only two SRTK 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 PSBJ-URTK 6... test sockets
- ③ FBRI 10-8 N fixed bridge for cross connection
- ④ S-URTK/SP switching lock



- Several measuring devices or protective relays can be connected individually using the SGSK 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 PSBJ-URTK 6... test sockets
- ③ FBRI 10-8 N fixed bridge for cross connection

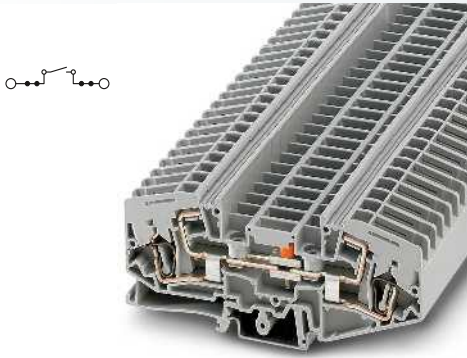
Dimensions		
		[mm]
Max. electrical data		
Rated data		
Rated voltage		[V]
Nominal current / cross section		[A] / [mm ²]
Rated cross section		[mm ²]
Cross section range		AWG
Connection capacity		
1 conductor		[mm ²]
Two stranded conductors with a TWIN ferrule		[mm ²]
General data		
Stripping length		[mm]
Disconnect slide: thread / torque		- / [Nm]
Torque: test socket, fixed bridge, switch bar		[Nm]
Insulating material		
Inflammability class according to UL 94		

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

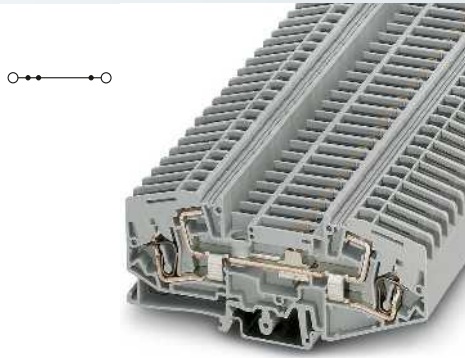
Cover, width 2 mm		Color
Switching jumper , complete		gray
	2	orange
	3	orange
	4	orange
	10	orange
for bridging between non-adjacent terminals	10	orange
Fixed bridge , insulated		silver
	10	silver

Switching lock		
excludes the possibility of an unintentional operation of the disconnect slide		
Test socket , insulated		white
		transparent
		blue
		yellow
		green
		violet
		black
		gray
		brown
		red
Short-circuit plug , for short circuiting neighboring terminal blocks, fully insulated, 2-pos.		black
4-pos.		black
Screwdriver		black

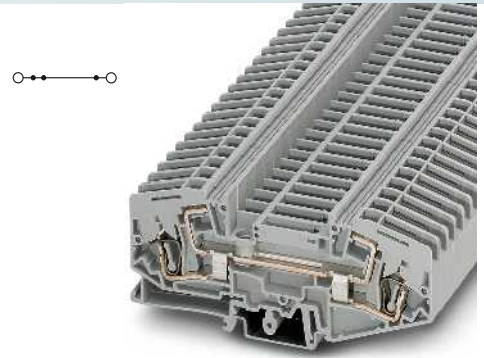
Center groove labeling



6 (10) mm², 45 A, test disconnect terminal block



6 (10) mm², 45 A, slide-type terminal block



6 (10) mm², 45 A, feed-through terminal block, same shape



Technical data			
Width	Length	Height NS 35/7,5	
8.2	113	49	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG
45	400	0.2 - 10	24 - 8
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
400	300	-	-
41 / 6	40 / -	-	-
6	-	-	-
24 - 8	18-8	-	-
solid	stranded	Ferrule	
Without / with plastic sleeve			
0.2 - 10	0.2 - 6	0.25 - 6	0.25 - 6 0.5 - 1.5
12			
M3 / 0.6 - 0.8			
0.6 - 0.8			
PA			
V0			

Technical data			
Width	Length	Height NS 35/7,5	
8.2	113	49	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG
45	400	0.2 - 10	24 - 8
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
400	300	-	-
41 / 6	40 / -	-	-
6	-	-	-
24 - 8	18-8	-	-
solid	stranded	Ferrule	
Without / with plastic sleeve			
0.2 - 10	0.2 - 6	0.25 - 6	0.25 - 6 0.5 - 1.5
12			
M3 / 0.6 - 0.8			
0.6 - 0.8			
PA			
V0			

Technical data			
Width	Length	Height NS 35/7,5	
8.2	113	49	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG
45	400	0.2 - 10	24 - 8
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
400	300	-	-
41 / 6	40 / -	-	-
6	-	-	-
24 - 8	18-8	-	-
solid	stranded	Ferrule	
Without / with plastic sleeve			
0.2 - 10	0.2 - 6	0.25 - 6	0.25 - 6 0.5 - 1.5
12			
- / -			
0.6 - 0.8			
PA			
V0			

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
SRTK 6		3029952	50

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
SGSK 6		3029965	50

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
SRDK 6		3029973	50

Accessories			
D-SRTK 6		3029981	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	41 A	3026382	10
SB 10-8-T SO	41 A	3026395	10
FBRI 10-8 N	41 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
PSBJ-URTK 6 GY		3026612	10
PSBJ-URTK 6 BN		3026971	10
PSBJ-URTK 6 RD		3026719	10
KSSI 2-8		3000722	10
KSSI 4-8		3000735	10
SZF 2-0,8X4,0		1204520	10

Accessories			
D-SRTK 6		3029981	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	41 A	3026382	10
SB 10-8-T SO	41 A	3026395	10
FBRI 10-8 N	41 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
PSBJ-URTK 6 GY		3026612	10
PSBJ-URTK 6 BN		3026971	10
PSBJ-URTK 6 RD		3026719	10
KSSI 2-8		3000722	10
KSSI 4-8		3000735	10
SZF 2-0,8X4,0		1204520	10

Accessories			
D-SRTK 6		3029981	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	41 A	3026382	10
SB 10-8-T SO	41 A	3026395	10
FBRI 10-8 N	41 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
PSBJ-URTK 6 GY		3026612	10
PSBJ-URTK 6 BN		3026971	10
PSBJ-URTK 6 RD		3026719	10
KSSI 2-8		3000722	10
KSSI 4-8		3000735	10
SZF 2-0,8X4,0		1204520	10

UC-TM 8, UCT-TM 8 or ZB 8 (see Catalog 5)

UC-TM 8, UCT-TM 8 or ZB 8 (see Catalog 5)

UC-TM 8, UCT-TM 8 or ZB 8 (see Catalog 5)

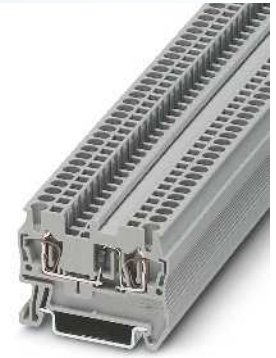
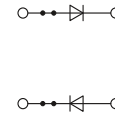
ST spring-cage connection terminal blocks

ST 2,5...DIO... diode terminal blocks



- Diode terminal blocks handle a large number of switching tasks
- Design width of 5.2 mm or 6.2 mm
- Versions with diode conducting direction from left to right or vice versa
- Three and four-conductor terminal blocks can be used for multi-conductor connections
- An increased maximum continuous current of 1.5 A through the 1N 5408 diode is provided by the ST 4-QUATTRO-DIO

Notes:
1) The max. current is determined by the diode. Integrated: diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.
2) The max. current is determined by the diode. Integrated: diode 1N 5408, reverse voltage: 1000 V, maximum continuous current 1.5 A.



2.5 (4) mm², 0.5 A, diode terminal block



Dimensions	
	[mm]
Max. 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]
Two stranded conductors with a TWIN ferrule	[mm ²]
General data	
Stripping length	[mm]
Insulating material	
Inflammability class according to UL 94	

Technical data				
Width	Length	Height NS 35/7,5		
5.2	48.5	36.5		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG	
0.5 ¹⁾	800	0.08 - 4	28 - 12	
IEC	UL/CUL	CSA	IEC/EN 60079-7	
800	600	600	-	
0.5 ¹⁾ / 1	1 / -	1 / -	-	
2.5	-	-	-	
28 - 12	28-12	28-12	-	
solid	stranded	Ferrule		
		Without / with plastic sleeve		
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5	
		0.5		
10	PA	V0		

Description	No. of pos.	Color
Terminal block, with integrated diode, conducting from left to right		gray
Terminal block, with integrated diode, conducting from right to left		gray

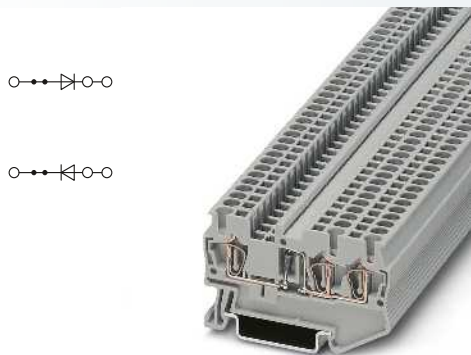
Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
ST 2,5-DIO/L-R		3036262	50
ST 2,5-DIO/R-L		3036518	50

Cover, width 2.2 mm		gray
Cover, 0.8 mm width		orange
End cover segment, for covering multi-conductor terminal blocks when two-conductor terminal blocks are aligned		gray
Insulation stop sleeve, cross section range:		
0.08 - 0.2 mm ²		white
0.25 - 0.5 mm ²		gray
0.75 - 1 mm ²		black
Plug-in bridge		
	2	red
	3	red
	4	red
	5	red
	10	red
	20	red
Partition plate, 2 mm width		gray
Test plug metal part, 2.3 mm Ø		
Insulating sleeve, for MPS metal part		red
Modular test plug, for the individual assembly of test plug strips		red
Warning cover, for actuation shafts, 5-pos.		yellow
Screwdriver		

Accessories			
Type		Order No.	Pcs. / Pkt.
D-ST 2,5		3030417	50
D-ST 2,5-0,8 OG		3030511	50
ISH 2,5/0,2		3002843	50
ISH 2,5/0,5		3002856	50
ISH 2,5/1,0		3002869	50
FBS 2-5	24 A	3030161	50
FBS 3-5	24 A	3030174	50
FBS 4-5	24 A	3030187	50
FBS 5-5	24 A	3030190	50
FBS 10-5	24 A	3030213	10
FBS 20-5	24 A	3030226	10
ATP-ST 4		3030721	50
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-5		3030983	10
WST 2,5		3030941	50
SZF 1-0,6X3,5		1204517	10

Center groove labeling
Center and lateral groove labeling

UC-TM 5, UCT-TM 5 or ZB 5 (see Catalog 5)
UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)



2.5 (4) mm², 0.5 A, diode terminal block, 3 connections



2.5 (4) mm², 0.5 A, diode terminal block, 4 connections



4 (6) mm², 1.5 A, diode terminal block with 1N 5408, 4 connections



Technical data			
Width	Length	Height NS 35/7,5	
5.2	60.5	36.5	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
0.5 ¹⁾	800	0.08 - 4	28 - 12
IEC	UL/CUL	CSA	IEC/EN 60079-7
800	600	600	-
0.5 ¹⁾ / 1	20 / -	-	-
2.5	-	-	-
28 - 12	28-12	28-12	-
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5
0.5			
10	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
5.2	72	36.5	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
0.5 ¹⁾	800	0.08 - 4	28 - 12
IEC	UL/CUL	CSA	IEC/EN 60079-7
800	600	600	-
0.5 ¹⁾ / 1	20 / -	-	-
2.5	-	-	-
28 - 12	28-12	28-12	-
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5
0.5			
10	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
6.2	87	36.5	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
1.5 ²⁾	800	0.08 - 6	28 - 10
IEC	UL/CUL	CSA	IEC/EN 60079-7
800	-	-	-
1.5 ²⁾ / 1	- / -	-	-
4	-	-	-
28 - 10	-	-	-
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.08 - 6	0.08 - 4	0.14 - 4	0.14 - 4
0.5 - 1			
10	PA	V0	

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
ST 2,5-TWIN-DIO/L-R		3036246	50
ST 2,5-TWIN-DIO/R-L		3036521	50

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
ST 2,5-QUATTRO-DIO/L-R		3036233	50
ST 2,5-QUATTRO-DIO/R-L		3036534	50

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
ST 4-QUATTRO-DIO 1N 5408/L-R		3037782	50
ST 4-QUATTRO-DIO 1N 5408/R-L		3037795	50

Accessories			
D-ST 2,5-TWIN		3030488	50
D-ST 2,5-TWIN-0,8 OG		3030512	50
DS-ST 2,5		3036602	10
ISH 2,5/0,2		3002843	50
ISH 2,5/0,5		3002856	50
ISH 2,5/1,0		3002869	50
FBS 2-5	24 A	3030161	50
FBS 3-5	24 A	3030174	50
FBS 4-5	24 A	3030187	50
FBS 5-5	24 A	3030190	50
FBS 10-5	24 A	3030213	10
FBS 20-5	24 A	3030226	10
ATP-ST-TWIN		3030789	50
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-5		3030983	10
WST 2,5		3030941	50
SZF 1-0,6X3,5		1204517	10

Accessories			
D-ST 2,5-QUATTRO		3030514	50
D-ST 2,5-QUATTRO-0,8 OG		3030513	50
DS-ST 2,5		3036602	10
ISH 2,5/0,2		3002843	50
ISH 2,5/0,5		3002856	50
ISH 2,5/1,0		3002869	50
FBS 2-5	24 A	3030161	50
FBS 3-5	24 A	3030174	50
FBS 4-5	24 A	3030187	50
FBS 5-5	24 A	3030190	50
FBS 10-5	24 A	3030213	10
FBS 20-5	24 A	3030226	10
ATP-ST QUATTRO		3030815	50
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-5		3030983	10
WST 2,5		3030941	50
SZF 1-0,6X3,5		1204517	10

Accessories			
D-ST 4-QUATTRO		3030527	50
DS-ST 4		3036615	10
ISH 4/0,5		3002885	50
ISH 4/1,0		3002898	50
FBS 2-6	32 A	3030336	50
FBS 3-6	32 A	3030242	50
FBS 4-6	32 A	3030255	50
FBS 5-6	32 A	3030349	50
FBS 10-6	32 A	3030271	10
FBS 20-6	32 A	3030365	10
ATP-ST QUATTRO		3030815	50
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-6		3030996	10
WST 4		3030954	50
SZF 1-0,6X3,5		1204517	10

UC-TM 5, UCT-TM 5 or ZB 5
(see Catalog 5)
UC-TMF 5, UCT-TMF 5 or ZBF 5
(see Catalog 5)

UC-TM 5, UCT-TM 5 or ZB 5
(see Catalog 5)
UC-TMF 5, UCT-TMF 5 or ZBF 5
(see Catalog 5)

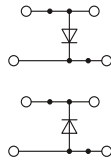
UC-TM 6, UCT-TM 6 or ZB 6
(see Catalog 5)
UC-TMF 6, UCT-TMF 6 or ZBF 6
(see Catalog 5)

Modular terminal blocks - CLIPLINE complete

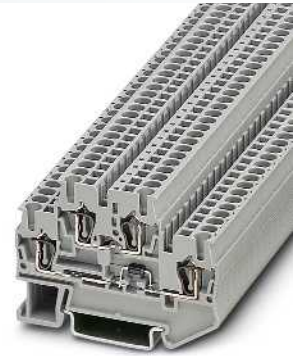
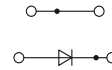
ST spring-cage connection terminal blocks

STTB 2,5... diode and LED double-level terminal blocks

- Double-level diode and light indicator terminal blocks carry out a great variety of switching tasks
- For more versions and versions for soldering in components yourself, visit www.phoenixcontact.net/products



2.5 (4) mm², 26 A, double-level diode terminal block



2.5 (4) mm², 26 A, double-level diode terminal block

Notes:
For more plug-in bridges, see page 472.
1) The max. current is determined by the diode. Integrated: diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.
2) The operating voltage is determined by the LED version.



Dimensions	[mm]
Max. electrical data	
Rated data	
Rated voltage [V]	500
Nominal current / cross section [A] / [mm ²]	22 ¹⁾ / 2.5
Rated cross section [mm ²]	2.5
Cross section range AWG	28 - 12
Connection capacity	
1 conductor [mm ²]	0.08 - 4
Two stranded conductors with a TWIN ferrule [mm ²]	0.08 - 2.5
General data	
Stripping length [mm]	10
Insulating material	PA
Inflammability class according to UL 94	V0

Technical data				
Width	Length	Height NS 35/7,5		
5.2	67.5	47.5		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG	
26 ¹⁾	500	0.08 - 4	28 - 12	
IEC	UL/CUL	CSA	IEC/EN 60079-7	
500	600	300	-	
22 ¹⁾ / 2.5	20 / -	-	-	
2.5	-	-	-	
28 - 12	28-12	28-12	-	
solid		stranded Ferrule		
		Without / with plastic sleeve		
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5	
0.5				
10	PA	V0		

Technical data				
Width	Length	Height NS 35/7,5		
5.2	67.5	47.5		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG	
26 ¹⁾	500	0.08 - 4	28 - 12	
IEC	UL/CUL	CSA	IEC/EN 60079-7	
500	600	300	-	
22 ¹⁾ / 2.5	20 / -	-	-	
2.5	-	-	-	
28 - 12	28-12	28-12	-	
solid		stranded Ferrule		
		Without / with plastic sleeve		
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5	
0.5				
10	PA	V0		

Description	No. of pos.	Color
Terminal block , with integrated 1N 4007 diode, conducting from top to bottom		gray
Spring-cage terminal block , with integrated 1N 4007 diode, conducting direction from bottom to top		gray
Terminal block , with integrated 1N 4007 diode, conducting from right to left		gray
Terminal block , with two integrated 1N 4007 diodes, conducting from top to bottom left and from bottom right to bottom left		gray
Terminal block , with two integrated 1N 4007 diodes, conducting direction from top to bottom left and from top to bottom right		gray
Terminal block , with light indicator		
With light indicator for 12-30 V DC, 0.7-2.4 mA		gray
With light indicator for 30-60 V DC, 0.8-1.8 mA		gray
With light indicator for 110-230 V AC/DC, 0.1-0.5 mA		gray
Terminal block , with integrated PT 100 temperature sensor and fitted cover		gray

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
STTB 2,5-DIO/O-U		3031555	50
STTB 2,5-DIO/U-O		3031563	50
STTB 2,5-DIO/UL-UR		3031571	50

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
STTB 2,5-DIO/O-U		3031555	50
STTB 2,5-DIO/U-O		3031563	50
STTB 2,5-DIO/UL-UR		3031571	50

Cover , width 2.2 mm	gray
Plug-in bridge	
	2 red
	5 red
	10 red
Double marker carrier , can be snapped into STTB 2,5, STTB 4, PTTB 2,5 PTTB 4 double-level terminal blocks, can be labeled with UC-TM 5, ZB 5 or UC-TMF 5, ZBF 5	gray
Warning cover , for actuation shafts, 5-pos.	yellow

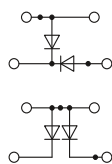
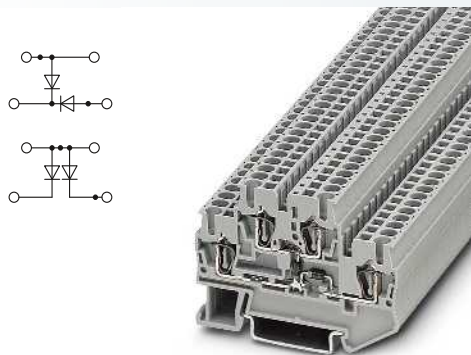
Accessories			
D-STTB 2,5		Order No.	Pcs. / Pkt.
FBS 2-5	20 A	3030161	50
FBS 5-5	20 A	3030190	50
FBS 10-5	20 A	3030213	10
STP 5-2		0800967	100
WST 2,5		3030941	50

Accessories			
D-STTB 2,5		Order No.	Pcs. / Pkt.
FBS 2-5	20 A	3030161	50
FBS 5-5	20 A	3030190	50
FBS 10-5	20 A	3030213	10
STP 5-2		0800967	100
WST 2,5		3030941	50

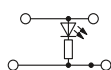
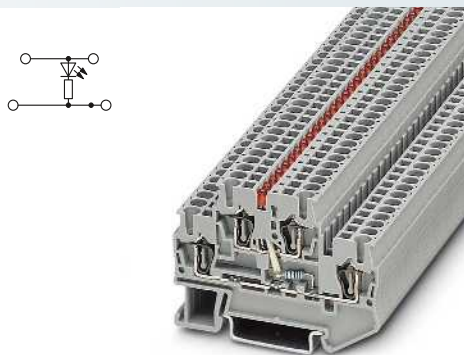
Center and lateral groove labeling

UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)

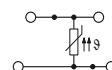
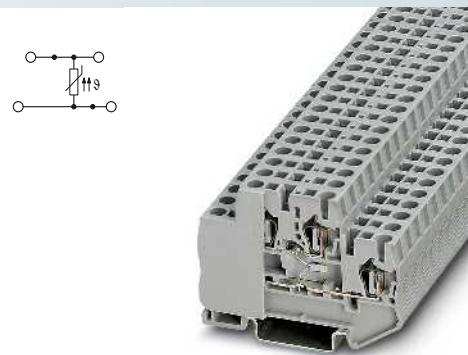
UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)



2.5 (4) mm², 26 A, double-level diode terminal block



2.5 (4) mm², 26 A, double-level terminal block with LED



2.5 (4) mm², double-level terminal block with PT 100 temperature sensor



Technical data			
Width	Length	Height NS 35/7,5	
5.2	67.5	47.5	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
26 ¹⁾	250	0.08 - 4	28 - 12
IEC	UL/CUL	CSA	IEC/EN 60079-7
250	600	300	-
22 ¹⁾ / 2.5	20 / -	-	-
2.5	-	-	-
28 - 12	28-12	28-12	-
solid	stranded	Ferrule	
Without / with plastic sleeve			
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5
0.5			
10	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
5.2	67.5	47.5	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
26	500 ²⁾	0.08 - 4	28 - 12
IEC	UL/CUL	CSA	IEC/EN 60079-7
500 ²⁾	600	-	-
22 / 2.5	20 / -	-	-
2.5	-	-	-
28 - 12	28-12	-	-
solid	stranded	Ferrule	
Without / with plastic sleeve			
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5
0.5			
10	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
7.4	67.5	47.5	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
-	-	0.08 - 4	28 - 12
IEC	UL/CUL	CSA	IEC/EN 60079-7
-	-	-	-
-	- / -	-	-
2.5	-	-	-
28 - 12	-	-	-
solid	stranded	Ferrule	
Without / with plastic sleeve			
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5
0.5			
10	PA	V0	

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
STTB 2,5-2DIO/O-UL/UR-UL		3031584	50
STTB 2,5-2DIO/O-UL/O-UR		3031597	50

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
STTB 2,5-LA 24 RD		3031607	50
STTB 2,5-LA 60 RD		3031610	50
STTB 2,5-LA230		3031623	50

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
STTB 2,5-PT100 MD		3035564	50

Accessories			
D-STTB 2,5		3030459	50
FBS 2-5	20 A	3030161	50
FBS 5-5	20 A	3030190	50
FBS 10-5	20 A	3030213	10
STP 5-2		0800967	100
WST 2,5		3030941	50

Accessories			
D-STTB 2,5		3030459	50
FBS 2-5	20 A	3030161	50
FBS 5-5	20 A	3030190	50
FBS 10-5	20 A	3030213	10
STP 5-2		0800967	100
WST 2,5		3030941	50

Accessories			
FBS 2-5	20 A	3030161	50
FBS 5-5	20 A	3030190	50
FBS 10-5	20 A	3030213	10
STP 5-2		0800967	100
WST 2,5		3030941	50

UC-TMF 5, UCT-TMF 5 or ZBF 5
(see Catalog 5)

UC-TMF 5, UCT-TMF 5 or ZBF 5
(see Catalog 5)

UC-TMF 5, UCT-TMF 5 or ZBF 5
(see Catalog 5)

ST spring-cage connection terminal blocks

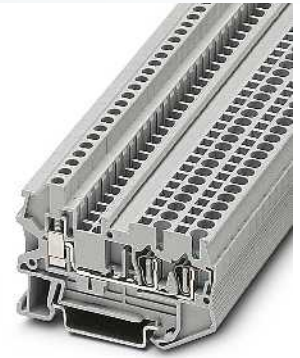
STU ... hybrid terminal blocks with screw connection on one side



The advantages of the different connection methods are:

- The TWIN spring-cage connection is used on the internal control cabinet side and the universal screw connection is used on the end customer side
- Compact design
- Can be consistently bridged to standard terminal blocks in the ST spring-cage terminal block series
- Operational large and continuous labeling
- Ground terminal blocks of the same shape meet all the requirements of standard IEC 60947-7-2

Notes:
For current carrying capacity of DIN rails, see page 716.



