

UT... screw connection terminal blocks

The UT... screw connection terminal blocks from the CLIPLINE complete system satisfy the most stringent requirements and cover a wide area of application. They impress with their maintenance-free conductor connection and offer maximum flexibility with their multi-conductor connection. You can connect conductors with a nominal cross section either with or without ferrules. It is not necessary to tighten the terminal block screws, since they are prevented from loosening by the Reakdyn principle, a screw locking technique developed by Phoenix Contact. Very large conductor cross sections up to 240 mm² can also be wired gas-tight and with long-term stability thanks to the high contact forces.

Product range overview

2.5 mm²

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals	31
Disconnect and knife disconnect terminal blocks	33
Diode and LED terminal blocks	35
Installation terminal blocks	36
Mini feed-through terminal blocks and ground terminals	39

4 mm²

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals	41
Fuse terminal blocks and lever-type disconnect terminal blocks of the same shape	43
Disconnect and knife disconnect terminal blocks	45
Test disconnect terminal blocks	49
Diode terminal blocks	50
Installation terminal blocks	51
Mini feed-through terminal blocks and ground terminals	51

6 mm²

Feed-through terminal blocks and ground terminals	53
Fuse terminal blocks	53
Disconnect and knife disconnect terminal blocks	54
Test disconnect terminal blocks	56
Installation terminal blocks	58

10 mm²

Feed-through terminal blocks and ground terminals	61
Installation terminal blocks	61

16 mm²

Feed-through terminal blocks and ground terminals	63
Installation terminal blocks	63

35 mm²

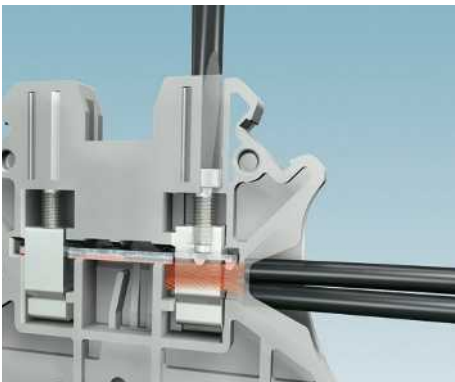
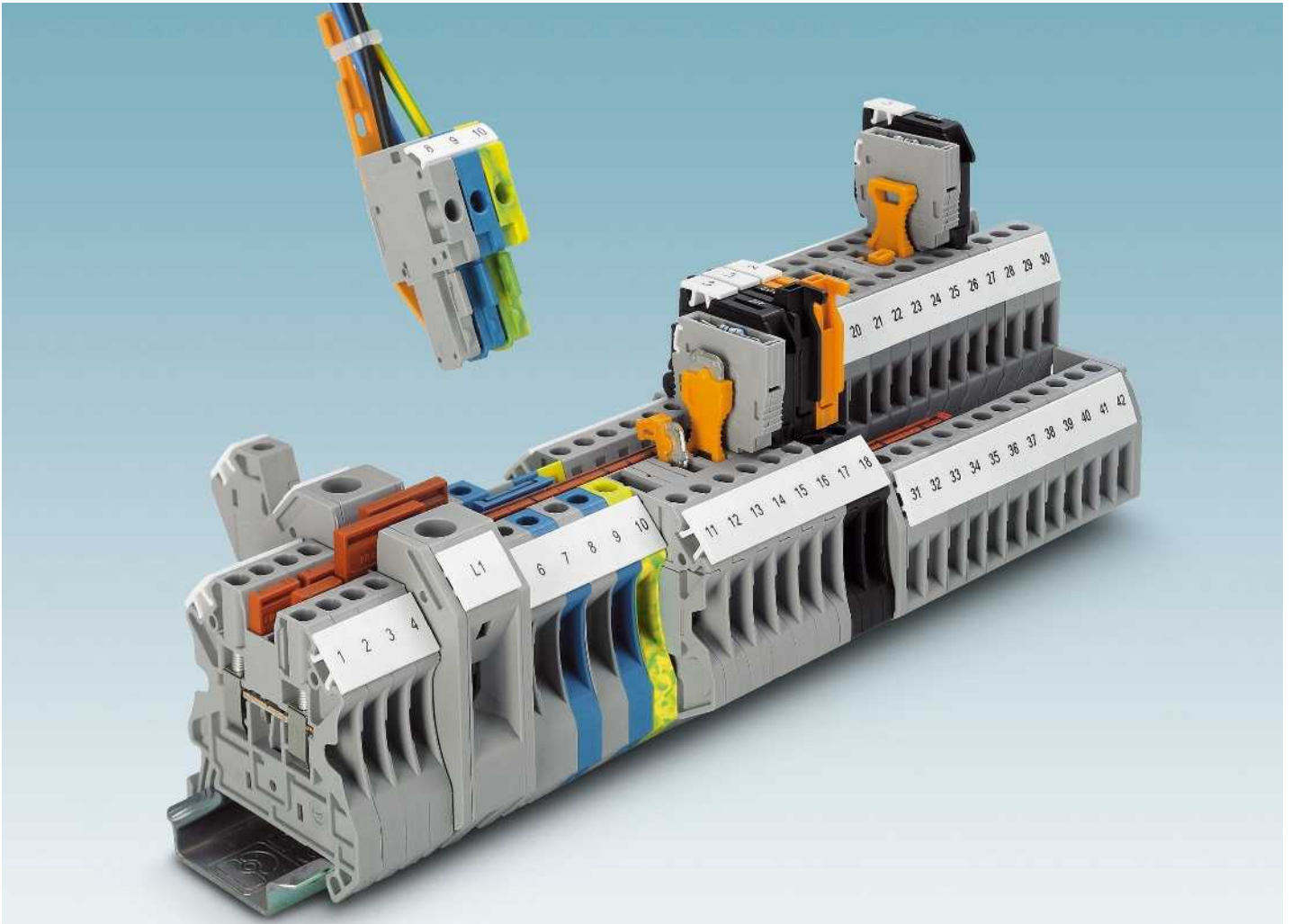
Feed-through terminal blocks and ground terminals	65
Installation terminal blocks	65