2.5 (4) mm², 28 A, feed-through terminal block, 3 connections



Dimensions	[mm]
Max. 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 of screw connection	
1 conductor	[mm ²]
Two conductors (of the same type)	[mm ²]
Two stranded conductors with a TWIN ferrule	[mm ²]
Connection capacity of spring-cage connection	
1 conductor	[mm ²]
Two conductors with a TWIN ferrule	[mm ²]
General data	
Stripping length, screw connection	[mm]
Stripping length, spring-cage connection	[mm]
Screw thread	
Tightening torque	[Nm]
Insulating material	
Inflammability class according to UL 94	

Technical data			
Width	Length	Height NS 35/7,5	
5.2	65.3	42.8	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG
28	800	0.08 - 4	28 - 12
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
800	600	600	-
24 / 2.5	20 / -	20 / -	-
2.5	-	-	-
28 - 12	28-12	28-12	-
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.14 - 4	0.14 - 2.5	0.14 - 2.5	0.14 - 2.5
0.14 - 2.5	0.2 - 2.5	0.14 - 1.5	-
		0.5 - 1	
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5
		0.5 - 1	
General data			
Stripping length, screw connection [mm] 9			
Stripping length, spring-cage connection [mm] 10			
Screw thread M3			
Tightening torque [Nm] 0.6 - 0.8			
Insulating material PA			
Inflammability class according to UL 94 V0			

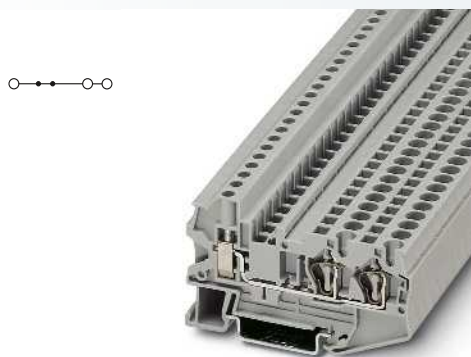
Description	No. of pos.	Color
Terminal block, for mounting on NS 35...		gray blue
Ground terminal block, for mounting on NS 35...		green-yellow

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
STU 2,5-TWIN		3033016	50
STU 2,5-TWIN BU		3033029	50

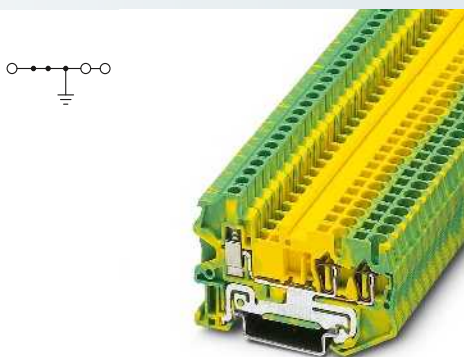
Cover, width 2.2 mm		gray
Insulation stop sleeve, cross section range:		
0.08 - 0.2 mm ²		white
0.25 - 0.5 mm ²		gray
0.75 - 1 mm ²		black
Plug-in bridge		
	2	red
	3	red
	4	red
	5	red
	10	red
	20	red
Test plug metal part, 2.3 mm Ø		red
Insulating sleeve, for MPS metal part		red
Modular test plug, for the individual assembly of test plug strips		red
Warning cover, for actuation shafts, 5-pos.		yellow

Accessories			
D-STU 2,5-TWIN		Order No.	Pcs. / Pkt.
		3033045	50
ISH 2,5/0,2		3002843	50
ISH 2,5/0,5		3002856	50
ISH 2,5/1,0		3002869	50
FBS 2-5	24 A	3030161	50
FBS 3-5	24 A	3030174	50
FBS 4-5	24 A	3030187	50
FBS 5-5	24 A	3030190	50
FBS 10-5	24 A	3030213	10
FBS 20-5	24 A	3030226	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-5		3030983	10
WST 2,5		3030941	50
SZF 1-0,6X3,5		1204517	10

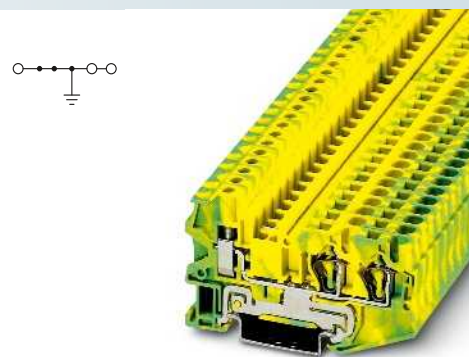
Center groove labeling	UC-TM 5, UCT-TM 5 or ZB 5 (see Catalog 5)
Center and lateral groove labeling	UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)



4 (6) mm², 38 A, feed-through terminal block, 3 connections



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



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



Technical data			
Width	Length	Height NS 35/7,5	
6.2	74.4	42.8	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG
38	800	0.08 - 6	28 - 10
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
800	600	600	-
32 / 4	30 / -	30 / -	-
4	-	-	-
28 - 10	28-10	28-10	-
solid	stranded	Ferrule	
Without / with plastic sleeve			
0.14 - 6	0.14 - 4	0.14 - 4	0.14 - 4
0.14 - 1.5	0.14 - 1.5	0.14 - 1.5	-
0.5 - 2.5			
solid	stranded	Ferrule	
Without / with plastic sleeve			
0.08 - 6	0.08 - 4	0.14 - 4	0.14 - 4
0.5 - 1			
10			
10			
M3			
0.6 - 0.8			
PA			
V0			

Technical data			
Width	Length	Height NS 35/7,5	
5.2	65.3	42.8	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG
-	-	0.08 - 4	28 - 12
IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/EN 60079-7
-	-	-	-
-	-	-	-
2.5	-	-	-
28 - 12	28-12	28-12	-
solid	stranded	Ferrule	
Without / with plastic sleeve			
0.14 - 4	0.14 - 2.5	0.14 - 2.5	0.14 - 2.5
0.14 - 2.5	0.2 - 2.5	0.14 - 1.5	-
0.5 - 1			
solid	stranded	Ferrule	
Without / with plastic sleeve			
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5
0.5 - 1			
9			
10			
M3			
0.6 - 0.8			
PA			
V0			

Technical data			
Width	Length	Height NS 35/7,5	
6.2	74.4	42.8	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG
-	-	0.08 - 6	28 - 10
IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/EN 60079-7
-	-	-	-
-	-	-	-
4	-	-	-
28 - 10	28-10	28-10	-
solid	stranded	Ferrule	
Without / with plastic sleeve			
0.14 - 6	0.14 - 4	0.14 - 4	0.14 - 4
0.14 - 1.5	0.14 - 1.5	0.14 - 1.5	-
0.5 - 2.5			
solid	stranded	Ferrule	
Without / with plastic sleeve			
0.08 - 6	0.08 - 4	0.14 - 4	0.14 - 4
0.5 - 1			
10			
10			
M3			
0.6 - 0.8			
PA			
V0			

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
STU 4-TWIN		3033058	50
STU 4-TWIN BU		3033061	50

Ordering data			
Type		Order No.	Pcs. / Pkt.
STU 2,5-TWIN-PE		3033032	50

Ordering data			
Type		Order No.	Pcs. / Pkt.
STU 4-TWIN-PE		3033074	50

Accessories			
D-STU 4-TWIN		3033087	50
ISH 4/0,5		3002885	50
ISH 4/1,0		3002898	50
FBS 2-6	32 A	3030336	50
FBS 3-6	32 A	3030242	50
FBS 4-6	32 A	3030255	50
FBS 5-6	32 A	3030349	50
FBS 10-6	32 A	3030271	10
FBS 20-6	32 A	3030365	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-6		3030996	10
WST 4		3030954	50
SZF 1-0,6X3,5		1204517	10

Accessories			
D-STU 2,5-TWIN		3033045	50
ISH 2,5/0,2		3002843	50
ISH 2,5/0,5		3002856	50
ISH 2,5/1,0		3002869	50
FBS 2-5		3030161	50
FBS 3-5		3030174	50
FBS 4-5		3030187	50
FBS 5-5		3030190	50
FBS 10-5		3030213	10
FBS 20-5		3030226	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-5		3030983	10
WST 2,5		3030941	50
SZF 1-0,6X3,5		1204517	10

Accessories			
D-STU 4-TWIN		3033087	50
ISH 4/0,5		3002885	50
ISH 4/1,0		3002898	50
FBS 2-6		3030336	50
FBS 3-6		3030242	50
FBS 4-6		3030255	50
FBS 5-6		3030349	50
FBS 10-6		3030271	10
FBS 20-6		3030365	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-6		3030996	10
WST 4		3030954	50
SZF 1-0,6X3,5		1204517	10

UC-TM 6, UCT-TM 6 or ZB 6
(see Catalog 5)
UC-TMF 6, UCT-TMF 6 or ZBF 6
(see Catalog 5)

UC-TM 5, UCT-TM 5 or ZB 5
(see Catalog 5)
UC-TMF 5, UCT-TMF 5 or ZBF 5
(see Catalog 5)

UC-TM 6, UCT-TM 6 or ZB 6
(see Catalog 5)
UC-TMF 6, UCT-TMF 6 or ZBF 6
(see Catalog 5)

ST spring-cage connection terminal blocks

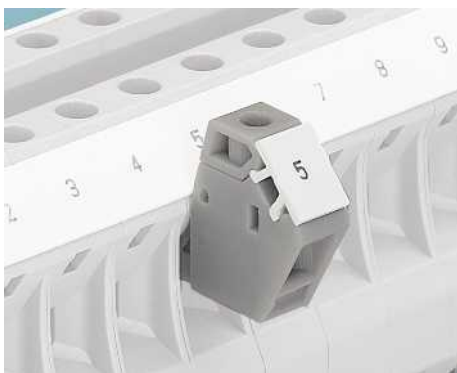
STU 10/ 4X2,5 hybrid terminal block for potential distribution



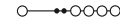
- The STU 10/4x2,5 spring-cage hybrid terminal block is a space-saving potential distributor that distributes a 10 mm² feed line to four 2.5 mm² connections
- It is supplied using a 10 mm² screw connection
- The system-internal distribution is via four spring-cage connections with a nominal cross section of 2.5 mm²
- The double bridge shaft allows further potential distributions
- Can be consistently bridged to standard terminal blocks in the ST spring-cage terminal block series

AGK 4-UT... pick-off terminal blocks

- The fully insulated pick-off terminal block (optional use) permits a voltage pick-off up to a nominal voltage of 1000 V (4 mm²)
- Large area for labeling



Notes:
For more plug-in bridges, see page 472.
1) The total current of all connected conductors must not exceed the max. load current.
2) The reducing bridge table should be followed, see page 476.



10 (16) mm², 60 A, power terminal block, 4 x 2.5 mm² outlets



Dimensions		[mm]	
Max. electrical data			
Rated voltage	[V]	800	600
Nominal current / cross section	[A] / [mm ²]	55 ¹⁾ / 10	50 / -
Rated cross section	[mm ²]	10	-
Cross section range	AWG	20 - 6	20-8
Connection capacity of screw connection			
1 conductor	[mm ²]	0.5 - 16	0.5 - 16
Two conductors (of the same type)	[mm ²]	0.5 - 4	0.5 - 4
Two stranded conductors with a TWIN ferrule	[mm ²]		0.5 - 6
Rated data, spring-cage connection			
Rated voltage	[V]	800	600
Nominal current / cross section	[A] / [mm ²]	24 ¹⁾ / 2.5	50 / -
Cross section range	AWG	28 - 12	-
Connection capacity of spring-cage connection			
1 conductor	[mm ²]	0.08 - 4	0.08 - 2.5
Two stranded conductors with a TWIN ferrule	[mm ²]		0.14 - 2.5
General data			
Stripping length, screw connection	[mm]	10	
Stripping length, spring-cage connection	[mm]	10	
Screw thread		M4	
Tightening torque	[Nm]	1.5 - 1.8	
Insulating material		PA	
Inflammability class according to UL 94		V0	

Technical data				
Width	Length	Height NS 35/7,5		
10.3	68	48.3		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG	
57 ¹⁾	800	0.5 - 16	20 - 6	
IEC 60947-7-1				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
Connection capacity of screw connection				
solid		stranded		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 - 2.5	-	
IEC 60947-7-1				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
Connection capacity of spring-cage connection				
solid		stranded		Ferrule
				Without / with plastic sleeve
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5	
				0.5

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

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
STU 10/ 4X2,5		3033139	50
STU 10/ 4X2,5 BU		3033142	50

Pick-off terminal block , for snapping into the lateral guide		gray
Cover , width 2.2 mm		gray
Plug-in bridge		
	2	red
	5	red
	10	red
	20	red

Accessories			
AGK 4-UT 10		3047112	50
D-STU 10/ 4X2,5		3033197	50
FBS 2-5	24 A	3030161	50
FBS 5-5	24 A	3030190	50
FBS 10-5	24 A	3030213	10
FBS 20-5	24 A	3030226	10

Reducing bridge²⁾		
	2	red
Modular test plug , for the individual assembly of test plug strips		red
Warning cover , for actuation shafts, 5-pos.		yellow

RB ST (2,5/4)-1,5		3038943	10
PS-5		3030983	10
WST 2,5		3030941	50
SZF 2-0,8X4,0		1204520	10

Screwdriver		
Center groove labeling		
Center and lateral groove labeling		

UC-TM 10, UCT-TM 10 or ZB 10 (see Catalog 5)		
UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)		

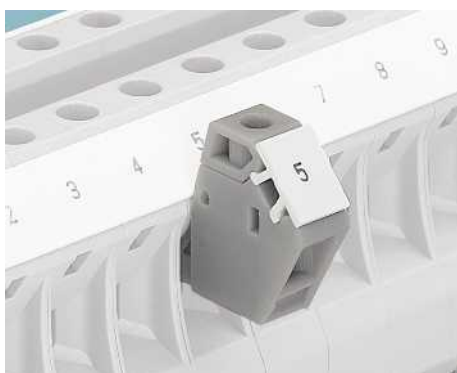
STU 35/ 4X10 hybrid terminal block for potential distribution



- The STU 35/4x10 spring-cage hybrid terminal block is used to subdivide a 35 mm² feed line into four 10 mm² connections
- It is supplied using a 35 mm² screw connection
- The system-internal distribution is via four spring-cage connections with a nominal cross section of 10 mm²
- The double bridge shaft allows further potential distributions
- Can be consistently bridged to standard terminal blocks in the ST spring-cage terminal block series

AGK 4-UT... pick-off terminal blocks

- The fully insulated pick-off terminal block (optional use) permits a voltage pick-off up to a nominal voltage of 1000 V (4 mm²)
- Large area for labeling



Notes:

For more plug-in bridges, see page 472.

1) The total current of all connected conductors must not exceed the max. load current.

2) The reducing bridge table should be followed, see page 476.



35 (50) mm², 125 A, power terminal block, 4 x 10 mm² outlets



Dimensions		[mm]	
Max. electrical data			
Rated voltage	[V]	1000	600
Nominal current / cross section	[A] / [mm ²]	125 ¹⁾ / 35	115 / -
Rated cross section	[mm ²]	35	-
Cross section range	AWG	16 - 1/0	14-2
Connection capacity of screw connection			
1 conductor	[mm ²]	1.5 - 50	1.5 - 35
Two conductors (of the same type)	[mm ²]	1.5 - 16	1.5 - 10
Two stranded conductors with a TWIN ferrule	[mm ²]		1.5 - 10
Rated data, spring-cage connection			
Rated voltage	[V]	1000	600
Nominal current / cross section	[A] / [mm ²]	41 ¹⁾ / 6	115 / -
Cross section range	AWG	24 - 8	-
Connection capacity of spring-cage connection			
1 conductor	[mm ²]	0.2 - 10	0.2 - 6
Two stranded conductors with a TWIN ferrule	[mm ²]		0.25 - 6
General data			
Stripping length, screw connection	[mm]	18	
Stripping length, spring-cage connection	[mm]	12	
Screw thread		M6	
Tightening torque	[Nm]	3.2 - 3.7	
Insulating material		PA	
Inflammability class according to UL 94		V0	

Technical data				
Width	Length	Height NS 35/7,5		
16.2	86	46.8		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG	
125 ¹⁾	1000	1.5 - 50	16 - 1/0	
IEC 60947-7-1				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
Ferrule				
Without / with plastic sleeve				
solid	stranded		1.5 - 35	1.5 - 35
			1.5 - 10	-
				1.5 - 10
IEC 60947-7-1				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
Ferrule				
Without / with plastic sleeve				
solid	stranded		0.25 - 6	0.25 - 6
				0.5 - 1.5

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

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
STU 35/ 4X10		3033126	25
STU 35/ 4X10 BU		3033210	25

Description	No. of pos.	Color
Pick-off terminal block, for snapping into the lateral guide		gray
Plug-in bridge	2	red
	5	red
Reducing bridge ²⁾		
	2	red
Test plug metal part, 2.3 mm Ø		
Insulating sleeve, for MPS metal part		red
Modular test plug, for the individual assembly of test plug strips		red
Screwdriver		
Center and lateral groove labeling		

Accessories			
Type	I _{max}	Order No.	Pcs. / Pkt.
AGK 4-UT 35		3047138	50
FBS 2-8	41 A	3030284	10
FBS 5-8	41 A	3030310	10
RB ST 6-(2,5/4)		3030860	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-8		3031005	10
SZF 3-1,0X5,5		1206612	10
UC-TM 16, UCT-TM 16 or ZB 16,3 (see Catalog 5)			

ST spring-cage connection terminal blocks

STU ... hybrid double-level terminal blocks with screw connection on one side

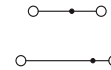
The compact hybrid double-level terminal blocks offer maximum wiring convenience combined with maximum space savings:

- Bridgeable on both levels to implement different switching tasks
- Can be continuously bridged to the STTB 4 standard double-level terminal blocks
- For ease of recognition, each terminal point can be labeled

STP ... double marker carriers

- Optional, large labeling option using STP... double marker carriers

Notes:
For current carrying capacity of DIN rails, see page 716.
For suitable double marker carriers, see page 484.
¹⁾ The total current of all connected conductors must not exceed the max. load current.



4 (6) mm², 36 A, double-level terminal block



Dimensions	
	[mm]
Max. 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 of screw connection	
1 conductor	[mm ²]
Two conductors (of the same type)	[mm ²]
Two stranded conductors with a TWIN ferrule	[mm ²]
Connection capacity of spring-cage connection	
1 conductor	[mm ²]
Two stranded conductors with a TWIN ferrule	[mm ²]
General data	
Stripping length, screw connection	[mm]
Stripping length, spring-cage connection	[mm]
Screw thread	
Tightening torque	[Nm]
Insulating material	
Inflammability class according to UL 94	

Technical data				
Width	Length	Height NS 35/7,5		
6.2	81	55.5		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG	
36	500	0.14 - 6	26 - 10	
IEC 60947-7-1				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
Rated voltage	500	-	-	-
Nominal current / cross section	30 / 4	-	-	-
Rated cross section	4	-	-	-
Cross section range	26 - 10	-	-	-
Connection capacity of screw connection		solid	stranded	Ferrule
		Without / with plastic sleeve		
1 conductor	0.14 - 6	0.14 - 6	0.14 - 4	0.14 - 4
Two conductors (of the same type)	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5	-
Two stranded conductors with a TWIN ferrule				0.5 - 2.5
Connection capacity of spring-cage connection		solid	stranded	Ferrule
		Without / with plastic sleeve		
1 conductor	0.08 - 6	0.08 - 4	0.14 - 4	0.14 - 4
Two stranded conductors with a TWIN ferrule				0.5 - 1
Stripping length, screw connection	[mm]	10		
Stripping length, spring-cage connection	[mm]	10		
Screw thread		M3		
Tightening torque	[Nm]	0.6 - 0.8		
Insulating material		PA		
Inflammability class according to UL 94		V0		

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

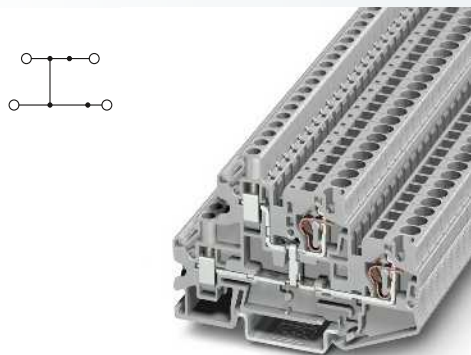
Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
STTB 4		3033155	50
STTB 4 BU		3033168	50

Accessories	Color
Cover, width 2.2 mm	gray
Plug-in bridge	
	2 red
	3 red
	4 red
	5 red
	10 red
	20 red
Partition plate, 2 mm width	gray
Double marker carrier, can be snapped into STTB 2,5, STTB 4, PTTB 2,5 PTTB 4 double-level terminal blocks, can be labeled with UC-TM 5, ZB 5 or UC-TMF 5, ZBF 5	gray

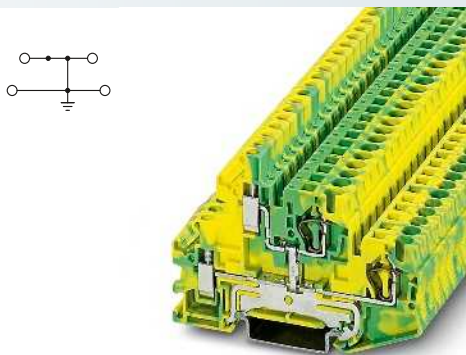
Accessories			
D-STTB 4		Order No.	Pcs. / Pkt.
FBS 2-6	26 A	3030336	50
FBS 3-6	26 A	3030242	50
FBS 4-6	26 A	3030255	50
FBS 5-6	26 A	3030349	50
FBS 10-6	26 A	3030271	10
FBS 20-6	26 A	3030365	10
ATP-STTB 4		3030747	50
STP 5-2		0800967	100

Screwdriver
SZF 1-0,6X3,5
Center groove labeling
UC-TM 6, UCT-TM 6 or ZB 6 (see Catalog 5)
Center and lateral groove labeling
UC-TMF 6, UCT-TMF 6 or ZBF 6 (see Catalog 5)

SZF 1-0,6X3,5	1204517	10
Center groove labeling	UC-TM 6, UCT-TM 6 or ZB 6 (see Catalog 5)	
Center and lateral groove labeling	UC-TMF 6, UCT-TMF 6 or ZBF 6 (see Catalog 5)	



4 (6) mm², 36 A, double-level terminal block, internally connected levels



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



Technical data			
Width	Length	Height NS 35/7,5	
6.2	81	55.5	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
36*)	500	0.14 - 6	26 - 10
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
500	-	-	-
30 / 4	-	-	-
4	-	-	-
26 - 10	-	-	-
solid	stranded	Ferrule Without / with plastic sleeve	
0.14 - 6	0.14 - 6	0.14 - 4	0.14 - 4
0.14 - 1.5	0.14 - 1.5	0.14 - 1.5	-
			0.5 - 2.5
solid	stranded	Ferrule Without / with plastic sleeve	
0.08 - 6	0.08 - 4	0.14 - 4	0.14 - 4
			0.5 - 1
10			
10			
M3			
0.6 - 0.8			
PA			
V0			

Technical data			
Width	Length	Height NS 35/7,5	
6.2	81	55.5	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
36*)	500	0.14 - 6	26 - 10
IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/EN 60079-7
-	-	-	-
-	-	-	-
4	-	-	-
26 - 10	-	-	-
solid	stranded	Ferrule Without / with plastic sleeve	
0.14 - 6	0.14 - 6	0.14 - 4	0.14 - 4
0.14 - 1.5	0.14 - 1.5	0.14 - 1.5	-
			0.5 - 2.5
solid	stranded	Ferrule Without / with plastic sleeve	
0.08 - 6	0.08 - 4	0.14 - 4	0.14 - 4
			0.5 - 1
10			
10			
M3			
0.6 - 0.8			
PA			
V0			

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
STTB 4-PV		3033184	50

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
STTB 4-PE		3033171	50

Accessories			
D-STTB 4		3033207	50
FBS 2-6	26 A	3030336	50
FBS 3-6	26 A	3030242	50
FBS 4-6	26 A	3030255	50
FBS 5-6	26 A	3030349	50
FBS 10-6	26 A	3030271	10
FBS 20-6	26 A	3030365	10
ATP-STTB 4		3030747	50
STP 5-2		0800967	100
SZF 1-0,6X3,5		1204517	10

Accessories			
D-STTB 4		3033207	50
FBS 2-6		3030336	50
FBS 3-6		3030242	50
FBS 4-6		3030255	50
FBS 5-6		3030349	50
FBS 10-6		3030271	10
FBS 20-6		3030365	10
ATP-STTB 4		3030747	50
STP 5-2		0800967	100
SZF 1-0,6X3,5		1204517	10

UC-TM 6, UCT-TM 6 or ZB 6
(see Catalog 5)
UC-TMF 6, UCT-TMF 6 or ZBF 6
(see Catalog 5)

UC-TM 6, UCT-TM 6 or ZB 6
(see Catalog 5)
UC-TMF 6, UCT-TMF 6 or ZBF 6
(see Catalog 5)

ST spring-cage connection terminal blocks

STS ... desk-design feed-through terminal blocks



The extremely compact STS ... spring-cage terminal blocks in desk design were developed for wiring systems where space is saved by means of underfloor wiring. They are characterized by:

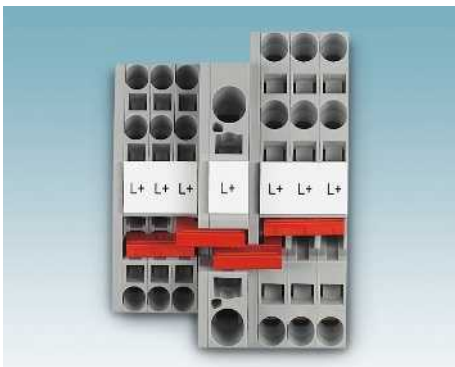
- Angled conductor entry for use in flat terminal boxes
- User-friendly wiring thanks to front connection
- Large space saving when used in concealed wiring systems
- The STS 2,5 and STS 4 are fitted with four bridge shafts which opens up a large number of potential bridging options
- Feed-through terminal blocks with 2, 3 or 4 connections have the same shape

Terminal strip service

We produce fully pre-assembled terminal strips for fitting straight into the control cabinet or switch system. This simplifies installation, saves time, and cuts costs.

Potential infeed

- Using the RB ST 6-(2,5/4) reducing bridge is the easiest way of producing potential infeeds on spring-cage terminal blocks with smaller cross sections



Notes:
1) For installation notes on the use of accessories for Ex e applications, see page 710.
2) The reducing bridge table should be followed, see page 476.



2.5 (4) mm², 31 A, feed-through terminal block



Ex: PTB 07ATEX1027U / IECEx PTB 07.0024U

Dimensions		[mm]	
Max. electrical data			
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
31	800	0.08 - 4	28 - 12
IEC 60947-7-1			
Rated data			
Rated voltage	[V]	800	600
Nominal current / cross section	[A] / [mm ²]	24 / 2.5	20 / -
Rated cross section	[mm ²]	2.5	-
Cross section range	AWG	28 - 12	28-12
Connection capacity			
1 conductor	[mm ²]	0.08 - 4	0.08 - 2.5
Two stranded conductors with a TWIN ferrule	[mm ²]		0.14 - 2.5
General data			
Stripping length	[mm]	10	
Insulating material		PA	
Inflammability class according to UL 94		V0	

Technical data				
Width	Length	Height NS 35/7,5		
5.2	49	43		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG	
31	800	0.08 - 4	28 - 12	
IEC 60947-7-1				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
Rated voltage	[V]	800	600	550
Nominal current / cross section	[A] / [mm ²]	24 / 2.5	20 / -	20.5 / 2.5 // 26.5 / 4
Rated cross section	[mm ²]	2.5	-	2.5
Cross section range	AWG	28 - 12	28-12	28 - 12
Connection capacity				
		Ferrule		
		Without / with plastic sleeve		
1 conductor	[mm ²]	0.08 - 4	0.08 - 2.5	0.14 - 2.5
Two stranded conductors with a TWIN ferrule	[mm ²]			0.5
General data				
Stripping length	[mm]	10		
Insulating material		PA		
Inflammability class according to UL 94		V0		

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

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
STS 2,5		3036398	50
STS 2,5 BU		3036408	50
STS 2,5 OG		3037478	50
STS 2,5 RD		3037601	50

Cover, width 2.2 mm	gray
Insulation stop sleeve , cross section range:	
0.08 - 0.2 mm ²	white
0.25 - 0.5 mm ²	gray
0.75 - 1 mm ²	black
Plug-in bridge	
	2 red
	3 red
	4 red
	5 red
	10 red
	20 red

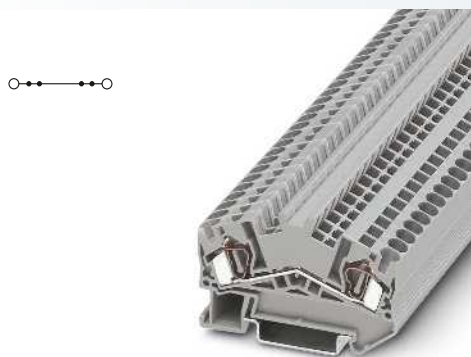
Accessories ¹⁾		
D-ST 2,5	Order No.	Pcs.
D-ST 2,5	3031762	50
ISH 2,5/0,2	3002843	50
ISH 2,5/0,5	3002856	50
ISH 2,5/1,0	3002869	50
FBS 2-5	24 A	3030161
FBS 3-5	24 A	3030174
FBS 4-5	24 A	3030187
FBS 5-5	24 A	3030190
FBS 10-5	24 A	3030213
FBS 20-5	24 A	3030226

Reducing bridge ²⁾	
	2 red
Partition plate, 2 mm width	gray
Test adapter, 4-mm test socket hole	gray
Test plug metal part, 2.3 mm Ø	
Insulating sleeve, for MPS metal part	red
Modular test plug, for the individual assembly of test plug strips	red
Warning cover, for actuation shafts, 5-pos.	yellow

ATP-QTC	3206209	50
PAI-4-N GY	3032871	10
MPS-MT	0201744	10
MPS-IH RD	0201676	10
PS-5	3030983	10
WST 2,5	3030941	50
SZF 1-0,6X3,5	1204517	10

Screwdriver	
Center groove labeling	

UC-TM 5, UCT-TM 5 or ZB 5 (see Catalog 5)	
-------------------------------------------	--



4 (6) mm², 38 A, feed-through terminal block



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



Ex: PTB 07ATEX1027U / IECEx PTB 07.0024U



PTB 07ATEX1027U / IECEx PTB 07.0024U

Technical data			
Width	Length	Height NS 35/7,5	
6.2	64.5	43	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
38	800	0.08 - 6	28 - 10
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/ EN 60079-7
800	600	600	550
32 / 4	30 / -	30 / -	28.5 / 4 // 34.5 / 6
4	-	-	4
28 - 10	28-10	28-10	28 - 10
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.08 - 6	0.08 - 4	0.14 - 4	0.14 - 4 0.5 - 1
10	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
8.2	58	50	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
57	800	0.2 - 10	24 - 8
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/ EN 60079-7
800	600	600	-
41 / 6	50 / -	50 / -	-
6	-	-	-
24 - 8	24-8	24-8	-
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.2 - 10	0.2 - 6	0.25 - 6	0.25 - 6 0.25 - 1.5
12	PA	V0	

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
STS 4		3036424	50
STS 4 BU		3036437	50
STS 4 OG		3037481	50
STS 4 RD		3037494	50

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
STS 6		3038121	50
STS 6 BU		3038134	50

Accessories ¹⁾			
D-ST5 4		3031704	50
ISH 4/0,5		3002885	50
ISH 4/1,0		3002898	50
FBS 2-6	32 A	3030336	50
FBS 3-6	32 A	3030242	50
FBS 4-6	32 A	3030255	50
FBS 5-6	32 A	3030349	50
FBS 10-6	32 A	3030271	10
FBS 20-6	32 A	3030365	10
ATP-ST 6		3024481	50
PAI-4-N GY		3032871	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-6		3030996	10
WST 4		3030954	50
SZF 1-0,6X3,5		1204517	10

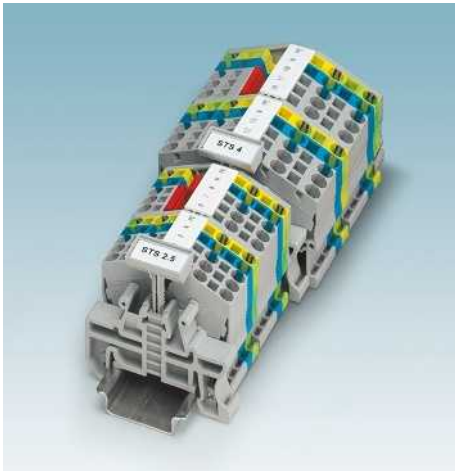
Accessories ¹⁾			
D-ST5 6		3038189	50
FBS 2-8	41 A	3030284	10
FBS 3-8	41 A	3030297	10
FBS 4-8	41 A	3030307	10
FBS 5-8	41 A	3030310	10
FBS 10-8	41 A	3030323	10
RB ST 6-(2,5/4)		3030860	10
ATP-ST 6		3024481	50
PAI-4-N GY		3032871	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-8		3031005	10
SZF 2-0,8X4,0		1204520	10

UC-TM 6, UCT-TM 6 or ZB 6 (see Catalog 5)

UC-TM 8, UCT-TM 8 or ZB 8 (see Catalog 5)

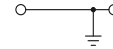
ST spring-cage connection terminal blocks

STS ...-PE desk-design ground terminal blocks



- Same shape and pitch as the feed-through terminal blocks
- Contact is made free from mechanical and electrical errors by simply snapping onto the DIN rail
- All the requirements of standard IEC 60947-7-2 are met

Notes:
For current carrying capacity of DIN rails, see page 716.
1) For installation notes on the use of accessories for Ex e applications, see page 710.



2.5 (4) mm², ground terminal block



Ex: PTB 07ATEX1027U / IECEx PTB 07.0024U

Dimensions		[mm]
Max. electrical data		
Rated data		
Rated voltage	[V]	-
Nominal current / cross section	[A] / [mm ²]	- / -
Rated cross section	[mm ²]	2.5
Cross section range	AWG	28 - 12
Connection capacity		
1 conductor	[mm ²]	0.08 - 4
Two stranded conductors with a TWIN ferrule	[mm ²]	0.08 - 2.5
General data		
Stripping length	[mm]	10
Insulating material		PA
Inflammability class according to UL 94		V0

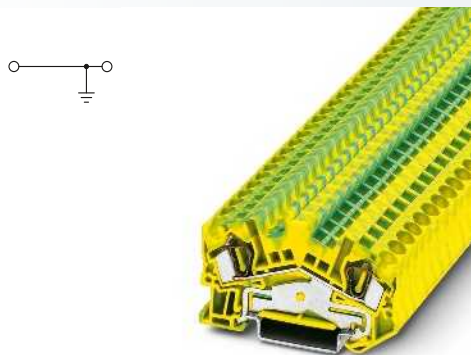
Technical data			
Width	Length	Height NS 35/7,5	
5.2	49	43	
		max. Ø [mm ²]	AWG
		0.08 - 4	28 - 12
IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/EN 60079-7
-	-	-	(Ex)
Ferrule			
		Without / with plastic sleeve	
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5
		0.5	

Description	No. of pos.	Color
Ground terminal block , for mounting on NS 35...		green-yellow

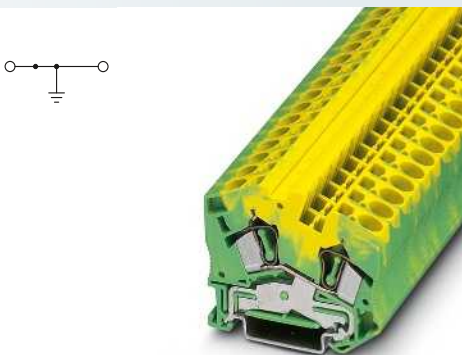
Ordering data		
Type	Order No.	Pcs. / Pkt.
STS 2,5-PE	3036411	50

Cover , width 2.2 mm		gray
Insulation stop sleeve , cross section range:		
0.08 - 0.2 mm ²		white
0.25 - 0.5 mm ²		gray
0.75 - 1 mm ²		black
Plug-in bridge		
	2	red
	3	red
	4	red
	5	red
	10	red
Partition plate , 2 mm width		gray
Test adapter , 4-mm test socket hole		gray
Test plug metal part , 2.3 mm Ø		
Insulating sleeve , for MPS metal part		red
Modular test plug , for the individual assembly of test plug strips		red
Warning cover , for actuation shafts, 5-pos.		yellow
Screwdriver		
Center groove labeling		

Accessories ¹⁾		
D-ST5 2,5	3031762	50
ISH 2,5/0,2	3002843	50
ISH 2,5/0,5	3002856	50
ISH 2,5/1,0	3002869	50
ATP-QTC	3206209	50
WST 2,5	3030941	50
SZF 1-0,6X3,5	1204517	10
UC-TM 5, UCT-TM 5 or ZB 5 (see Catalog 5)		



4 (6) mm², ground terminal block



6 (10) mm², ground terminal block

Ex:
 PTB 07ATEX1027U / IECEx PTB 07.0024U

Technical data			
Width	Length	Height NS 35/7,5	
6.2	64.5	43	
		max. Ø [mm ²]	AWG
		0.08 - 6	28 - 10
IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/ EN 60079-7
-	-	-	-
4	- / -	-	4
28 - 10	28-10	28-10	28 - 10
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.08 - 6	0.08 - 4	0.14 - 4	0.14 - 4 0.5 - 1
10			
PA			
V0			

Technical data			
Width	Length	Height NS 35/7,5	
8.2	58	50	
		max. Ø [mm ²]	AWG
		0.2 - 10	24 - 8
IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/ EN 60079-7
-	-	-	-
6	- / -	-	-
24 - 8	24-8	24-8	-
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.2 - 10	0.2 - 6	0.25 - 6	0.25 - 6 0.25 - 1.5
12			
PA			
V0			

Ordering data		
Type	Order No.	Pcs. / Pkt.
STS 4-PE	3036440	50

Ordering data		
Type	Order No.	Pcs. / Pkt.
STS 6-PE	3038147	50

Accessories ¹⁾		
D-ST5 4	3031704	50
ISH 4/0,5	3002885	50
ISH 4/1,0	3002898	50
ATP-ST 6	3024481	50
WST 4	3030954	50
SZF 1-0,6X3,5	1204517	10

Accessories ¹⁾		
D-ST5 6	3038189	50
FBS 2-8	3030284	10
FBS 3-8	3030297	10
FBS 4-8	3030307	10
FBS 5-8	3030310	10
FBS 10-8	3030323	10
ATP-ST 6	3024481	50
PAI-4-N GY	3032871	10
MPS-MT	0201744	10
MPS-IH RD	0201676	10
PS-8	3031005	10
SZF 2-0,8X4,0	1204520	10

UC-TM 6, UCT-TM 6 or ZB 6
(see Catalog 5)

UC-TM 8, UCT-TM 8 or ZB 8
(see Catalog 5)

ST spring-cage connection terminal blocks

STS ...-TWIN feed-through terminal blocks with 3 connections, in desk design



- Same shape and pitch as the feed-through terminal blocks
- Cross connection to neighboring feed-through terminal blocks with FBS ... continuous plug-in bridge system

Compact STS 4-TWIN/L

- The space requirements of the 4 mm² feed-through terminal block with 3 connections is minimized by the compact snap-on foot of the STS 4-TWIN/L

Notes:
1) The total current of all connected conductors must not exceed the max. load current.
2) For installation notes on the use of accessories for Ex e applications, see page 710.
3) The reducing bridge table should be followed, see page 476.



2.5 (4) mm², 28 A, feed-through terminal block, 3 connections

Ex: PTB 07ATEX1027U / IECEx PTB 07.0024U

Dimensions		[mm]	
Max. electrical data			
Rated data			
Rated voltage	[V]	800	600
Nominal current / cross section	[A] / [mm ²]	24 ¹⁾ / 2.5	20 / -
Rated cross section	[mm ²]	2.5	-
Cross section range	AWG	28 - 12	28-12
Connection capacity			
1 conductor	[mm ²]	0.08 - 4	0.08 - 2.5
Two stranded conductors with a TWIN ferrule	[mm ²]		0.14 - 2.5
General data			
Stripping length	[mm]	10	
Insulating material		PA	
Inflammability class according to UL 94		V0	

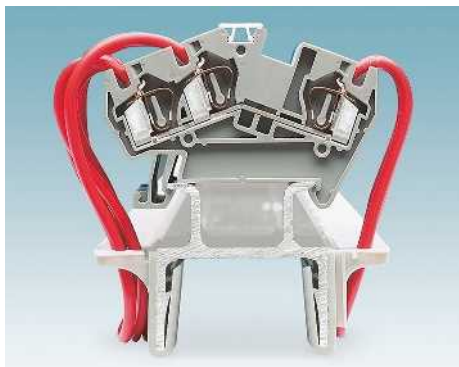
Technical data				
Width	Length	Height NS 35/7,5		
5.2	51	43		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG	
28 ¹⁾	800	0.08 - 4	28 - 12	
IEC 60947-7-1				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
24 ¹⁾ / 2.5	20 / -	20 / -	21 / 2.5 // 25.5 / 4	
2.5	-	-	2.5	
28 - 12	28-12	28-12	28 - 12	
Connection capacity				
		Ferrule		
		Without / with plastic sleeve		
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5	
0.5				
10				
PA				
V0				

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

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
STS 2,5-TWIN		3031720	50
STS 2,5-TWIN BU		3036275	50
STS 2,5-TWIN OG		3037504	50

Accessories ²⁾		
Cover, width 2.2 mm		gray
Insulation stop sleeve, cross section range:		
0.08 - 0.2 mm ²		white
0.25 - 0.5 mm ²		gray
0.75 - 1 mm ²		black
Plug-in bridge		
	2	red
	3	red
	4	red
	5	red
	10	red
	20	red
Reducing bridge ³⁾		
	2	red
Partition plate, 2 mm width		gray
Test adapter, 4-mm test socket hole		gray
Test plug metal part, 2.3 mm Ø		
Insulating sleeve, for MPS metal part		red
Modular test plug, for the individual assembly of test plug strips		red
Warning cover, for actuation shafts, 5-pos.		yellow
Screwdriver		
Center groove labeling		

Accessories ²⁾		
D-ST5 2,5		3031762
ISH 2,5/0,2		3002843
ISH 2,5/0,5		3002856
ISH 2,5/1,0		3002869
FBS 2-5	24 A	3030161
FBS 3-5	24 A	3030174
FBS 4-5	24 A	3030187
FBS 5-5	24 A	3030190
FBS 10-5	24 A	3030213
FBS 20-5	24 A	3030226
ATP-QTC		3206209
PAI-4-N GY		3032871
MPS-MT		0201744
MPS-IH RD		0201676
PS-5		3030983
WST 2,5		3030941
SZF 1-0,6X3,5		1204517
UC-TM 5, UCT-TM 5 or ZB 5 (see Catalog 5)		





4 (6) mm², 38 A, feed-through terminal block, 3 connections



4 (6) mm², 38 A, feed-through terminal block, 3 connections



6 (10) mm², 57 A, feed-through terminal block, 3 connections

UL US PC VDE ABS B KRF ClassNK CCA

Ex: IEC
PTB 07ATEX1027U / IECEx PTB 07.0024U

UL US PC VDE ABS B KRF ClassNK CB

UL US ABS B KRF ClassNK

Technical data			
Width	Length	Height NS 35/7,5	
6.2	64.5	43	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG
38 ¹⁾	800	0.08 - 6	28 - 10
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
800	600	600	550
32 ¹⁾ / 4	30 / -	30 / -	30 / 4 // 33 / 6
4	-	-	4
28 - 10	28-10	28-10	28 - 10
solid	stranded	Ferrule	
Without / with plastic sleeve			
0.08 - 6	0.08 - 4	0.14 - 4	0.14 - 4 0.5 - 1
10	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
6.2	64.6	43	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG
38 ¹⁾	800	0.08 - 6	28 - 10
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
800	600	-	-
32 ¹⁾ / 4	30 / -	-	-
4	-	-	-
28 - 10	28-10	-	-
solid	stranded	Ferrule	
Without / with plastic sleeve			
0.08 - 6	0.08 - 4	0.14 - 4	0.14 - 4 0.5 - 1
10	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
8.2	70	50	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG
57 ¹⁾	800	0.2 - 10	24 - 8
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
800	600	600	-
41 ¹⁾ / 6	50 / -	50 / -	-
6	-	-	-
24 - 8	24-8	24-8	-
solid	stranded	Ferrule	
Without / with plastic sleeve			
0.2 - 10	0.2 - 6	0.25 - 6	0.25 - 6 0.25 - 1.5
12	PA	V0	

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
STS 4-TWIN		3031665	50
STS 4-TWIN BU		3036291	50
STS 4-TWIN OG		3037533	50

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
STS 4-TWIN/L		3036592	50
STS 4-TWIN/L BU		3036589	50

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
STS 6-TWIN		3038150	50
STS 6-TWIN BU		3038163	50

Accessories ²⁾			
D-STX 4		3031704	50
ISH 4/0,5		3002885	50
ISH 4/1,0		3002898	50
FBS 2-6	32 A	3030336	50
FBS 3-6	32 A	3030242	50
FBS 4-6	32 A	3030255	50
FBS 5-6	32 A	3030349	50
FBS 10-6	32 A	3030271	10
FBS 20-6	32 A	3030365	10
ATP-ST 6		3024481	50
PAI-4-N GY		3032871	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-6		3030996	10
WST 4		3030954	50
SZF 1-0,6X3,5		1204517	10

Accessories ²⁾			
D-STX 4-TWIN/L		3036770	50
ISH 4/0,5		3002885	50
ISH 4/1,0		3002898	50
FBS 2-6	32 A	3030336	50
FBS 3-6	32 A	3030242	50
FBS 4-6	32 A	3030255	50
FBS 5-6	32 A	3030349	50
FBS 10-6	32 A	3030271	10
FBS 20-6	32 A	3030365	10
ATP-ST 6		3024481	50
PAI-4-N GY		3032871	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-6		3030996	10
WST 4		3030954	50
SZF 1-0,6X3,5		1204517	10

Accessories ²⁾			
D-STX 6-TWIN		3038202	50
FBS 2-8	41 A	3030284	10
FBS 3-8	41 A	3030297	10
FBS 4-8	41 A	3030307	10
FBS 5-8	41 A	3030310	10
FBS 10-8	41 A	3030323	10
RB ST 6-(2,5/4)		3030860	10
ATP-ST 6		3024481	50
PAI-4-N GY		3032871	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-8		3031005	10
SZF 2-0,8X4,0		1204520	10

UC-TM 6, UCT-TM 6 or ZB 6
(see Catalog 5)

UC-TM 6, UCT-TM 6 or ZB 6
(see Catalog 5)

UC-TM 8, UCT-TM 8 or ZB 8
(see Catalog 5)

ST spring-cage connection terminal blocks

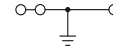
Ground terminal blocks with 3 connections, in desk design STS ...-TWIN-PE

- Same shape and pitch as the feed-through terminal blocks
- Contact is made free from mechanical and electrical errors by simply snapping onto the DIN rail
- All the requirements of standard IEC 60947-7-2 are met

Notes:

For current carrying capacity of DIN rails, see page 716.

1) For installation notes on the use of accessories for Ex e applications, see page 710.



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



Ex:

PTB 07ATEX1027U / IECEx PTB 07.0024U

Technical data

Dimensions		[mm]	
Max. electrical data			
Rated data			
Rated voltage	[V]	-	-
Nominal current / cross section	[A] / [mm ²]	-	- / -
Rated cross section	[mm ²]	2.5	-
Cross section range	AWG	28 - 12	28-12
Connection capacity			
1 conductor	[mm ²]	0.08 - 4	0.08 - 2.5
Two stranded conductors with a TWIN ferrule	[mm ²]	Ferrule Without / with plastic sleeve	
		0.14 - 2.5	0.14 - 2.5
			0.5
General data			
Stripping length	[mm]	10	
Insulating material		PA	
Inflammability class according to UL 94		V0	

Width	Length	Height NS 35/7,5
5.2	51	43
max. Ø [mm ²]		AWG
0.08 - 4		28 - 12
IEC 60947-7-2		Ex
IEC	UL/CUL	CSA
		IEC/EN 60079-7

Description	No. of pos.	Color
Ground terminal block , for mounting on NS 35...		green-yellow

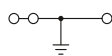
Ordering data

Type	Order No.	Pcs. / Pkt.
STS 2,5-TWIN-PE	3031733	50

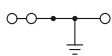
Cover , width 2.2 mm		gray
Insulation stop sleeve , cross section range:		
0.08 - 0.2 mm ²		white
0.25 - 0.5 mm ²		gray
0.75 - 1 mm ²		black
Plug-in bridge		
	2	red
	3	red
	4	red
	5	red
	10	red
Partition plate , 2 mm width		gray
Test adapter , 4-mm test socket hole		gray
Test plug metal part , 2.3 mm Ø		
Insulating sleeve , for MPS metal part		red
Modular test plug , for the individual assembly of test plug strips		red
Warning cover , for actuation shafts, 5-pos.		yellow
Screwdriver		
Center groove labeling		

Accessories¹⁾

D-ST5 2,5	3031762	50
ISH 2,5/0,2	3002843	50
ISH 2,5/0,5	3002856	50
ISH 2,5/1,0	3002869	50
ATP-QTC	3206209	50
WST 2,5	3030941	50
SZF 1-0,6X3,5	1204517	10
UC-TM 5, UCT-TM 5 or ZB 5 (see Catalog 5)		



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



6 (10) mm², ground terminal block,
3 connections

UL US PC ABS KR TÜV Rheinland CCA

Ex: IEC PTB 07ATEX1027U / IECEx PTB 07.0024U

UL US PC ABS KR TÜV Rheinland ClassNK

Technical data			
Width	Length	Height NS 35/7,5	
6.2	64.5	43	
		max. Ø [mm ²]	AWG
		0.08 - 6	28 - 10
IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/ EN 60079-7
-	-	-	-
4	- / -	-	4
28 - 10	28-10	28-10	28 - 10
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.08 - 6	0.08 - 4	0.14 - 4	0.14 - 4 0.5 - 1
10			
PA			
V0			

Technical data			
Width	Length	Height NS 35/7,5	
8.2	70	50	
		max. Ø [mm ²]	AWG
		0.2 - 10	24 - 8
IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/ EN 60079-7
-	-	-	-
6	- / -	-	-
24 - 8	24-8	24-8	-
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.2 - 10	0.2 - 6	0.25 - 6	0.25 - 6 0.25 - 1.5
12			
PA			
V0			

Ordering data		
Type	Order No.	Pcs. / Pkt.
STS 4-TWIN-PE	3031678	50

Ordering data		
Type	Order No.	Pcs. / Pkt.
STS 6-TWIN-PE	3038176	50

Accessories ¹⁾		
D-ST5 4	3031704	50
ISH 4/0,5	3002885	50
ISH 4/1,0	3002898	50
ATP-ST 6	3024481	50
WST 4	3030954	50
SZF 1-0,6X3,5	1204517	10

Accessories ¹⁾		
D-ST5 6-TWIN	3038202	50
FBS 2-8	3030284	10
FBS 3-8	3030297	10
FBS 4-8	3030307	10
FBS 5-8	3030310	10
FBS 10-8	3030323	10
ATP-ST 6	3024481	50
PAI-4-N GY	3032871	10
MPS-MT	0201744	10
MPS-IH RD	0201676	10
PS-8	3031005	10
SZF 2-0,8X4,0	1204520	10

UC-TM 6, UCT-TM 6 or ZB 6
(see Catalog 5)

UC-TM 8, UCT-TM 8 or ZB 8
(see Catalog 5)

ST spring-cage connection terminal blocks

Feed-through terminal blocks with 4 connections, in desk design STS ...QUATTRO



- These compact four-conductor terminal blocks are the same shape as the feed-through and three-conductor terminal blocks with the same cross section
- Ground terminal blocks of the same shape are available
- Contact is made free from mechanical and electrical errors by simply snapping onto the DIN rail
- All the requirements of standard IEC 60947-7-2 are met

CLIP PROJECT Planning enables the quick and convenient planning and configuration of fault-free terminal strips.

Notes:
For current carrying capacity of DIN rails, see page 716.
1) The total current of all connected conductors must not exceed the max. load current.
2) For installation notes on the use of accessories for Ex e applications, see page 710.



2.5 (4) mm², 28 A, feed-through terminal block, 4 connections

Ex: PTB 07ATEX1027U / IECEx PTB 07.0024U

Dimensions		[mm]	
Max. electrical data			
Rated data			
Rated voltage	[V]	800	600
Nominal current / cross section	[A] / [mm ²]	24 ¹⁾ / 2.5	20 / -
Rated cross section	[mm ²]	2.5	-
Cross section range	AWG	28 - 12	28-12
Connection capacity			
1 conductor	[mm ²]	0.08 - 4	0.08 - 2.5
Two stranded conductors with a TWIN ferrule	[mm ²]		
General data			
Stripping length	[mm]	10	
Insulating material		PA	
Inflammability class according to UL 94		V0	

Technical data				
Width	Length	Height NS 35/7,5		
5.2	51	43		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG	
28 ¹⁾	800	0.08 - 4	28 - 12	
IEC 60947-7-1				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
			Without / with plastic sleeve	
			0.14 - 2.5 0.14 - 2.5	
			0.5	

Description	Color
Terminal block , for mounting on NS 35...	gray
	blue
	orange
	red
Ground terminal block , for mounting on NS 35...	green-yellow

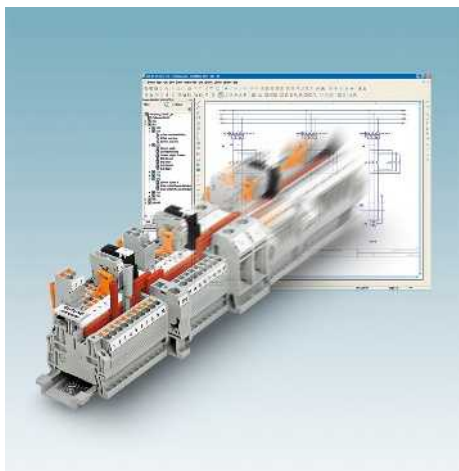
Ordering data		
Type	Order No.	Pcs. / Pkt.
STS 2,5-QUATTRO	3031746	50
STS 2,5-QUATTRO BU	3036288	50
STS 2,5-QUATTRO OG	3037575	50
STS 2,5-QUATTRO RD	3037562	50

Cover , width 2.2 mm	gray
Insulation stop sleeve , cross section range:	
0.08 - 0.2 mm ²	white
0.25 - 0.5 mm ²	gray
0.75 - 1 mm ²	black
Partition plate , 2 mm width	gray
Warning cover , for actuation shafts, 5-pos.	yellow

Accessories ²⁾		
Type	Order No.	Pcs. / Pkt.
D-ST5 2,5	3031762	50
ISH 2,5/0,2	3002843	50
ISH 2,5/0,5	3002856	50
ISH 2,5/1,0	3002869	50
ATP-QTC	3206209	50
WST 2,5	3030941	50
SZF 1-0,6X3,5	1204517	10

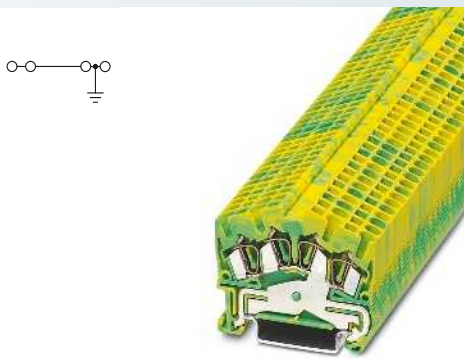
Screwdriver	
Center groove labeling	

UC-TM 5, UCT-TM 5 or ZB 5 (see Catalog 5)

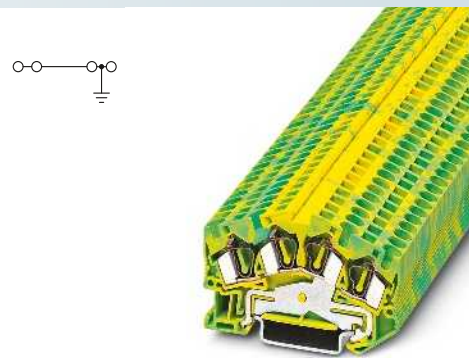




4 (6) mm², 38 A, feed-through terminal block, 4 connections



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



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

UL US PC ABS BL KFR Lloyd's Register ClassNK CCA

Ex: PTB 07ATEX1027U / IECEx PTB 07.0024U

UL US PC ABS VDE BL KFR Lloyd's Register CCA CB

Ex: PTB 07ATEX1027U / IECEx PTB 07.0024U

UL US PC ABS BL KFR Lloyd's Register ClassNK CCA

Ex: PTB 07ATEX1027U / IECEx PTB 07.0024U

Technical data			
Width	Length	Height NS 35/7,5	
6.2	64.5	43	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
38 ¹⁾	800	0.08 - 6	28 - 10
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/ EN 60079-7
800	600	600	550
32 ¹⁾ / 4	30 / -	30 / -	28.5 / 4 // 35 / 6
4	-	-	4
28 - 10	28-10	28-10	28 - 10
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.08 - 6	0.08 - 4	0.14 - 4	0.14 - 4 0.5 - 1
10	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
5.2	51	43	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
25	800	0.08 - 4	28 - 12
IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/ EN 60079-7
-	-	-	-
-	- / -	-	-
2.5	-	-	2.5
28 - 12	28-12	28-12	28 - 12
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5 0.5
10	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
6.2	64.5	43	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
38 ¹⁾	800	0.08 - 6	28 - 10
IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/ EN 60079-7
800	600	600	550
32 ¹⁾ / 4	30 / -	30 / -	28.5 / 4 // 35 / 6
4	-	-	4
28 - 10	28-10	28-10	28 - 10
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.08 - 6	0.08 - 4	0.14 - 4	0.14 - 4 0.5 - 1
10	PA	V0	

Ordering data		
Type	Order No.	Pcs. / Pkt.
STS 4-QUATTRO	3031681	50
STS 4-QUATTRO BU	3036301	50
STS 4-QUATTRO OG	3037546	50
STS 4-QUATTRO RD	3037559	50

Ordering data		
Type	Order No.	Pcs. / Pkt.
STS 2,5-QUATTRO-PE	3031759	50

Ordering data		
Type	Order No.	Pcs. / Pkt.
STS 4-QUATTRO-PE	3031694	50

Accessories ²⁾		
D-ST5 4	3031704	50
ISH 4/0,5	3002885	50
ISH 4/1,0	3002898	50
ATP-ST 6	3024481	50
WST 4	3030954	50
SZF 1-0,6X3,5	1204517	10

Accessories ²⁾		
D-ST5 2,5	3031762	50
ISH 2,5/0,2	3002843	50
ISH 2,5/0,5	3002856	50
ISH 2,5/1,0	3002869	50
ATP-QTC	3206209	50
WST 2,5	3030941	50
SZF 1-0,6X3,5	1204517	10

Accessories ²⁾		
D-ST5 4	3031704	50
ISH 4/0,5	3002885	50
ISH 4/1,0	3002898	50
ATP-ST 6	3024481	50
WST 4	3030954	50
SZF 1-0,6X3,5	1204517	10

UC-TM 6, UCT-TM 6 or ZB 6 (see Catalog 5)

UC-TM 5, UCT-TM 5 or ZB 5 (see Catalog 5)

UC-TM 6, UCT-TM 6 or ZB 6 (see Catalog 5)

ST spring-cage connection terminal blocks

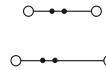
STTBS ... desk-design double-level terminal blocks



The STTBS ... desk-design compact double-level terminal blocks are characterized by:

- Two bridge shafts on both levels for all potential distribution tasks
- Two large-surface labeling options
- The different heights of the marking grooves makes it easy to see to which level the labeling belongs
- Potential bridging of levels using the **FBS-PV** vertical potential bridge, see figure below

Notes:
For current carrying capacity of DIN rails, see page 716.
1) The total current of all connected conductors must not exceed the max. load current.
2) For installation notes on the use of accessories for Ex e applications, see page 710.



2.5 (4) mm², 26 A, double-level terminal block



PTB 07ATEX1027U / IECEx PTB 07.0024U

Dimensions		[mm]	
Max. electrical data			
Rated data			
Rated voltage	[V]	500	600
Nominal current / cross section	[A] / [mm ²]	22 / 2.5	20 / -
Rated cross section	[mm ²]	2.5	-
Cross section range	AWG	28 - 12	28-12
Connection capacity			
1 conductor	[mm ²]	0.08 - 4	0.08 - 2.5
Two stranded conductors with a TWIN ferrule	[mm ²]		
General data			
Stripping length	[mm]	10	
Insulating material		PA	
Inflammability class according to UL 94		V0	

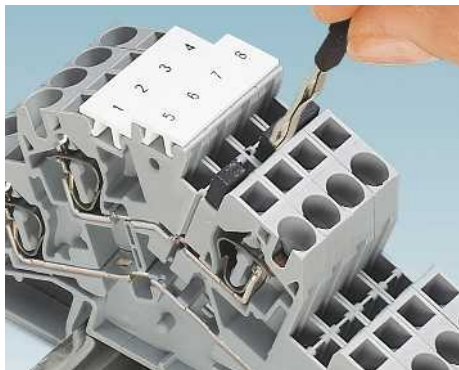
Technical data				
Width	Length	Height NS 35/7,5		
5.2	78	55		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG	
26	500	0.08 - 4	28 - 12	
IEC 60947-7-1				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
			Without / with plastic sleeve	
			0.14 - 2.5 0.14 - 2.5	
			0.5	
Ferrule				
0.5				

Description	No. of pos.	Color
Terminal block, for mounting on NS 35...		gray
Terminal block, with equipotential bonding between the levels, for mounting on NS 35... ¹⁾		blue
Ground terminal block, for mounting on NS 35...		green-yellow

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
STTBS 2,5		3038464	50
STTBS 2,5 BU		3038493	50
STTBS 2,5-PV		3038477	50
STTBS 2,5-PV BU		3035289	50

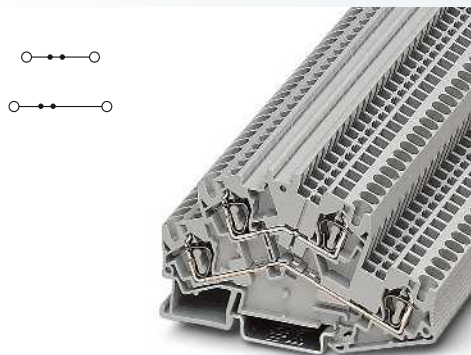
Cover, width 2.2 mm	gray
Insulation stop sleeve, cross section range:	
0.08 - 0.2 mm ²	white
0.25 - 0.5 mm ²	gray
0.75 - 1 mm ²	black
Plug-in bridge	
	2 red
	3 red
	4 red
	5 red
	10 red
	20 red

Accessories ²⁾			
D-STTBS 2,5		3038503	50
ISH 2,5/0,2		3002843	50
ISH 2,5/0,5		3002856	50
ISH 2,5/1,0		3002869	50
FBS 2-5	22 A	3030161	50
FBS 3-5	22 A	3030174	50
FBS 4-5	22 A	3030187	50
FBS 5-5	22 A	3030190	50
FBS 10-5	22 A	3030213	10
FBS 20-5	22 A	3030226	10

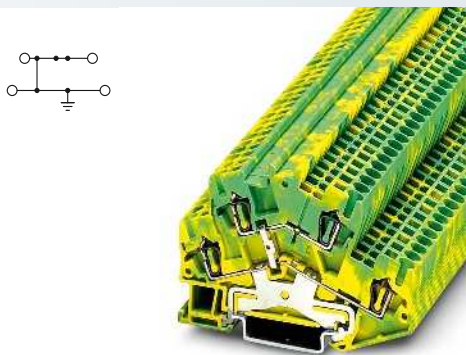


Vertical potential bridge, to connect the upper and lower level	black
Test adapter, 4-mm test socket hole	gray
Test plug metal part, 2.3 mm Ø	
Insulating sleeve, for MPS metal part	red
Modular test plug, for the individual assembly of test plug strips	red
Warning cover, for actuation shafts, 5-pos.	yellow
Screwdriver	
Center groove labeling	

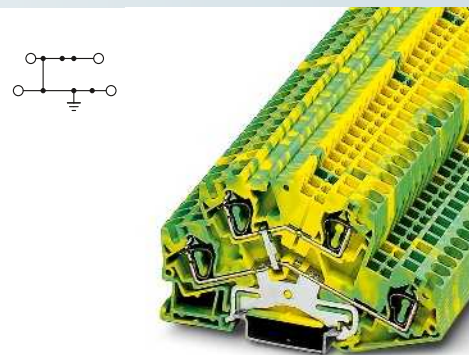
FBS-PV		3032185	50
PAI-4-N GY		3032871	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-5		3030983	10
WST 2,5		3030941	50
SZF 1-0,6X3,5		1204517	10
UC-TM 5, UCT-TM 5 or ZB 5 (see Catalog 5)			



4 (6) mm², 34 A, double-level terminal block



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



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



PTB 07ATEX1027U / IECEx PTB 07.0024U

Technical data			
Width	Length	Height NS 35/7,5	
6.2	92.4	55	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG
34	500	0.08 - 6	28 - 10
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
500	600	-	-
28 / 4	30 / -	-	-
4	-	-	-
28 - 10	28-10	-	-
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.08 - 6	0.08 - 4	0.14 - 4	0.14 - 4 0.5 - 1
10	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
5.2	78	55	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG
2.5	500	0.08 - 4	28 - 12
IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/EN 60079-7
-	-	-	-
-	- / -	-	-
2.5	-	-	2.5
28 - 12	28-12	28-12	28 - 12
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5 0.5
10	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
6.2	92.4	55	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG
34	500	0.08 - 6	28 - 10
IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/EN 60079-7
-	-	-	-
-	- / -	-	-
4	-	-	-
28 - 10	28-10	28-10	-
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.08 - 6	0.08 - 4	0.14 - 4	0.14 - 4 0.5 - 1
10	PA	V0	

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
STTBS 4		3035056	50
STTBS 4 BU		3035069	50
STTBS 4-PV		3035085	50
STTBS 2,5-PE		3038480	50

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
STTBS 4		3035056	50
STTBS 4 BU		3035069	50
STTBS 4-PV		3035085	50
STTBS 2,5-PE		3038480	50

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
STTBS 4		3035056	50
STTBS 4 BU		3035069	50
STTBS 4-PV		3035085	50
STTBS 2,5-PE		3038480	50

Accessories ²⁾			
D-STTBS 4		3035098	50
ISH 4/0,5		3002885	50
ISH 4/1,0		3002898	50
FBS 2-6	28 A	3030336	50
FBS 3-6	28 A	3030242	50
FBS 4-6	28 A	3030255	50
FBS 5-6	28 A	3030349	50
FBS 10-6	28 A	3030271	10
FBS 20-6	28 A	3030365	10
FBS-PV		3032185	50
PAI-4-N GY		3032871	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-6		3030996	10
WST 4		3030954	50
SZF 1-0,6X3,5		1204517	10

Accessories ²⁾			
D-STTBS 2,5		3038503	50
ISH 2,5/0,2		3002843	50
ISH 2,5/0,5		3002856	50
ISH 2,5/1,0		3002869	50
FBS 2-5		3030161	50
FBS 3-5		3030174	50
FBS 4-5		3030187	50
FBS 5-5		3030190	50
FBS 10-5		3030213	10
FBS 20-5		3030226	10
PAI-4-N GY		3032871	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-5		3030983	10
WST 2,5		3030941	50
SZF 1-0,6X3,5		1204517	10

Accessories ²⁾			
D-STTBS 4		3035098	50
ISH 4/0,5		3002885	50
ISH 4/1,0		3002898	50
FBS 2-6		3030336	50
FBS 3-6		3030242	50
FBS 4-6		3030255	50
FBS 5-6		3030349	50
FBS 10-6		3030271	10
FBS 20-6		3030365	10
PAI-4-N GY		3032871	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-6		3030996	10
WST 4		3030954	50
SZF 1-0,6X3,5		1204517	10

UC-TM 6, UCT-TM 6 or ZB 6 (see Catalog 5)

UC-TM 5, UCT-TM 5 or ZB 5 (see Catalog 5)

UC-TM 6, UCT-TM 6 or ZB 6 (see Catalog 5)

ST spring-cage connection terminal blocks

STS 2,5 ... / STTBS 4... desk-design knife disconnect and disconnect terminal blocks



- Same shape and pitch as the feed-through terminal blocks
- Knife disconnect terminal block with a current carrying capacity of 20 A
- Compact design
- Test connection parallel to disconnect point for test plugs with a 2.3 mm diameter
- For use in small terminal boxes
- For disconnect terminal block with universal disconnect zone for accommodating isolating plugs, feed-through connectors, component plugs, and fuse plugs, see page 483

Notes:
1) Observe max. load current.
2) Observe max. load current, depending on the power dissipation of the components. Max. 0.5 W with single arrangement.
3) For max. power dissipation, see page 724.
4) Current and voltage are determined by the plug used.
5) Lower level
6) Also see page 480.



2.5 (4) mm², 20 A, disconnect terminal block

UL, PC, ABS, KR, ClassNK

Dimensions	
	[mm]
Max. 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]
Two stranded conductors with a TWIN ferrule	[mm ²]
General data	
Stripping length	[mm]
Insulating material	
Inflammability class according to UL 94	

Technical data				
Width	Length	Height NS 35/7,5		
5.2	51	43		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG	
20 ⁴⁾	400 ⁴⁾	0.08 - 4	28 - 12	
IEC 60947-7-1				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
400 ⁴⁾	300	300	-	
20 ⁴⁾	16 / -	16 / -	-	
2.5	-	-	-	
28 - 12	28-12	28-12	-	
solid		stranded		Ferrule
				Without / with plastic sleeve
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5	
				0.5
10				
PA				
V0				

Description	No. of pos.	Color
Disconnect terminal block, for mounting on NS 35...		gray
Knife disconnect terminal block, for mounting on NS 35...		gray
		blue

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
STS 2,5-TG		3037009	50

Cover, width 2.2 mm		gray
Insulation stop sleeve, cross section range:		
0.08 - 0.2 mm ²		white
0.25 - 0.5 mm ²		gray
0.75 - 1 mm ²		black
Plug-in bridge		
	2	red
	3	red
	4	red
	5	red
	10	red
	20	red
Switching lock, plug-in ⁶⁾		white
Test adapter, 4-mm test socket hole		gray
Test plug metal part, 2.3 mm Ø		
Insulating sleeve, for MPS metal part		red
Modular test plug, for the individual assembly of test plug strips		red
Isolating plug ¹⁾		orange
Feed-through connector ¹⁾		gray
Component plug, labeled with ZBF 5 or UC-TMF 5 ²⁾		gray
Fuse plug, width 6.2 mm ³⁾		black
With LED for 12-30 V DC, 0.31-0.95 mA		black
For 30-60 V AC/DC, 0.40-0.86 mA		black
For 110-250 V AC/DC, 0.41-0.96 mA		black
Screwdriver		

Accessories			
D-ST5 2,5		3031762	50
ISH 2,5/0,2		3002843	50
ISH 2,5/0,5		3002856	50
ISH 2,5/1,0		3002869	50
FBS 2-5	24 A	3030161	50
FBS 3-5	24 A	3030174	50
FBS 4-5	24 A	3030187	50
FBS 5-5	24 A	3030190	50
FBS 10-5	24 A	3030213	10
FBS 20-5	24 A	3030226	10
PAI-4-N GY		3032871	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-5		3030983	10
P-DI		3036783	50
P-FIX		3038956	50
P-CO		3036796	10
P-FU 5X20		3036806	10
P-FU 5X20 LED 24		3036819	10
P-FU 5X20 LED 60		3036822	10
P-FU 5X20 LA 250		3036835	10
SZF 1-0,6X3,5		1204517	10

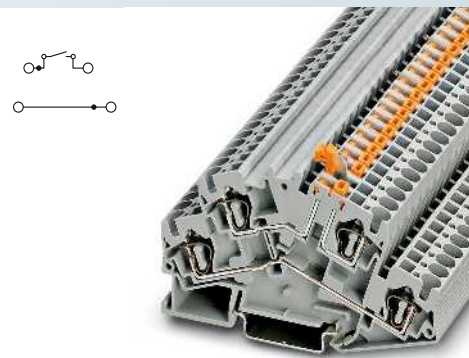
Center groove labeling	UC-TM 5, UCT-TM 5 or ZB 5 (see Catalog 5)
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2.5 (4) mm², 20 A, knife disconnect terminal block



4 (6) mm², 20 A, double-level terminal block with disconnect zone



4 (6) mm², 20 A, double-level knife disconnect terminal block

UL, ABS, ClassNK

UL, PC

UL, PC

Technical data			
Width	Length	Height NS 35/7,5	
5.2	51	43	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG
20	400	0.08 - 4	28 - 12
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
400	300	300	-
20 / 2.5	16 / -	16 / -	-
2.5	-	-	-
28 - 12	28-12	28-12	-
solid	stranded	Ferrule Without / with plastic sleeve	
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5 0.5
10	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
6.2	92.4	55	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG
34 ⁵⁾	500 ⁴⁾	0.08 - 6	28 - 10
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
500 ⁴⁾	600	-	-
20 ⁴⁾ / 2.5	16 / -	-	-
4	-	-	-
28 - 10	28-10	-	-
solid	stranded	Ferrule Without / with plastic sleeve	
0.08 - 6	0.08 - 4	0.14 - 4	0.14 - 4 0.5 - 1
10	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
6.2	92.4	55	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG
34 ⁵⁾	500	0.08 - 6	28 - 10
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
500	600	-	-
20 / 2.5	16 / -	-	-
4	-	-	-
28 - 10	28-10	-	-
solid	stranded	Ferrule Without / with plastic sleeve	
0.08 - 6	0.08 - 4	0.14 - 4	0.14 - 4 0.5 - 1
10	PA	V0	

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
STS 2,5-MT		3036990	50
STS 2,5-MT BU		3035425	50

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
STTBS 4-TG		3035483	50

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
STTBS 4-MT		3035470	50
STTBS 4-MT BU		3035522	50

Accessories			
D-STBS 2,5		3031762	50
ISH 2,5/0,2		3002843	50
ISH 2,5/0,5		3002856	50
ISH 2,5/1,0		3002869	50
FBS 2-5	24 A	3030161	50
FBS 3-5	24 A	3030174	50
FBS 4-5	24 A	3030187	50
FBS 5-5	24 A	3030190	50
FBS 10-5	24 A	3030213	10
FBS 20-5	24 A	3030226	10
S-MT		3247954	50
PAI-4-N GY		3032871	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-5		3030983	10

Accessories			
D-STTBS 4-MT		3035548	50
ISH 4/0,5		3002885	50
ISH 4/0,5		3002885	50
FBS 2-6	28 A	3030336	50
FBS 3-6	28 A	3030242	50
FBS 4-6	28 A	3030255	50
FBS 5-6	28 A	3030349	50
FBS 10-6	28 A	3030271	10
FBS 20-6	28 A	3030365	10
PAI-4-N GY		3032871	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-6		3030996	10
P-DI		3036783	50
P-FIX		3038956	50
P-CO		3036796	10
P-FU 5X20		3036806	10
P-FU 5X20 LED 24		3036819	10
P-FU 5X20 LED 60		3036822	10
P-FU 5X20 LA 250		3036835	10
SZF 1-0,6X3,5		1204517	10

Accessories			
D-STTBS 4-MT		3035548	50
ISH 4/1,0		3002898	50
ISH 4/1,0		3002898	50
FBS 2-6	28 A	3030336	50
FBS 3-6	28 A	3030242	50
FBS 4-6	28 A	3030255	50
FBS 5-6	28 A	3030349	50
FBS 10-6	28 A	3030271	10
FBS 20-6	28 A	3030365	10
S-MT		3247954	50
PAI-4-N GY		3032871	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-6		3030996	10
SZF 1-0,6X3,5		1204517	10

UC-TM 5, UCT-TM 5 or ZB 5 (see Catalog 5)

UC-TM 6, UCT-TM 6 or ZB 6 (see Catalog 5)

UC-TM 6, UCT-TM 6 or ZB 6 (see Catalog 5)

ST spring-cage connection terminal blocks

STI ... installation terminal blocks



The STI installation terminal blocks are characterized by the system features of the CLIPLINE complete system and the following features:

- Compact design tailored to installation distributor
- Each terminal point can be clearly labeled and easily recognized in each terminal block mounting position
- Compatible with all Phoenix Contact installation terminal blocks

Terminal strip service

We manufacture fully pre-assembled terminal strips for fitting straight in the installation distributor. This simplifies installation, saves time, and cuts costs.

Notes:

Assembly instructions:

For secure fastening of the neutral busbar, supports must be set at the beginning and end of each terminal strip as well as every 20 cm on longer terminal strips.



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



Dimensions		[mm]
Max. electrical data		
Rated data		
Rated voltage	[V]	400
Nominal current / cross section	[A] / [mm ²]	24 / 2.5
Rated cross section	[mm ²]	2.5
Cross section range	AWG	28 - 12
Connection capacity		
1 conductor	[mm ²]	0.08 - 4
Two stranded conductors with a TWIN ferrule	[mm ²]	0.08 - 4
General data		
Stripping length	[mm]	10
Insulating material		PA
Inflammability class according to UL 94		V0

Technical data				
Width	Length	Height NS 35/7,5		
5.2	59.5	43		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG	
32	400	0.08 - 4	28 - 12	
IEC 60947-7-1				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
Rated voltage				
400		600	600	-
24 / 2.5		20 / -	20 / -	-
2.5		-	-	-
28 - 12		28-12	28-12	-
Connection capacity				
solid		stranded		Ferrule
				Without / with plastic sleeve
0.08 - 4	0.08 - 4	0.14 - 2.5	0.14 - 2.5	
				0.5

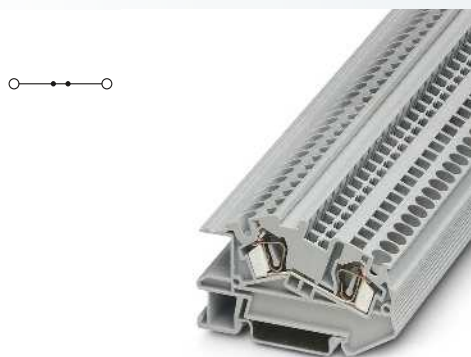
Description	No. of pos.	Color
Terminal block , for mounting on NS 35...		gray blue

Ordering data		
Type	Order No.	Pcs. / Pkt.
STI 2,5	3031924	50
STI 2,5 BU	3036217	50

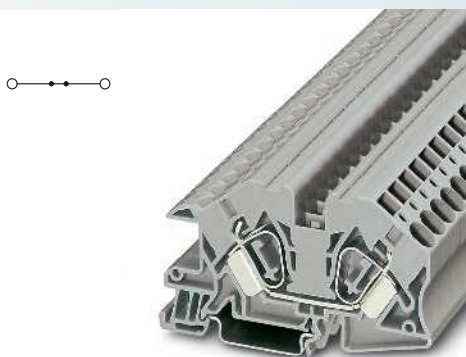
Cover , width 2.2 mm		gray
Cover , width 2 mm		gray
Insulation stop sleeve , cross section range:		
0.08 - 0.2 mm ²		white
0.25 - 0.5 mm ²		gray
0.75 - 1 mm ²		black
Plug-in bridge		
	2	red
	3	red
	4	red
	5	red
	10	red
	20	red
Test adapter , 4-mm test socket hole		gray
Test plug metal part , 2.3 mm Ø		
Insulating sleeve , for MPS metal part		red
Modular test plug , for the individual assembly of test plug strips		red
Support , blue insulating material, for holding the neutral busbar, must be set every 20 cm, 2 mm wide		blue
Warning cover , for actuation shafts, 5-pos.		yellow
Screwdriver		

Accessories		
Type	Order No.	Pcs. / Pkt.
D-STI 2,5	3030569	50
ISH 2,5/0,2	3002843	50
ISH 2,5/0,5	3002856	50
ISH 2,5/1,0	3002869	50
FBS 2-5	3030161	50
FBS 3-5	3030174	50
FBS 4-5	3030187	50
FBS 5-5	3030190	50
FBS 10-5	3030213	10
FBS 20-5	3030226	10
PAI-4-N GY	3032871	10
MPS-MT	0201744	10
MPS-IH RD	0201676	10
PS-5	3030983	10
AB-STI	3030828	50
WST 2,5	3030941	50
SZF 1-0,6X3,5	1204517	10

Center groove labeling	UC-TM 5, UCT-TM 5 or ZB 5 (see Catalog 5)
Center and lateral groove labeling	UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)



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



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



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



Technical data			
Width	Length	Height NS 35/7,5	
6.2	66	43	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
41	400	0.08 - 6	28 - 10
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
400	-	-	-
32 / 4	- / -	-	-
4	-	-	-
28 - 10	-	-	-
solid	stranded	Ferrule Without / with plastic sleeve	
0.08 - 6	0.08 - 4	0.14 - 4	0.14 - 4 0.5 - 1
10	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
10	87	49	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
57	400	0.2 - 16	24 - 6
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
400	-	-	-
57 / 10	- / -	-	-
10	-	-	-
24 - 6	-	-	-
solid	stranded	Ferrule Without / with plastic sleeve	
0.2 - 16	0.2 - 10	0.25 - 10	0.25 - 10 1.5 - 2.5
18	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
12	95	49	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
76	400	0.2 - 25	24 - 4
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
400	-	-	-
76 / 16	- / -	-	-
16	-	-	-
24 - 4	-	-	-
solid	stranded	Ferrule Without / with plastic sleeve	
0.2 - 25	0.2 - 16	0.25 - 16	0.25 - 16 1.5 - 4
18	PA	V0	

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
STI 4		3031953	50
STI 4 BU		3036220	50

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
STI 10		3038215	25
STI 10 BU		3038228	25

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
STI 16		3038257	25
STI 16 BU		3038260	25

Accessories			
D-STI 4		3030640	50
ISH 4/0,5		3002885	50
ISH 4/1,0		3002898	50
FBS 2-6	32 A	3030336	50
FBS 3-6	32 A	3030242	50
FBS 4-6	32 A	3030255	50
FBS 5-6	32 A	3030349	50
FBS 10-6	32 A	3030271	10
FBS 20-6	32 A	3030365	10
PAI-4-N GY		3032871	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-6		3030996	10
AB-STI		3030828	50
WST 4		3030954	50
SZF 1-0,6X3,5		1204517	10

Accessories			
D-STI 10/16		3038309	25
FBS 2-10	57 A	3005947	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
AB-STI 16/10		3037669	10
WST 10/35		3030006	25
SZF 2-0,8X4,0		1204520	10

Accessories			
D-STI 10/16		3038309	25
FBS 2-12	76 A	3005950	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
AB-STI 16/10		3037669	10
WST 10/35		3030006	25
SZF 3-1,0X5,5		1206612	10

UC-TM 6, UCT-TM 6 or ZB 6
(see Catalog 5)
UC-TMF 6, UCT-TMF 6 or ZBF 6
(see Catalog 5)

UC-TM 10, UCT-TM 10 or ZB 10
(see Catalog 5)
UC-TMF 10, UCT-TMF 10 or ZBF 10
(see Catalog 5)

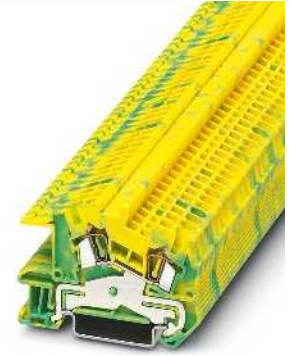
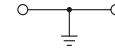
UC-TM 12, UCT-TM 12 or ZB 12
(see Catalog 5)
UC-TMF 12, UCT-TMF 12 or ZBF 12
(see Catalog 5)

ST spring-cage connection terminal blocks

STI ...-PE installation ground terminal blocks

- Same shape and pitch as the feed-through terminal blocks
- Contact is made free from mechanical and electrical errors by simply snapping onto the DIN rail
- The green-yellow housing clearly indicates the ground conductor function of the terminal block

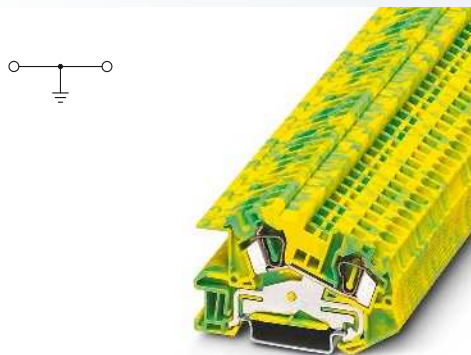
Notes:
For current carrying capacity of DIN rails, see page 716.
Assembly instructions:
For secure fastening of the neutral busbar, supports must be set at the beginning and end of each terminal strip as well as every 20 cm on longer terminal strips.



2.5 (4) mm², ground terminal block



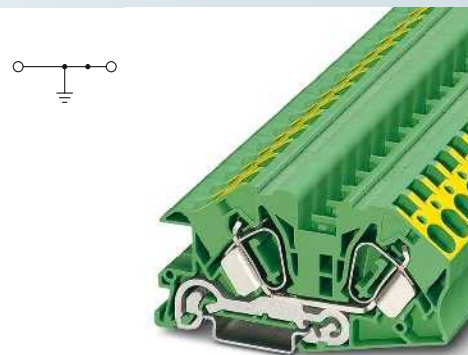
			Technical data			
Dimensions		[mm]	Width	Length	Height NS 35/7,5	
			5.2	59.5	43	
Max. electrical data					max. Ø [mm ²]	AWG
					0.08 - 4	28 - 12
Rated data			IEC 60947-7-2			
			IEC	UL/CUL	CSA	IEC/EN 60079-7
Rated voltage	[V]	-	-	-	-	-
Nominal current / cross section	[A] / [mm ²]	-	- / -	-	-	-
Rated cross section	[mm ²]	2.5	-	-	-	-
Cross section range	AWG	28 - 12	28-12	28-12	-	-
Connection capacity			solid	stranded	Ferrule	
			Without / with plastic sleeve			
1 conductor	[mm ²]	0.08 - 4	0.08 - 4	0.14 - 2.5	0.14 - 2.5	0.5
Two stranded conductors with a TWIN ferrule	[mm ²]					
General data						
Stripping length	[mm]	10				
Insulating material		PA				
Inflammability class according to UL 94		V0				
Ordering data						
Description	No. of pos.	Color	Type	Order No.	Pcs. / Pkt.	
Ground terminal block, for mounting on NS 35...		green-yellow	STI 2,5-PE	3031937	50	
Accessories						
Cover, width 2.2 mm		gray	D-STI 2,5	3030569	50	
Cover, width 2 mm		gray				
Insulation stop sleeve, cross section range:						
0.08 - 0.2 mm ²		white	ISH 2,5/0,2	3002843	50	
0.25 - 0.5 mm ²		gray	ISH 2,5/0,5	3002856	50	
0.75 - 1 mm ²		black	ISH 2,5/1,0	3002869	50	
Plug-in bridge	2	red				
Support, blue insulating material, for holding the neutral busbar, must be set every 20 cm, 2 mm wide		blue	AB-STI	3030828	50	
Warning cover, for actuation shafts, 5-pos.		yellow	WST 2,5	3030941	50	
Screwdriver			SZF 1-0,6X3,5	1204517	10	
Center groove labeling			UC-TM 5, UCT-TM 5 or ZB 5 (see Catalog 5)			
Center and lateral groove labeling			UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)			



4 (6) mm², ground terminal block



10 (16) mm², 57 A, ground terminal block



16 (25) mm², 76 A, ground terminal block



Technical data			
Width	Length	Height NS 35/7,5	
6.2	66	43	
		max. Ø [mm ²]	AWG
		0.08 - 6	28 - 10
IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/EN 60079-7
-	-	-	-
-	-/-	-	-
4	-	-	-
28 - 10	-	-	-
solid	stranded	Ferrule Without / with plastic sleeve	
0.08 - 6	0.08 - 4	0.14 - 4	0.14 - 4 0.5 - 1
10	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
10	87	49	
		max. Ø [mm ²]	AWG
		0.2 - 16	24 - 6
IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/EN 60079-7
-	-	-	-
57 / 10	-/-	-	-
10	-	-	-
24 - 6	-	-	-
solid	stranded	Ferrule Without / with plastic sleeve	
0.2 - 16	0.2 - 10	0.25 - 10	0.25 - 10 1.5 - 2.5
18	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
12	95	49	
		max. Ø [mm ²]	AWG
		0.2 - 25	24 - 4
IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/EN 60079-7
-	-	-	-
76 / 16	-/-	-	-
16	-	-	-
24 - 4	-	-	-
solid	stranded	Ferrule Without / with plastic sleeve	
0.2 - 25	0.2 - 16	0.25 - 16	0.25 - 16 1.5 - 4
18	PA	V0	

Ordering data		
Type	Order No.	Pcs. / Pkt.
STI 4-PE	3031966	50

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
STI 10-PE		3038231	25

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
STI 16-PE		3038273	25

Accessories		
D-STI 4	3030640	50
ISH 4/0,5	3002885	50
ISH 4/1,0	3002898	50
AB-STI	3030828	50
WST 4	3030954	50
SZF 1-0,6X3,5	1204517	10

Accessories			
D-STI 10/16		3038309	25
FBS 2-10	57 A	3005947	10
AB-STI 16/10		3037669	10
WST 10/35		3030006	25
SZF 2-0,8X4,0		1204520	10

Accessories			
D-STI 10/16		3038309	25
FBS 2-12	76 A	3005950	10
AB-STI 16/10		3037669	10
WST 10/35		3030006	25
SZF 3-1,0X5,5		1206612	10

UC-TM 6, UCT-TM 6 or ZB 6
(see Catalog 5)
UC-TMF 6, UCT-TMF 6 or ZBF 6
(see Catalog 5)

UC-TM 10, UCT-TM 10 or ZB 10
(see Catalog 5)
UC-TMF 10, UCT-TMF 10 or ZBF 10
(see Catalog 5)

UC-TM 12, UCT-TM 12 or ZB 12
(see Catalog 5)
UC-TMF 12, UCT-TMF 12 or ZBF 12
(see Catalog 5)

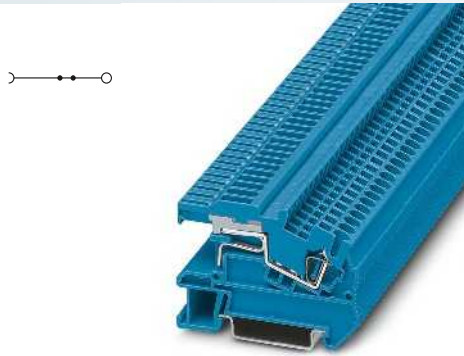
Modular terminal blocks - CLIPLINE complete

ST spring-cage connection terminal blocks

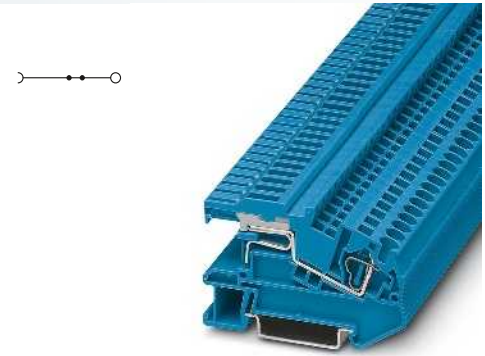
STN ... neutral conductor disconnect terminal block

– The N disconnect slides are located in the same position on all Phoenix Contact screw and spring-cage installation terminal blocks

Notes:
Assembly instructions: For secure fastening of the neutral busbar, supports must be set at the beginning and end of each terminal strip as well as every 20 cm on longer terminal strips.
For L/N/PE AKG ... connection terminal blocks, see page 94.



2.5 (4) mm², 30 A, neutral disconnect terminal block



4 (6) mm², 36 A, neutral disconnect terminal block

Dimensions		[mm]
Max. electrical data		
Rated data		
Rated voltage	[V]	250
Nominal current / cross section	[A] / [mm ²]	24 / 2.5
Rated cross section	[mm ²]	2.5
Cross section range	AWG	28 - 12
Connection capacity		
1 conductor	[mm ²]	0.08 - 4
Two stranded conductors with a TWIN ferrule	[mm ²]	0.08 - 2.5
General data		
Stripping length	[mm]	10
Disconnect slide: thread / torque	- / [Nm]	- / -
Insulating material		
Inflammability class according to UL 94		

Technical data				
Width	Length	Height NS 35/7,5		
5.2	59.5	43		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG	
30	250	0.08 - 4	28 - 12	
IEC 60947-7-1				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
Connection capacity				
solid		stranded		
		Ferrule		
		Without / with plastic sleeve		
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5	
10				
- / -				
PA				
V0				

Technical data				
Width	Length	Height NS 35/7,5		
6.2	66	43		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG	
36	250	0.08 - 6	28 - 10	
IEC 60947-7-1				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
Connection capacity				
solid		stranded		
		Ferrule		
		Without / with plastic sleeve		
0.08 - 6	0.08 - 4	0.14 - 4	0.14 - 4	
10				
- / -				
PA				
V0				

Description	No. of pos.	Color
Neutral disconnect terminal block, for mounting on NS 35...		blue

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
STN 2,5		3031940	50

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
STN 4		3031979	50

Cover, width 2.2 mm	gray
Cover, width 2 mm	gray
Insulation stop sleeve, cross section range:	
0.08 - 0.2 mm ²	white
0.25 - 0.5 mm ²	gray
0.75 - 1 mm ²	black
Plug-in bridge	
2	red
3	red
4	red
5	red
10	red
20	red
PEN conductor busbar, 3 x 10 mm, 1 m long, material: copper, tin-plated, nominal current: 140 A	silver
Test adapter, 4-mm test socket hole	gray
Test plug metal part, 2.3 mm Ø	
Insulating sleeve, for MPS metal part	red
Modular test plug, for the individual assembly of test plug strips	red
Support, blue insulating material, for holding the neutral busbar, must be set every 20 cm, 2 mm wide	blue
Warning cover, for actuation shafts, 5-pos.	yellow

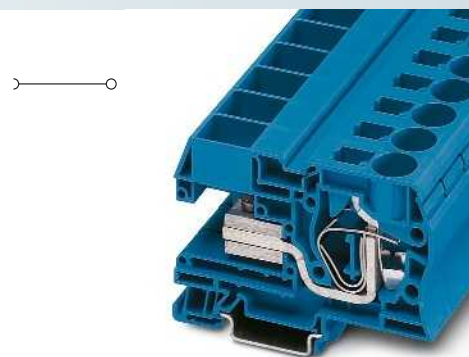
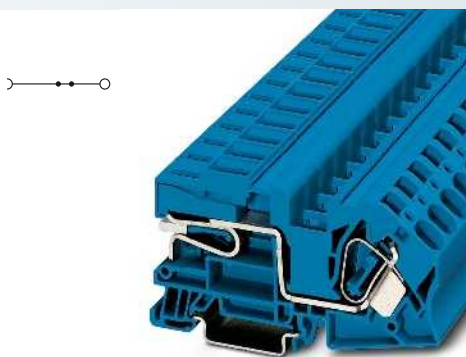
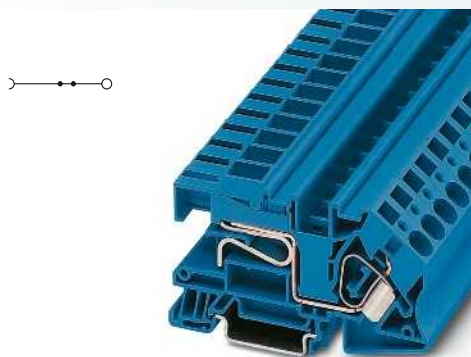
Accessories			
D-STI 2,5		3030569	50
ISH 2,5/0,2		3002843	50
ISH 2,5/0,5		3002856	50
ISH 2,5/1,0		3002869	50
FBS 2-5	24 A	3030161	50
FBS 3-5	24 A	3030174	50
FBS 4-5	24 A	3030187	50
FBS 5-5	24 A	3030190	50
FBS 10-5	24 A	3030213	10
FBS 20-5	24 A	3030226	10
NLS-CU 3/10 SN 1000MM	140 A	0402174	10
PAI-4-N GY		3032871	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-5		3030983	10
AB-STI		3030828	50
SZF 1-0,6X3,5		1204517	10

Accessories			
D-STI 4		3030640	50
ISH 4/0,5		3002885	50
ISH 4/1,0		3002898	50
FBS 2-6	32 A	3030336	50
FBS 3-6	32 A	3030242	50
FBS 4-6	32 A	3030255	50
FBS 5-6	32 A	3030349	50
FBS 10-6	32 A	3030271	10
FBS 20-6	32 A	3030365	10
NLS-CU 3/10 SN 1000MM	140 A	0402174	10
PAI-4-N GY		3032871	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-6		3030996	10
AB-STI		3030828	50
SZF 1-0,6X3,5		1204517	10

Center groove labeling
Center and lateral groove labeling

UC-TM 5, UCT-TM 5 or ZB 5 (see Catalog 5)
UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)

UC-TM 6, UCT-TM 6 or ZB 6 (see Catalog 5)
UC-TMF 6, UCT-TMF 6 or ZBF 6 (see Catalog 5)



10 (16) mm², 57 A, neutral disconnect terminal block

16 (25) mm², 76 A, neutral disconnect terminal block

35 (35) mm², 125 A, neutral disconnect terminal block



Technical data			
Width	Length	Height NS 35/7,5	
10	87	50	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
57	400	0.2 - 16	24 - 6
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
400	-	-	-
57 / 10	- / -	-	-
10	-	-	-
24 - 6	-	-	-
solid	stranded	Ferrule Without / with plastic sleeve	
0.2 - 16	0.2 - 10	1.5 - 10	1.5 - 10 1.5 - 2.5
18	- / -		
PA	V0		

Technical data			
Width	Length	Height NS 35/7,5	
12	95	50	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
76	400	0.2 - 25	24 - 4
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
400	-	-	-
76 / 16	- / -	-	-
16	-	-	-
24 - 4	-	-	-
solid	stranded	Ferrule Without / with plastic sleeve	
0.2 - 25	0.2 - 16	1.5 - 16	1.5 - 16 1.5 - 4
18	- / -		
PA	V0		

Technical data			
Width	Length	Height NS 35/7,5	
16	92	59	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
125	400	2.5 - 35	14 - 2
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
400	-	-	-
125 / 35	- / -	-	-
35	-	-	-
14 - 2	-	-	-
solid	stranded	Ferrule Without / with plastic sleeve	
2.5 - 35	2.5 - 35	2.5 - 35	2.5 - 35
25	M5 / 2.5 - 3		
PA	V0		

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
STN 10		3038244	25

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
STN 16		3038286	25

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
STN 35		3038299	10

Accessories			
D-STI 10/16		3038309	25
FBS 2-10	57 A	3005947	10
NLS-CU 3/10 SN 1000MM	140 A	0402174	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
AB-STI 16/10		3037669	10
WST 10/35		3030006	25
SZF 2-0,8X4,0		1204520	10

Accessories			
D-STI 10/16		3038309	25
FBS 2-12	76 A	3005950	10
NLS-CU 3/10 SN 1000MM	140 A	0402174	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
AB-STI 16/10		3037669	10
WST 10/35		3030006	25
SZF 3-1,0X5,5		1206612	10

Accessories			
D-STI 10/16		3038309	25
FBS 2-12	76 A	3005950	10
NLS-CU 3/10 SN 1000MM	140 A	0402174	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
AB-STI 16/10		3037669	10
WST 10/35		3030006	25
SZF 3-1,0X5,5		1206612	10

UC-TM 10, UCT-TM 10 or ZB 10
(see Catalog 5)

UC-TM 12, UCT-TM 12 or ZB 12
(see Catalog 5)

UC-TM 16, UCT-TM 16 or ZB 16,3
(see Catalog 5)
UC-TMF 16, UCT-TMF 16 or ZBF 16
(see Catalog 5)

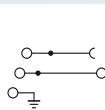
Modular terminal blocks - CLIPLINE complete

STI spring-cage connection terminal blocks

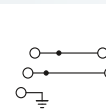
STI ... three-level installation terminal blocks

- Optimum operating convenience with extremely compact design
- Quickly wire load circuits with a pitch of just 5.2 mm
- Each terminal point can be clearly labeled

Notes:
Assembly instructions:
 For secure fastening of the neutral busbar, supports must be set at the beginning and end of each terminal strip as well as every 20 cm on longer terminal strips.



2.5 (4) mm², 20 A, three-level terminal block, 1 x L phase conductor, 1 x N conductor can be disconnected, 1 x PE



2.5 (4) mm², 24 A, three-level terminal block, 2 x L phase conductor, 1 x PE



Dimensions		[mm]	
Max. electrical data			
Rated data			
Rated voltage	[V]	400	300
Phase conductor / phase conductor	[V]	400	-
Phase conductor / PE	[V]	250	-
Phase conductor / N	[V]	250	-
Nominal current / cross section	[A] / [mm ²]	20 / 2.5	20 / -
Rated cross section	[mm ²]	2.5	-
Cross section range	AWG	28 - 12	28-12
Connection capacity			
1 conductor	[mm ²]	0.08 - 4	0.08 - 4
Two stranded conductors with a TWIN ferrule	[mm ²]	0.08 - 4	0.14 - 2.5
General data			
Stripping length	[mm]	10	PA
Insulating material		PA	V0
Inflammability class according to UL 94		V0	

Technical data				
Width	Length	Height NS 35/7,5		
5.2	97	50.5		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG	
20	400	0.08 - 4	28 - 12	
IEC 60947-7-1 / IEC 60947-7-2				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
Connection capacity				
solid		stranded		Ferrule
				Without / with plastic sleeve
0.08 - 4	0.08 - 4	0.14 - 2.5	0.14 - 2.5	
0.5				
General data				
Stripping length	[mm]	10	PA	
Insulating material		PA	V0	
Inflammability class according to UL 94		V0		

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

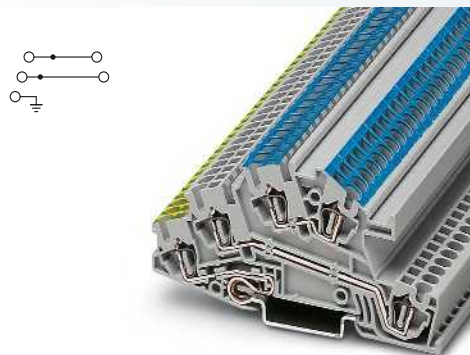
Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
STI 2,5-PE/LNT		3031827	50

Accessories		
Connection terminal block, steel, is pushed onto the NLS neutral busbar, can be labeled using ZB, with insulating cap, solid up to 16 mm ² , 10 mm wide	blue	AKG 16 BU
Up to 35 mm ² solid, 14.3 mm wide	blue	AKG 35 BU
Cover, width 2.2 mm	gray	D-STI/3
Plug-in bridge		
	2	red
	3	red
	4	red
	5	red
	10	red
	20	red
Partition plate, 2 mm width	gray	ATP-STI/3
PEN conductor busbar, 3 x 10 mm, 1 m long, material: copper, tin-plated, nominal current: 140 A	silver	NLS-CU 3/10 SN 1000MM
Test adapter, 4-mm test socket hole	gray	PAI-4-N GY
Modular test plug, for the individual assembly of test plug strips	red	PS-5
Support, blue insulating material, for holding the neutral busbar, must be set every 20 cm, 2 mm wide	blue	AB-STI/3
Screwdriver		SZF 1-0,6X3,5

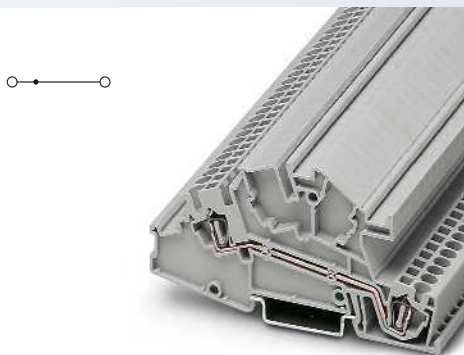
Accessories			
Type	I _{max}	Order No.	Pcs. / Pkt.
AKG 16 BU		0423014	50
AKG 35 BU		0424013	50
D-STI/3		3030844	10
FBS 2-5	24 A	3030161	50
FBS 3-5	24 A	3030174	50
FBS 4-5	24 A	3030187	50
FBS 5-5	24 A	3030190	50
FBS 10-5	24 A	3030213	10
FBS 20-5	24 A	3030226	10
ATP-STI/3		3030857	10
NLS-CU 3/10 SN 1000MM	140 A	0402174	10
PAI-4-N GY		3032871	10
PS-5		3030983	10
AB-STI/3		3030831	10
SZF 1-0,6X3,5		1204517	10

Center groove labeling	UC-TM 5, UCT-TM 5 or ZB 5 (see Catalog 5)
Center and lateral groove labeling	UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)

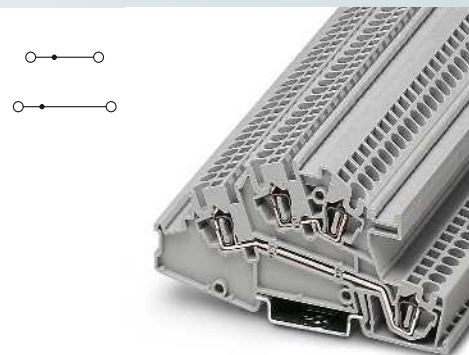
Center groove labeling	UC-TM 5, UCT-TM 5 or ZB 5 (see Catalog 5)
Center and lateral groove labeling	UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)



2.5 (4) mm², 24 A, three-level terminal block, 1 x L phase conductor, 1 x N conductor, 1 x PE



2.5 (4) mm², 24 A, three-level terminal block, 1 x L phase conductor



2.5 (4) mm², 24 A, three-level terminal block, 2 x L phase conductor



Technical data			
Width	Length	Height NS 35/7,5	
5.2	97	50.5	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG
24	400	0.08 - 4	28 - 12
IEC 60947-7-1 / IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/EN 60079-7
400	300	300	-
400	-	-	-
250	-	-	-
400	-	-	-
24 / 2.5	20 / -	20 / -	-
2.5	-	-	-
28 - 12	28-12	28-12	-
solid	stranded	Ferrule	
Without / with plastic sleeve			
0.08 - 4	0.08 - 4	0.14 - 2.5	0.14 - 2.5 0.5
10	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
5.2	97	50.5	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG
24	400	0.08 - 4	28 - 12
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
400	300	300	-
400	-	-	-
-	-	-	-
-	-	-	-
24 / 2.5	20 / -	20 / -	-
2.5	-	-	-
28 - 12	28-12	28-12	-
solid	stranded	Ferrule	
Without / with plastic sleeve			
0.08 - 4	0.08 - 4	0.14 - 2.5	0.14 - 2.5 0.5
10	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
5.2	97	50.5	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG
24	400	0.08 - 4	28 - 12
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
400	300	300	-
400	-	-	-
-	-	-	-
-	-	-	-
24 / 2.5	20 / -	20 / -	-
2.5	-	-	-
28 - 12	28-12	28-12	-
solid	stranded	Ferrule	
Without / with plastic sleeve			
0.08 - 4	0.08 - 4	0.14 - 2.5	0.14 - 2.5 0.5
10	PA	V0	

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
STI 2,5-PE/L/N		3031843	50

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
STI 2,5-L		3031869	50

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
STI 2,5-L/L		3031856	50

Accessories			
Type	I _{max}	Order No.	Pcs. / Pkt.
D-STI/3		3030844	10
FBS 2-5	24 A	3030161	50
FBS 3-5	24 A	3030174	50
FBS 4-5	24 A	3030187	50
FBS 5-5	24 A	3030190	50
FBS 10-5	24 A	3030213	10
FBS 20-5	24 A	3030226	10
ATP-STI/3		3030857	10
NLS-CU 3/10 SN 1000MM	140 A	0402174	10
PAI-4-N GY		3032871	10
PS-5		3030983	10
AB-STI/3		3030831	10
SZF 1-0,6X3,5		1204517	10

Accessories			
Type	I _{max}	Order No.	Pcs. / Pkt.
D-STI/3		3030844	10
FBS 2-5	24 A	3030161	50
FBS 3-5	24 A	3030174	50
FBS 4-5	24 A	3030187	50
FBS 5-5	24 A	3030190	50
FBS 10-5	24 A	3030213	10
FBS 20-5	24 A	3030226	10
ATP-STI/3		3030857	10
NLS-CU 3/10 SN 1000MM	140 A	0402174	10
PAI-4-N GY		3032871	10
PS-5		3030983	10
AB-STI/3		3030831	10
SZF 1-0,6X3,5		1204517	10

Accessories			
Type	I _{max}	Order No.	Pcs. / Pkt.
D-STI/3		3030844	10
FBS 2-5	24 A	3030161	50
FBS 3-5	24 A	3030174	50
FBS 4-5	24 A	3030187	50
FBS 5-5	24 A	3030190	50
FBS 10-5	24 A	3030213	10
FBS 20-5	24 A	3030226	10
ATP-STI/3		3030857	10
NLS-CU 3/10 SN 1000MM	140 A	0402174	10
PAI-4-N GY		3032871	10
PS-5		3030983	10
AB-STI/3		3030831	10
SZF 1-0,6X3,5		1204517	10

UC-TM 5, UCT-TM 5 or ZB 5
(see Catalog 5)
UC-TMF 5, UCT-TMF 5 or ZBF 5
(see Catalog 5)

UC-TM 5, UCT-TM 5 or ZB 5
(see Catalog 5)
UC-TMF 5, UCT-TMF 5 or ZBF 5
(see Catalog 5)

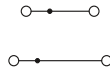
UC-TM 5, UCT-TM 5 or ZB 5
(see Catalog 5)
UC-TMF 5, UCT-TMF 5 or ZBF 5
(see Catalog 5)

ST spring-cage connection terminal blocks

STI ... three-level installation terminal blocks

– The terminal blocks with the knife disconnect zone in the upper level comply with the safety requirement of single circuit disconnection according to DIN VDE 0100-718

Notes:
For more plug-in bridges, see page 472.
For corresponding function plugs, see page 480.
1) Also see page 480.



2.5 (4) mm², 24 A, three-level terminal block, 1 x L phase conductor, 1 x N conductor

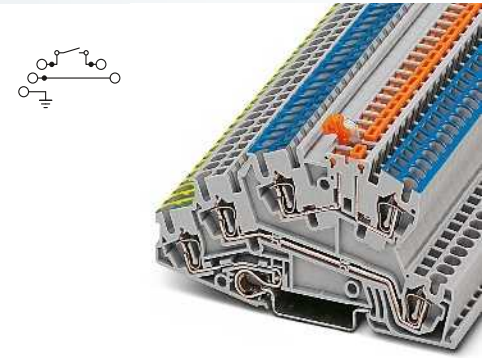


Technical data				
Width	Length	Height NS 35/7,5		
5.2	97	50.5		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG	
24	400	0.08 - 4	28 - 12	
IEC 60947-7-1				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
400	300	300	-	
400	-	-	-	
400	-	-	-	
250	-	-	-	
250	-	-	-	
24 / 2.5	20 / -	20 / -	-	
2.5	-	-	-	
28 - 12	28-12	28-12	-	
IEC 60947-7-1				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
-	-	-	-	
Disconnect level rated data				
Nominal current / cross section	[A] / [mm ²]			
-	-	-	-	
Connection capacity				
1 conductor	stranded	Ferrule		
0.08 - 4	0.08 - 4	Without / with plastic sleeve		
		0.14 - 2.5	0.14 - 2.5	
			0.5	
General data				
Stripping length	[mm]			
10				
Insulating material				
PA				
Inflammability class according to UL 94				
V0				

Ordering data				
Type	I _{max.}	Order No.	Pcs. / Pkt.	
STI 2,5-L/N		3201851	50	

Accessories				
Type	I _{max.}	Order No.	Pcs. / Pkt.	
AKG 16 BU		0423014	50	
AKG 35 BU		0424013	50	
D-STI/3		3030844	10	
FBS 2-5	24 A	3030161	50	
FBS 5-5	24 A	3030190	50	
FBS 20-5	24 A	3030226	10	
ATP-STI/3		3030857	10	
NLS-CU 3/10 SN 1000MM	140 A	0402174	10	
PAI-4-N GY		3032871	10	
PS-5		3030983	10	
AB-STI/3		3030831	10	
SZF 1-0,6X3,5		1204517	10	

UC-TM 5, UCT-TM 5 or ZB 5 (see Catalog 5)
UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)



2.5 (4) mm², 24 A, three-level terminal block, 1 x L phase conductor, 1 x N conductor can be disconnected, 1 x PE

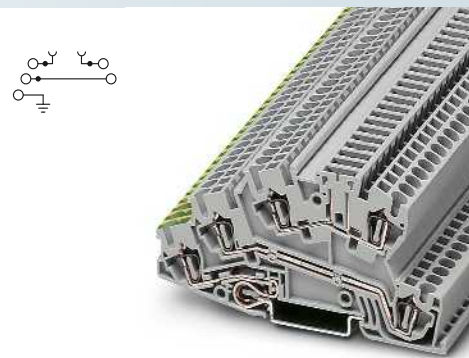
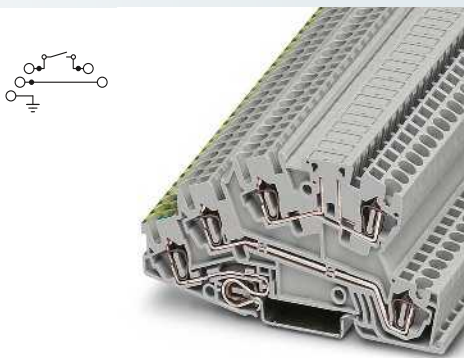
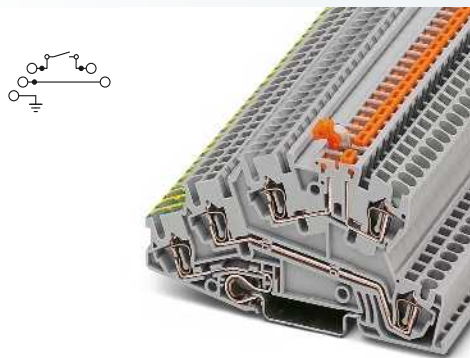


Technical data				
Width	Length	Height NS 35/7,5		
5.2	97	50.5		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG	
24	400	0.08 - 4	28 - 12	
IEC 60947-7-1 / IEC 60947-7-2				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
400	300	300	-	
400	-	-	-	
250	-	-	-	
250	-	-	-	
24 / 2.5	20 / -	20	-	
2.5	-	-	-	
28 - 12	28-12	28-12	-	
IEC 60947-7-1				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
16 / 2.5	16 / -	16 / -	-	
Disconnect level rated data				
Nominal current / cross section	[A] / [mm ²]			
-	-	-	-	
Connection capacity				
1 conductor	stranded	Ferrule		
0.08 - 4	0.08 - 4	Without / with plastic sleeve		
		0.14 - 2.5	0.14 - 2.5	
			0.5	
General data				
Stripping length	[mm]			
10				
Insulating material				
PA				
Inflammability class according to UL 94				
V0				

Ordering data				
Type	I _{max.}	Order No.	Pcs. / Pkt.	
STI 2,5-PE/L/NTB		3038642	50	

Accessories				
Type	I _{max.}	Order No.	Pcs. / Pkt.	
D-STI/3B		3038655	10	
FBS 2-5	24 A	3030161	50	
FBS 5-5	24 A	3030190	50	
FBS 20-5	24 A	3030226	10	
S-MT		3247954	50	
PAI-4-N GY		3032871	10	
PS-5		3030983	10	
SZF 1-0,6X3,5		1204517	10	

UC-TM 5, UCT-TM 5 or ZB 5 (see Catalog 5)
UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)



2.5 (4) mm², 24 A, three-level terminal block, 1 x L phase conductor, 1 phase conductor can be disconnected

2.5 (4) mm², 24 A, three-level terminal block, 2 x L phase conductor

2.5 (4) mm², 24 A, three-level terminal block, 1 x L phase conductor, 1 x PE, 1 x disconnect zone



Technical data			
Width	Length	Height NS 35/7,5	
5.2	97	50.5	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
24	400	0.08 - 4	28 - 12
IEC 60947-7-1 / IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/EN 60079-7
400	300	300	-
400	-	-	-
250	-	-	-
-	-	-	-
24 / 2.5	20 / -	20	-
2.5	-	-	-
28 - 12	28-12	28-12	-
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
16 / 2.5	16 / -	16 / -	-
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.08 - 4	0.08 - 4	0.14 - 2.5	0.14 - 2.5
0.5			
10	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
5.2	97	50.5	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
24	400	0.08 - 4	28 - 12
IEC 60947-7-1 / IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/EN 60079-7
400	300	300	-
400	-	-	-
250	-	-	-
-	-	-	-
24 / 2.5	20 / -	20	-
2.5	-	-	-
28 - 12	28-12	28-12	-
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
16 / 2.5	16 / -	16 / -	-
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.08 - 4	0.08 - 4	0.14 - 2.5	0.14 - 2.5
0.5			
10	PA	V0	

Technical data			
Width	Length	Height NS 35/7,5	
5.2	97	50.5	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
24	400	0.08 - 4	28 - 12
IEC 60947-7-1 / IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/EN 60079-7
400	300	300	-
400	-	-	-
250	-	-	-
-	-	-	-
24 / 2.5	20 / -	20	-
2.5	-	-	-
28 - 12	28-12	28-12	-
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
16 / 2.5	16 / -	16 / -	-
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.08 - 4	0.08 - 4	0.14 - 2.5	0.14 - 2.5
0.5			
10	PA	V0	

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
STI 2,5-PE/L/LTB		3032130	50

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
STI 2,5-PE/L/LB		3035205	50

Ordering data			
Type	I_{max}	Order No.	Pcs. / Pkt.
STI 2,5-PE/L/TG		3039942	50

Accessories			
		Order No.	Pcs. / Pkt.
D-STI/3B		3038655	10
FBS 2-5	24 A	3030161	50
FBS 5-5	24 A	3030190	50
FBS 20-5	24 A	3030226	10
S-MT		3247954	50
PAI-4-N GY		3032871	10
PS-5		3030983	10
SZF 1-0,6X3,5		1204517	10

Accessories			
		Order No.	Pcs. / Pkt.
D-STI/3B		3038655	10
FBS 2-5	24 A	3030161	50
FBS 5-5	24 A	3030190	50
FBS 20-5	24 A	3030226	10
PAI-4-N GY		3032871	10
PS-5		3030983	10
SZF 1-0,6X3,5		1204517	10

Accessories			
		Order No.	Pcs. / Pkt.
D-STI/3B		3038655	10
FBS 2-5	24 A	3030161	50
FBS 5-5	24 A	3030190	50
FBS 20-5	24 A	3030226	10
PAI-4-N GY		3032871	10
PS-5		3030983	10
SZF 1-0,6X3,5		1204517	10

UC-TM 5, UCT-TM 5 or ZB 5
(see Catalog 5)
UC-TMF 5, UCT-TMF 5 or ZBF 5
(see Catalog 5)

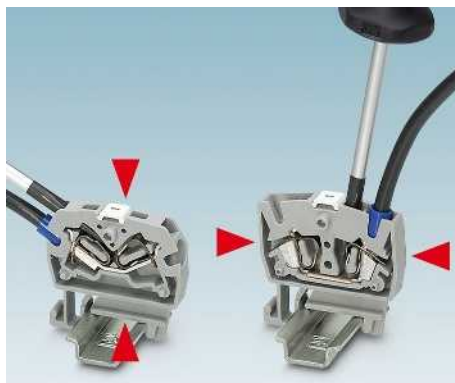
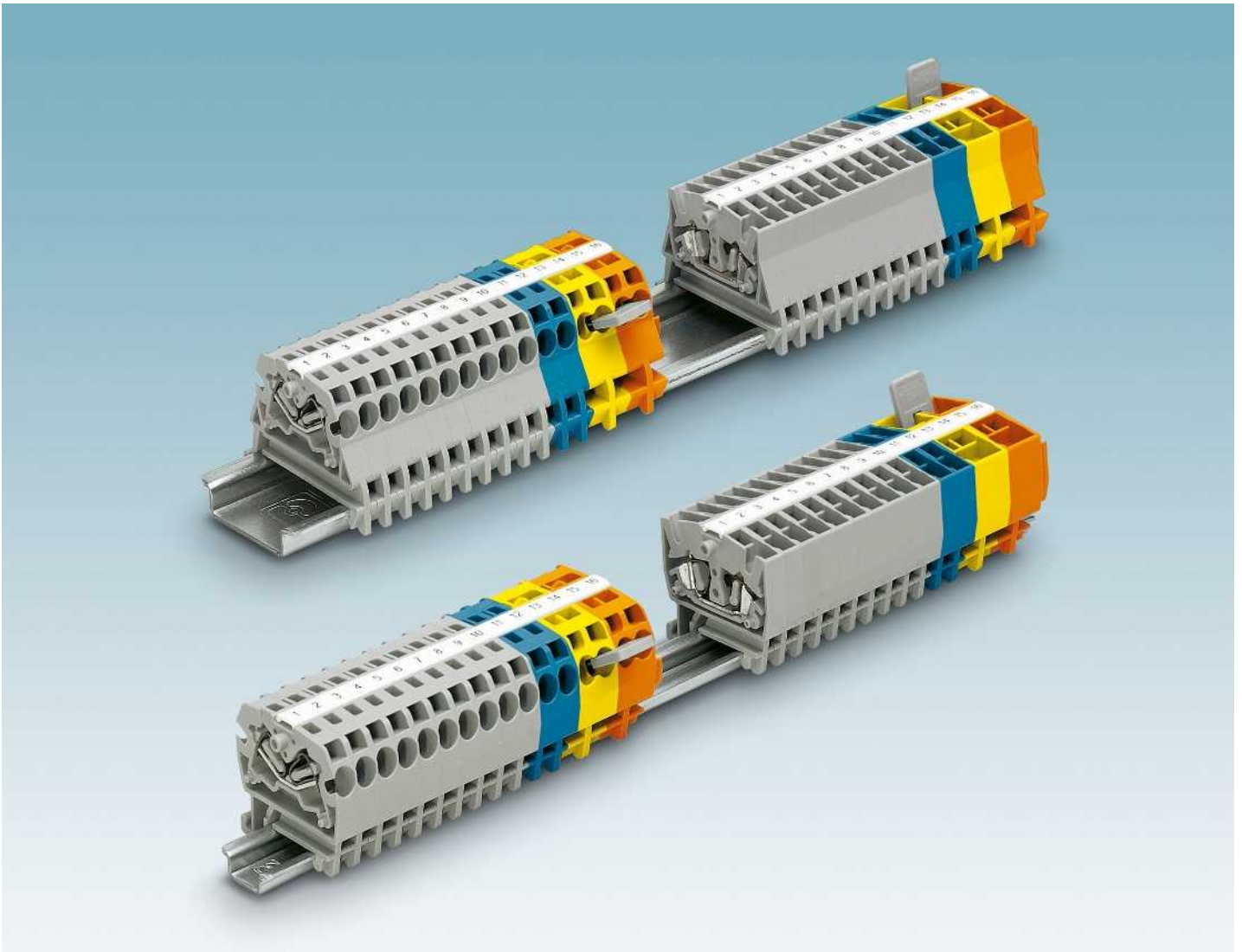
UC-TM 5, UCT-TM 5 or ZB 5
(see Catalog 5)
UC-TMF 5, UCT-TMF 5 or ZBF 5
(see Catalog 5)

UC-TM 5, UCT-TM 5 or ZB 5
(see Catalog 5)
UC-TMF 5, UCT-TMF 5 or ZBF 5
(see Catalog 5)

Modular terminal blocks - CLIPLINE complete

ST spring-cage connection terminal blocks

MSB and MSBV mini spring-cage terminal blocks



Miniature terminal connection with maximum benefits

Thanks to the space-saving design and conductor entry from above and from the side, MSB 2,5 and MSBV 2,5 mini spring-cage terminal blocks are ideal for wiring in a confined space.



Maximum connection space

Thanks to their maximum connection space, miniature spring-cage terminal blocks offer a quick means of wiring solid and stranded conductors, even for conductors of nominal cross section with assembled ferrule.



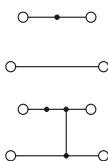
Flexible application

The miniature spring-cage terminal blocks are available for DIN rail mounting on NS 15 or NS 35 and direct mounting with screw flange or engagement pin.

MZFKK 1,5 and MZFKKB 1,5 mini double-level terminal blocks

- For maximum space saving with 5.2 mm pitch
- Fit on NS 15 and NS 35 DIN rails
- Bridging facility in both levels with MZFKKB 1,5
- Each terminal point can be labeled

Notes:
 1) The total current of all connected conductors must not exceed the max. load current.



1.5 (2.5) mm², 24 A, double-level terminal block



1.5 (2.5) mm², 20 A, double-level terminal block, both levels can be bridged



Technical data				
Dimensions	Width	Length	Height NS 35/7,5	
	5.2	67.5	42.5	
Dimensions	Width	Length	Height NS 15	
	5.2	67.5	42	
Max. electrical data	I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG
	24	500	0.14 - 2.5	26 - 14
Rated data	IEC 60947-7-1	UL/CUL	CSA	IEC/ EN 60079-7
	IEC	UL/CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	500	600	-
Nominal current / cross section	[A] / [mm ²]	17.5 / 1.5	15 / -	-
Rated cross section	[mm ²]	1.5	-	-
Cross section range	AWG	26 - 14	26-14	-
Connection capacity		solid	stranded	Ferrule Without / with plastic sleeve
1 conductor	[mm ²]	0.14 - 2.5	0.14 - 1.5	0.14 - 1.5 0.14 - 1.5
Two stranded conductors with a TWIN ferrule	[mm ²]			
General data				
Stripping length	[mm]	9		
Insulating material		PA		
Inflammability class according to UL 94		V0		



Technical data				
Dimensions	Width	Length	Height NS 35/7,5	
	5.2	85	42.5	
Dimensions	Width	Length	Height NS 15	
	5.2	85	42	
Max. electrical data	I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG
	20	500	0.14 - 2.5	26 - 14
Rated data	IEC 60947-7-1	UL/CUL	CSA	IEC/ EN 60079-7
	IEC	UL/CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	500	600	-
Nominal current / cross section	[A] / [mm ²]	17.5 / 1.5	15 / -	-
Rated cross section	[mm ²]	1.5	-	-
Cross section range	AWG	26 - 14	26-14	-
Connection capacity		solid	stranded	Ferrule Without / with plastic sleeve
1 conductor	[mm ²]	0.14 - 2.5	0.14 - 1.5	0.14 - 1.5 0.14 - 1.5
Two stranded conductors with a TWIN ferrule	[mm ²]			
General data				
Stripping length	[mm]	9		
Insulating material		PA		
Inflammability class according to UL 94		V0		

Ordering data				
Description	No. of pos.	Color	Type	I _{max}
Mini spring-cage terminal block , for mounting on NS 15 or NS 35 DIN rail		gray	MZFKK 1,5	3029813
Mini spring-cage terminal block , for mounting on NS 15 or NS 35 DIN rail, with potential distribution between the levels ¹⁾		gray	MZFKK 1,5-PV	3029826
				Pcs. / Pkt.
				50

Ordering data				
Description	No. of pos.	Color	Type	I _{max}
Mini spring-cage terminal block , for mounting on NS 15 or NS 35 DIN rail		gray	MZFKKB 1,5	3005714
				Pcs. / Pkt.
				50

Accessories				
Cover , width 1 mm		gray	D-MZFKK 1,5	3029839
Fixed bridge , for cross connections in the terminal center, screw heads with insulation collar				
	2	silver	FBRI 2-5 N	20 A 3000227
	3	silver	FBRI 3-5 N	20 A 3000201
	10	silver	FBRI 10-5 N	20 A 2770642
Separating disk , for separation of neighboring bridges, can be fitted later, no loss of pitch		gray	TS-KK 3	2770215
Screwdriver			SZF 1-0,6X3,5	1204517

Accessories				
Cover , width 1 mm		gray	D-MZFKK 1,5	3029839
Fixed bridge , for cross connections in the terminal center, screw heads with insulation collar				
	2	silver	FBRI 2-5 N	20 A 3000227
	3	silver	FBRI 3-5 N	20 A 3000201
	10	silver	FBRI 10-5 N	20 A 2770642
Separating disk , for separation of neighboring bridges, can be fitted later, no loss of pitch		gray	TS-KK 3	2770215
Screwdriver			SZF 1-0,6X3,5	1204517

Lateral groove labeling
 UC-TMF 5, UCT-TMF 5 or ZBF 5
 (see Catalog 5)

Lateral groove labeling
 UC-TMF 5, UCT-TMF 5 or ZBF 5
 (see Catalog 5)

ST spring-cage connection terminal blocks

MS(D)B 2,5 mini feed-through and ground terminal block, for mounting on NS 15



- Can be used in smaller terminal boxes
- For connecting smaller motors and wiring in the lower power spectrum
- The mini spring-cage terminal block for NS 15 DIN rails is available as a 2 and 4-wire terminal block
- Maximum wiring space, 4 mm² solid or 2.5 mm² stranded conductors can also be contacted with ferrules
- Ideal for wiring in a small amount of space
- Ground terminal block of the same shape makes contact when simply snapped on and meets the high requirements of IEC 60947-7-2

Notes:
For current carrying capacity of DIN rails, see page 716.
1) The total current of all connected conductors must not exceed the max. load current.
2) For installation notes on the use of accessories for Ex e applications, see page 710.



2.5 (4) mm², 30 A, feed-through terminal block



Ex: PTB 08ATEX1075U / IECEx PTB 08.0048U

Dimensions		[mm]	
Max. electrical data			
Rated data			
Rated voltage	[V]	800	600
Nominal current / cross section	[A] / [mm ²]	24 / 2.5	20 / -
Rated cross section	[mm ²]	2.5	-
Cross section range	AWG	28 - 12	28-12
Connection capacity			
1 conductor	[mm ²]	0.08 - 4	0.08 - 2.5
Two stranded conductors with a TWIN ferrule	[mm ²]		
General data			
Stripping length	[mm]	8	
Insulating material		PA	
Inflammability class according to UL 94		V0	

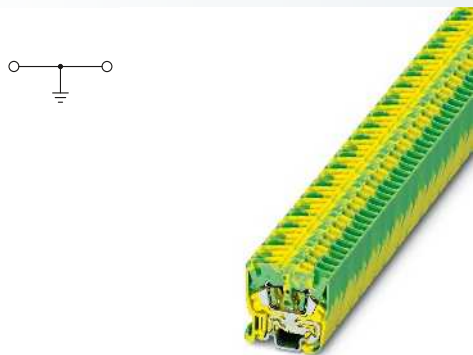
Technical data				
Width	Length	Height NS 15		
5.2	32	30		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG	
30	800	0.08 - 4	28 - 12	
IEC 60947-7-1				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
			Without / with plastic sleeve	
solid	stranded		0.14 - 2.5	0.14 - 2.5
0.5				
Ferrule				
0.5				

Description	No. of pos.	Color
Mini terminal block , for mounting on NS 15		gray
		blue
		orange
		yellow
Mini ground terminal block , for mounting on NS 15		green-yellow
Double mini terminal block , with four terminal points having the same potential, for mounting on NS 15		gray
		blue
		orange
		yellow

Ordering data		
Type	Order No.	Pcs. / Pkt.
MSB 2,5	3244012	50
MSB 2,5 BU	3244025	50
MSB 2,5 OG	3244038	50
MSB 2,5 YE	3073092	50

Cover , width 4 mm		gray
		blue
Insertion bridge , fully insulated		
	2	gray
Screwdriver		
Center groove labeling		

Accessories ²⁾		
Type	Order No.	Pcs. / Pkt.
D-MZB 1,5	3024177	50
D-MZB 1,5 BU	3024423	50
SZF 1-0,6X3,5	1204517	10
UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)		



2.5 (4) mm², ground terminal block



2.5 (4) mm², 30 A, feed-through terminal block, 4 connections



Ex: PTB 08ATEX1075U / IECEx PTB 08.0048U

Technical data			
Width	Length	Height NS 15	
5.2	32	30	
		max. Ø [mm ²]	AWG
		0.08 - 4	28 - 12
IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/EN 60079-7
-	-	-	-
-	- / -	-	-
2.5	-	-	-
28 - 12	28-12	28-12	-
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5
		0.5	
8			
PA			
V0			

Technical data			
Width	Length	Height NS 15	
10.4	32	30	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG
30 ¹⁾	800	0.08 - 4	28 - 12
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
800	600	600	690
24 ¹⁾ / 2.5	20 / -	20 / -	22 / 2.5 // 28 / 4
2.5	-	-	2.5
28 - 12	28-12	28-12	28 - 12
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5
		0.5	
8			
PA			
V0			

Ordering data		
Type	Order No.	Pcs. / Pkt.
MSB 2,5-PE	3244151	50

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
MSDB 2,5		3244216	50
MSDB 2,5 BU		3244229	50
MSDB 2,5 OG		3073102	50
MSDB 2,5 YE		3073115	50

Accessories ²⁾		
D-MZB 1,5	3024177	50
SZF 1-0,6X3,5	1204517	10

Accessories ²⁾			
D-MZB 1,5	3024177	50	
ESB 2-MZDB	24 A	3029703	10
SZF 1-0,6X3,5		1204517	10

UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)

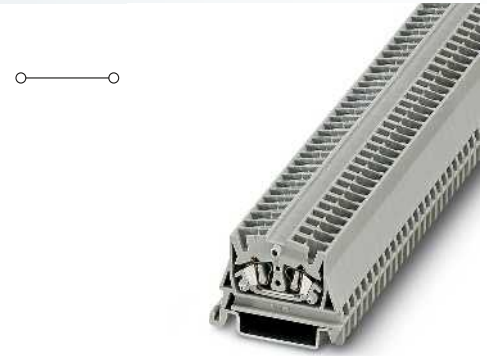
UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)

ST spring-cage connection terminal blocks

MS(D)B 2,5 mini feed-through and ground terminal block, for mounting on NS 35

- The mini spring-cage terminal block for NS 35 DIN rails is available as a 2 and 4-wire terminal block
- Maximum wiring space, 4 mm² solid or 2.5 mm² stranded conductors can also be contacted with ferrules
- Ideal for wiring in a small amount of space
- Ground terminal block of the same shape makes contact when simply snapped on and meets the high requirements of IEC 60947-7-2

Notes:
For current carrying capacity of DIN rails, see page 716.
1) The total current of all connected conductors must not exceed the max. load current.
2) For installation notes on the use of accessories for Ex e applications, see page 710.



2.5 (4) mm², 30 A, feed-through terminal block



Ex: IECEx PTB 08ATEX1075U / IECEx PTB 08.0048U

Dimensions		
		[mm]
Max. electrical data		
Rated data		
Rated voltage	[V]	800
Nominal current / cross section	[A] / [mm ²]	24 / 2.5
Rated cross section	[mm ²]	2.5
Cross section range	AWG	28 - 12
Connection capacity		
1 conductor	[mm ²]	0.08 - 4
Two stranded conductors with a TWIN ferrule	[mm ²]	0.08 - 2.5
General data		
Stripping length	[mm]	8
Insulating material		PA
Inflammability class according to UL 94		V0

Technical data				
Width	Length	Height NS 35/7,5		
5.2	42.7	32		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG	
30	800	0.08 - 4	28 - 12	
IEC 60947-7-1		Ex		
IEC	UL/CUL	CSA	IEC/EN 60079-7	
			Without / with plastic sleeve	
			0.14 - 2.5	0.14 - 2.5
			0.5	

Description	No. of pos.	Color
Mini terminal block, for mounting on NS 35		gray
		blue
		orange
		yellow
Mini ground terminal block, for mounting on NS 35...		green-yellow
Double mini terminal block, with four terminal points having the same potential, for mounting on NS 35		gray
		blue
		orange
		yellow

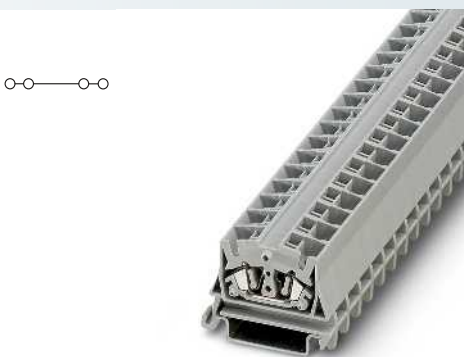
Ordering data		
Type	Order No.	Pcs. / Pkt.
MSB 2,5-NS 35	3244119	50
MSB 2,5-NS 35 BU	3244122	50
MSB 2,5-NS 35 OG	3244135	50
MSB 2,5-NS 35 YE	3073128	50

Cover, width 4 mm		gray
		blue
Insertion bridge, fully insulated	2	gray
Screwdriver		
Center groove labeling		

Accessories ²⁾		
D-MZB 1,5	3024177	50
D-MZB 1,5 BU	3024423	50
SZF 1-0,6X3,5	1204517	10
UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)		



For mounting on NS 35 DIN rail acc. to EN 60715



2.5 (4) mm², 30 A, feed-through terminal block, 4 connections



PTB 08ATEX1075U / IECEx PTB 08.0048U

Technical data			
Width	Length	Height NS 35/7,5	
5.2	42.7	32	
		max. Ø [mm ²]	AWG
		0.08 - 4	28 - 12
IEC 60947-7-2			
IEC	UL/CUL	CSA	IEC/EN 60079-7
-	-	-	-
-	- / -	-	-
2.5	-	-	-
28 - 12	28-12	28-12	-
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5
			0.5
8			
PA			
V0			

Technical data			
Width	Length	Height NS 35/7,5	
10.4	42.7	32	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG
30 ¹⁾	800	0.08 - 4	28 - 12
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
800	600	600	690
24 ¹⁾ / 2.5	20 / -	20 / -	22 / 2.5 // 28 / 4
2.5	-	-	2.5
28 - 12	28-12	28-12	28 - 12
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5
			0.5
8			
PA			
V0			

Ordering data		
Type	Order No.	Pcs. / Pkt.
MSB 2,5-NS 35-PE	3244148	50

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
MSDB 2,5-NS 35		3244300	50
MSDB 2,5-NS 35 BU		3244313	50
MSDB 2,5-NS 35 OG		3244326	50
MSDB 2,5-NS 35 YE		3073131	50

Accessories ²⁾		
D-MZB 1,5	3024177	50
SZF 1-0,6X3,5	1204517	10

Accessories ²⁾			
D-MZB 1,5		3024177	50
ESB 2-MZDB	24 A	3029703	10
SZF 1-0,6X3,5		1204517	10

UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)

UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)

ST spring-cage connection terminal blocks

MS(D)B 2,5 mini feed-through terminal blocks, for direct mounting with flange

- MS(D)B 2,5-M middle terminal blocks can be mounted directly on a mounting plate in conjunction with the MS(D)B 2,5-F flange terminal block and the D-MZB 1,5-F flange end cover

Notes:
1) The total current of all connected conductors must not exceed the max. load current.
2) For installation notes on the use of accessories for Ex e applications, see page 710.



2.5 (4) mm², 30 A, feed-through terminal block, for grouping

Ex:

 PTB 08ATEX1075U / IECEx PTB 08.0048U

Technical data				
Width	Length	Height		
5.2	32	22		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG	
30	800	0.08 - 4	28 - 12	
IEC 60947-7-1				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
800	600	600	550	
Nominal current / cross section [A] / [mm ²]	24 / 2.5	20 / -	20 / -	22 / 2.5 // 28 / 4
Rated cross section [mm ²]	2.5	-	-	2.5
Cross section range AWG	28 - 12	28-12	28-12	28 - 12
Connection capacity		Ferrule		
1 conductor [mm ²]	0.08 - 4	0.08 - 2.5	Without / with plastic sleeve	
Two stranded conductors with a TWIN ferrule [mm ²]			0.14 - 2.5	0.14 - 2.5
			0.5	
General data				
Stripping length [mm]	8			
Insulating material	PA			
Inflammability class according to UL 94	V0			

Ordering data					
Description	No. of pos.	Color	Type	Order No.	Pcs. / Pkt.
Mini middle terminal block, mounting in conjunction with flange and engagement pin versions		gray	MSB 2,5-M	3244067	50
		blue	MSB 2,5-M BU	3244070	50
		orange	MSB 2,5-M OG	3244096	50
		yellow	MSB 2,5-M YE	3244106	50
Mini flange terminal block, for direct mounting with screws		gray	MSB 2,5-F	3244041	50
		blue	MSB 2,5-F BU	3244054	50
Mini middle terminal block, double connection, mounting in conjunction with flange and engagement pin versions		gray			
		blue			
		orange			
Mini flange terminal block, double connection, for direct mounting with screws		gray			
		blue			

Accessories ²⁾				
Cover, width 4 mm	gray	D-MZB 1,5	3024177	50
	blue	D-MZB 1,5 BU	3024423	50
Cover, with flange, width 9.9 mm	gray	D-MZB 1,5-F	3024180	50
	blue	D-MZB 1,5-F BU	3024449	50
Insertion bridge, fully insulated	2			
Screwdriver		SZF 1-0,6X3,5	1204517	10

UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)



2.5 (4) mm², 30 A, feed-through terminal block, 4 connections, for grouping

Ex:

 PTB 08ATEX1075U / IECEx PTB 08.0048U

Technical data				
Width	Length	Height		
10.4	32	22		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG	
30 ¹⁾	800	0.08 - 4	28 - 12	
IEC 60947-7-1				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
800	600	600	550	
Nominal current / cross section [A] / [mm ²]	24 ¹⁾ / 2.5	20 / -	20 / -	22 / 2.5 // 28 / 4
Rated cross section [mm ²]	2.5	-	-	2.5
Cross section range AWG	28 - 12	28-12	28-12	28 - 12
Connection capacity		Ferrule		
1 conductor [mm ²]	0.08 - 4	0.08 - 2.5	Without / with plastic sleeve	
Two stranded conductors with a TWIN ferrule [mm ²]			0.14 - 2.5	0.14 - 2.5
			0.5	
General data				
Stripping length [mm]	8			
Insulating material	PA			
Inflammability class according to UL 94	V0			

Ordering data					
Description	No. of pos.	Color	Type	Order No.	Pcs. / Pkt.
Mini middle terminal block, mounting in conjunction with flange and engagement pin versions		gray	MSB 2,5-M	3244067	50
		blue	MSB 2,5-M BU	3244070	50
		orange	MSB 2,5-M OG	3244096	50
		yellow	MSB 2,5-M YE	3244106	50
Mini flange terminal block, for direct mounting with screws		gray	MSB 2,5-F	3244041	50
		blue	MSB 2,5-F BU	3244054	50
Mini middle terminal block, double connection, mounting in conjunction with flange and engagement pin versions		gray			
		blue			
		orange			
Mini flange terminal block, double connection, for direct mounting with screws		gray			
		blue			

Accessories ²⁾				
Cover, width 4 mm	gray	D-MZB 1,5	3024177	50
	blue	D-MZB 1,5 BU	3024423	50
Cover, with flange, width 9.9 mm	gray	D-MZB 1,5-F	3024180	50
	blue	D-MZB 1,5-F BU	3024449	50
Insertion bridge, fully insulated	2			
Screwdriver		SZF 1-0,6X3,5	1204517	10

UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)

MS(D)B 2,5 mini feed-through terminal blocks, for direct mounting with engagement pin

- The MS(D)B 2,5 RZ engagement pin versions can be directly snapped onto pre-drilled base plates
- Can be freely combined with MS(D)B 2,5-M middle terminal blocks

Notes:
1) The total current of all connected conductors must not exceed the max. load current.
2) For installation notes on the use of accessories for Ex e applications, see page 710.



2.5 (4) mm², 30 A, feed-through terminal block, with engagement pin



2.5 (4) mm², 30 A, feed-through terminal block, 4 connections, with engagement pin



Ex: PTB 08ATEX1075U / IECEx PTB 08.0048U

Technical data				
Width	Length	Height		
5.2	32	22		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG	
30	800	0.08 - 4	28 - 12	
IEC 60947-7-1				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
800	600	600	550	
Nominal current / cross section [A] / [mm ²]	24 / 2.5	20 / -	20 / -	22 / 2.5 // 28 / 4
Rated cross section [mm ²]	2.5	-	-	2.5
Cross section range AWG	28 - 12	28-12	28-12	28 - 12
Connection capacity	solid	stranded	Ferrule Without / with plastic sleeve	
1 conductor [mm ²]	0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5
Two stranded conductors with a TWIN ferrule [mm ²]				0.5
General data	Plate thickness [mm]	0.6 - 1.5		
Hole diameter [mm]	3.5			
Drill hole spacing [mm]	5.2			
Stripping length [mm]	8			
Insulating material	PA			
Inflammability class according to UL 94	V0			



Ex: PTB 08ATEX1075U / IECEx PTB 08.0048U

Technical data				
Width	Length	Height		
10.4	32	22		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG	
30 ¹⁾	800	0.08 - 4	28 - 12	
IEC 60947-7-1				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
800	600	600	550	
Nominal current / cross section [A] / [mm ²]	24 ¹⁾ / 2.5	20 / -	20 / -	22 / 2.5 // 28 / 4
Rated cross section [mm ²]	2.5	-	-	2.5
Cross section range AWG	28 - 12	28-12	28-12	28 - 12
Connection capacity	solid	stranded	Ferrule Without / with plastic sleeve	
1 conductor [mm ²]	0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5
Two stranded conductors with a TWIN ferrule [mm ²]				0.5
General data	Plate thickness [mm]	0.6 - 1.5		
Hole diameter [mm]	3.5			
Drill hole spacing [mm]	10.3			
Stripping length [mm]	8			
Insulating material	PA			
Inflammability class according to UL 94	V0			

Dimensions		[mm]
Max. electrical data		
Rated data		
Rated voltage [V]	800	
Nominal current / cross section [A] / [mm ²]	24 / 2.5	
Rated cross section [mm ²]	2.5	
Cross section range AWG	28 - 12	
Connection capacity		
1 conductor [mm ²]	0.08 - 4	
Two stranded conductors with a TWIN ferrule [mm ²]		
General data		
Plate thickness [mm]	0.6 - 1.5	
Hole diameter [mm]	3.5	
Drill hole spacing [mm]	5.2	
Stripping length [mm]	8	
Insulating material	PA	
Inflammability class according to UL 94	V0	

Description	No. of pos.	Color
Mini terminal block , for direct mounting using engagement pins		gray
		blue
		orange
		yellow
Double mini terminal block , with four terminal points having the same potential, for direct mounting with an engagement pin		gray
		blue
		orange
		yellow

Ordering data			
Type	Order No.	Pcs. / Pkt.	
MSB 2,5-RZ	3244164	50	
MSB 2,5-RZ BU	3244177	50	
MSB 2,5-RZ OG	3244193	50	
MSB 2,5-RZ YE	3244203	50	

Ordering data			
Type	I _{max}	Order No.	Pcs. / Pkt.
MSDB 2,5-RZ		3244339	50
MSDB 2,5-RZ BU		3244342	50
MSDB 2,5-RZ OG		3244368	50
MSDB 2,5-RZ YE		3244371	50

Cover , width 4 mm	gray
Insertion bridge , fully insulated	blue
Screwdriver	2 gray
Center groove labeling	

Accessories ²⁾		
Type	Order No.	Pcs. / Pkt.
D-MZB 1,5	3024177	50
D-MZB 1,5 BU	3024423	50
SZF 1-0,6X3,5	1204517	10
UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)		

Accessories ²⁾		
Type	Order No.	Pcs. / Pkt.
D-MZB 1,5	3024177	50
D-MZB 1,5 BU	3024423	50
ESB 2-MZDB	3029703	10
SZF 1-0,6X3,5	1204517	10
UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)		

Modular terminal blocks - CLIPLINE complete

ST spring-cage connection terminal blocks

MS(D)BV 2,5 mini feed-through terminal blocks, for mounting on NS 15 DIN rails



- Thanks to the lateral conductor connection, especially suitable for mounting locations with low installation height
- The terminal block can be actuated from the side as well as from the front using a standard screwdriver
- For mounting on NS 15 ... DIN rails

Notes:

1) The total current of all connected conductors must not exceed the max. load current.



2.5 (4) mm², 30 A, lateral conductor entry, feed-through terminal block



Technical data

Dimensions	[mm]	Width	Length	Height NS 15
Max. electrical data		5.2	32	30
Rated data		I_{max} [A]	U_{max} [V]	max. Ø [mm ²] AWG
Rated voltage	[V]	30	800	0.08 - 4 28 - 12
Nominal current / cross section	[A] / [mm ²]	IEC 60947-7-1		
Rated cross section	[mm ²]	IEC	UL/CUL	CSA IEC/EN 60079-7
Cross section range	AWG	800	600	600 -
Connection capacity		24 / 2.5	20 / -	20 / -
1 conductor	[mm ²]	2.5	-	-
Two stranded conductors with a TWIN ferrule	[mm ²]	28 - 12	28-12	28-12
General data		Ferrule		
Stripping length	[mm]	solid	stranded	Without / with plastic sleeve
Insulating material		0.08 - 4	0.08 - 2.5	0.14 - 2.5 0.14 - 2.5
Inflammability class according to UL 94		0.5		
		8	PA	V0

Type	Order No.	Pcs. / Pkt.
MSBV 2,5	3249017	50
MSBV 2,5 BU	3249020	50
MSBV 2,5 OG	3073157	50
MSBV 2,5 YE	3073144	50

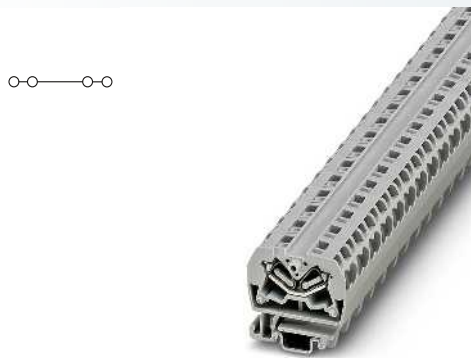
Ordering data

Description	Color
Mini terminal block , with lateral conductor entry, for mounting on NS 15	gray
	blue
	orange
	yellow
Double miniature terminal block , with 4 equipotential terminal points, with lateral conductor entry, for direct mounting on NS 15	gray
	blue
	orange
	yellow

Accessories		
Type	Order No.	Pcs. / Pkt.
D-MSBV 2,5	3251018	50
SZF 1-0,6X3,5	1204517	10

Cover , width 4 mm	gray
Screwdriver	
Center groove labeling	

UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)		
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2.5 (4) mm², 30 A, lateral conductor entry, feed-through terminal block, 4 connections



Technical data			
Width	Length	Height NS 15	
10.4	32	30	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
30*)	800	0.08 - 4	28 - 12
IEC 60947-7-1			
IEC	UL/CUL	CSA	IEC/EN 60079-7
800	600	600	-
24*) / 2.5	20 / -	20 / -	-
2.5	-	-	-
28 - 12	28-12	28-12	-
solid	stranded	Ferrule	
		Without / with plastic sleeve	
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5 0.5

8
PA
V0

Ordering data		
Type	Order No.	Pcs. / Pkt.
MSDBV 2,5	3249143	50
MSDBV 2,5 BU	3249156	50
MSDBV 2,5 OG	3073173	50
MSDBV 2,5 YE	3073160	50

Accessories		
D-MSBV 2,5	3251018	50
SZF 1-0,6X3,5	1204517	10
UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)		

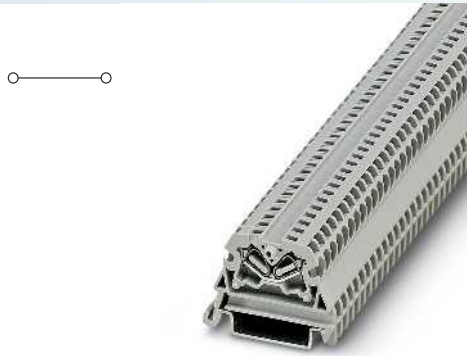
Modular terminal blocks - CLIPLINE complete

ST spring-cage connection terminal blocks

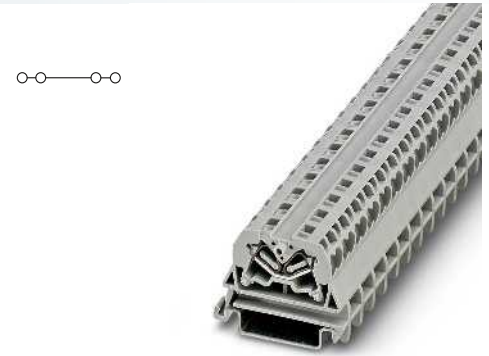
MS(D)BV 2,5 mini feed-through terminal blocks, for mounting on NS 35 DIN rails

- For mounting on NS 35 ... DIN rails
- Same advantages as the version for NS 15 ... DIN rails

Notes:
 1) The total current of all connected conductors must not exceed the max. load current.



2.5 (4) mm², 30 A, lateral conductor entry, feed-through terminal block



2.5 (4) mm², 30 A, lateral conductor entry, feed-through terminal block, 4 connections



Dimensions	
	[mm]
Max. electrical 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]
Two stranded conductors with a TWIN ferrule	[mm ²]
General data	
Stripping length	[mm]
Insulating material	
Inflammability class according to UL 94	

Technical data				
Width	Length	Height NS 35/7,5		
5.2	42.7	32		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG	
30	800	0.08 - 4	28 - 12	
IEC 60947-7-1				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
800	600	600	-	
24 / 2.5	20 / -	20 / -	-	
2.5	-	-	-	
28 - 12	28-12	28-12	-	
solid		stranded Ferrule		
		Without / with plastic sleeve		
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5	
		0.5		
8	PA	V0		

Technical data				
Width	Length	Height NS 35/7,5		
10.4	42.7	32		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG	
30 ¹⁾	800	0.08 - 4	28 - 12	
IEC 60947-7-1				
IEC	UL/CUL	CSA	IEC/EN 60079-7	
800	600	600	-	
24 ¹⁾ / 2.5	20 / -	20 / -	-	
2.5	-	-	-	
28 - 12	28-12	28-12	-	
solid		stranded Ferrule		
		Without / with plastic sleeve		
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5	
		0.5		
8	PA	V0		

Description		Color
Mini terminal block , with lateral conductor entry, for mounting on NS 35		gray
		blue
		orange
		yellow
Double miniature terminal block , with 4 equipotential terminal points, with lateral conductor entry, for direct mounting on NS 35		gray
		blue
		orange
		yellow

Ordering data			
Type	Order No.	Pcs. / Pkt.	
MSBV 2,5-NS 35	3249088	50	
MSBV 2,5-NS 35 BU	3249091	50	
MSBV 2,5-NS 35 OG	3073199	50	
MSBV 2,5-NS 35 YE	3073186	50	

Ordering data		
Type	Order No.	Pcs. / Pkt.
MSDBV 2,5-NS 35	3249211	50
MSDBV 2,5-NS 35 BU	3249224	50
MSDBV 2,5-NS 35 OG	3073212	50
MSDBV 2,5-NS 35 YE	3073209	50

Accessories	
Cover, width 4 mm	gray
Screwdriver	
Center groove labeling	

Accessories		
Order No.	Pcs. / Pkt.	
D-MSBV 2,5	3251018	50
SZF 1-0,6X3,5	1204517	10
UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)		

Accessories		
Order No.	Pcs. / Pkt.	
D-MSBV 2,5	3251018	50
SZF 1-0,6X3,5	1204517	10
UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)		

MS(D)BV 2,5 mini feed-through terminal blocks, for direct mounting with flange

– MS(D)BV 2,5-M middle terminal blocks can be mounted directly on a mounting plate in conjunction with the MS(D)BV 2,5-F flange terminal block and the D-MZBV 2,5-F flange end cover

Notes:
 1) The total current of all connected conductors must not exceed the max. load current.



2.5 (4) mm², 30 A, feed-through terminal block, for grouping



2.5 (4) mm², 30 A, feed-through terminal block, 4 connections, for grouping



Technical data				
Width	Length	Height		
5.2	32	22		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG	
30	800	0.08 - 4	28 - 12	
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	28 - 12	28-12	28-12	
Connection capacity				
1 conductor [mm ²]	0.08 - 4	0.08 - 2.5	0.14 - 2.5	
Two stranded conductors with a TWIN ferrule [mm ²]			0.5	
General data				
Stripping length [mm]	8			
Insulating material	PA			
Inflammability class according to UL 94	V0			

Technical data				
Width	Length	Height		
10.4	32	22		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG	
30 ¹⁾	800	0.08 - 4	28 - 12	
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 ¹⁾ / 2.5	20 / -	20 / -	
Rated cross section [mm ²]	2.5	-	-	
Cross section range AWG	28 - 12	28-12	28-12	
Connection capacity				
1 conductor [mm ²]	0.08 - 4	0.08 - 2.5	0.14 - 2.5	
Two stranded conductors with a TWIN ferrule [mm ²]			0.5	
General data				
Stripping length [mm]	8			
Insulating material	PA			
Inflammability class according to UL 94	V0			

Ordering data				
Description	Color	Type	Order No.	Pcs. / Pkt.
Mini middle terminal block, with lateral conductor entry, mounting in conjunction with flange and engagement pin versions	gray	MSBV 2,5-M	3249062	50
	blue	MSBV 2,5-M BU	3249075	50
	orange	MSBV 2,5-M OG	3073238	50
	yellow	MSBV 2,5-M YE	3073225	50
Mini flange terminal block, with lateral conductor entry, for direct mounting with screws	gray	MSBV 2,5-F	3249059	50
	blue	MSBV 2,5-F BU	3249046	50
Double miniature terminal block, middle terminal block, with 4 equipotential bonding terminal points, with lateral conductor entry, mounting in conjunction with flange and engagement pin variants	gray			
	blue			
	orange			
Double miniature terminal block, flange terminal block, with 4 equipotential bonding terminal points, with lateral conductor entry, for direct mounting with screws	gray			
	blue			
	orange			

Ordering data				
Description	Color	Type	Order No.	Pcs. / Pkt.
Mini middle terminal block, with lateral conductor entry, mounting in conjunction with flange and engagement pin versions	gray	MSBV 2,5-M	3249062	50
	blue	MSBV 2,5-M BU	3249075	50
	orange	MSBV 2,5-M OG	3073238	50
	yellow	MSBV 2,5-M YE	3073225	50
	gray	MSBV 2,5-F	3249059	50
Mini flange terminal block, with lateral conductor entry, for direct mounting with screws	blue	MSBV 2,5-F BU	3249046	50
	gray			
Double miniature terminal block, middle terminal block, with 4 equipotential bonding terminal points, with lateral conductor entry, mounting in conjunction with flange and engagement pin variants	gray			
	blue			
	orange			
	yellow			
	gray			
Double miniature terminal block, flange terminal block, with 4 equipotential bonding terminal points, with lateral conductor entry, for direct mounting with screws	gray			
	blue			
	orange			
	yellow			
	gray			

Accessories				
Description	Color	Order No.	Pcs. / Pkt.	
Cover, width 4 mm	gray	D-MSBV 2,5	3251018	50
Flange cover, for direct mounting with screws	gray	D-MSBV 2,5-F	3251021	50
Screwdriver		SZF 1-0,6X3,5	1204517	10
Center groove labeling		UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)		

Accessories				
Description	Color	Order No.	Pcs. / Pkt.	
Cover, width 4 mm	gray	D-MSBV 2,5	3251018	50
Flange cover, for direct mounting with screws	gray	D-MSBV 2,5-F	3251021	50
Screwdriver		SZF 1-0,6X3,5	1204517	10
Center groove labeling		UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)		