50 mm² - 240 mm²

High-current terminal blocks	67
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Terminal blocks - CLIPLINE complete

UT... screw connection terminal blocks



Universal and zero-maintenance

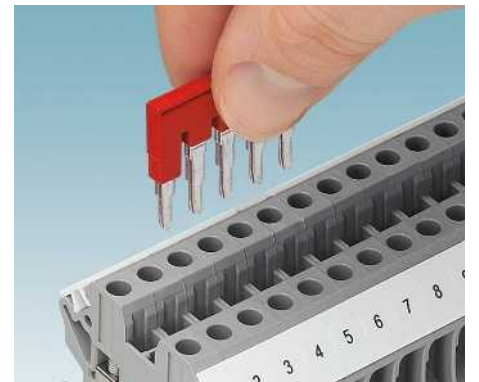
The screw connection is characterized by three main features.

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



Snap-on PE foot

Ground terminals of the same shape are simply snapped onto the DIN rail in order to make contact. This mechanically and electrically efficient contacting meets all the requirements of the IEC 60947-7-2 standard.

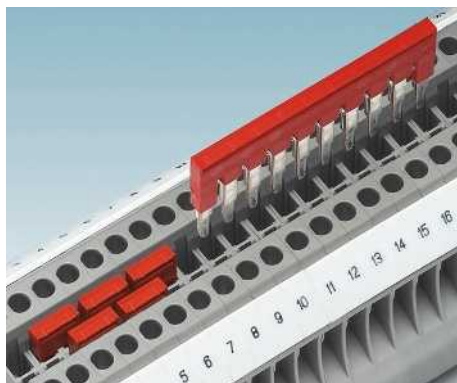


Flexible jumper system

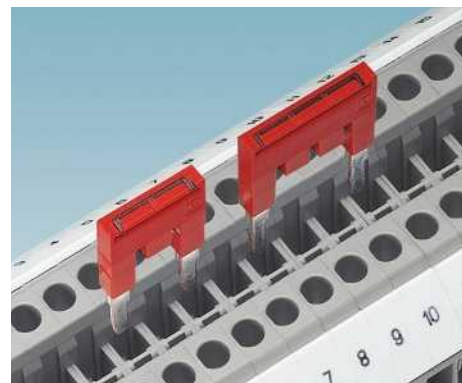
The potential distribution can be implemented at speed with the standardized jumpers. Using two bridge shafts in all terminal blocks makes flexible chain, level or jumping bridges possible.



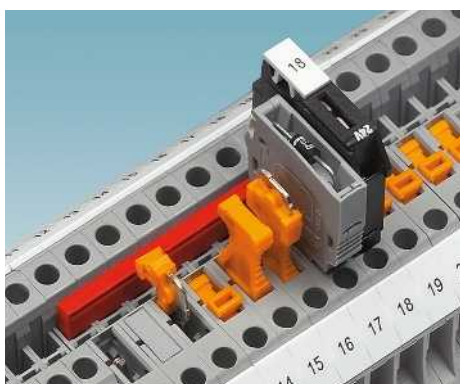
The reducing bridge enables terminal blocks with different nominal cross sections to be connected easily, e.g., a UT 10 terminal block to a UT 2,5. Power blocks can be created quickly using the reducing bridge.



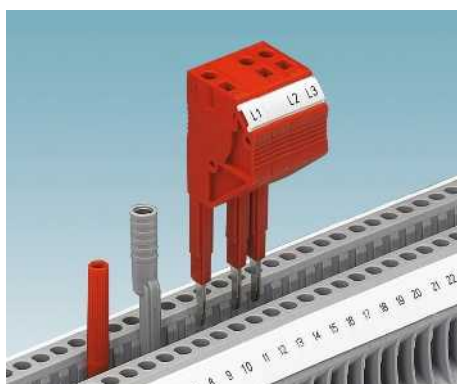
The double function shaft can be used to connect any number of terminal blocks with two-position bridges. The 2 to 50-pos. bridges allow up to 50 terminal blocks to be bridged in one step.



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 connector, 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.



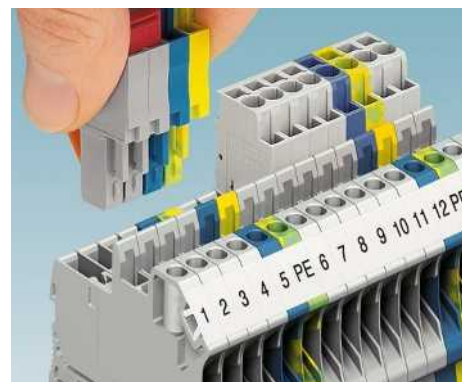
Large-surface and clear marking of the terminal points is essential for reliable and quick installation. Each terminal point in the UT... series can be marked separately.



Disconnect terminal blocks and feed-through terminal blocks UT 4-MTD are available in the same shape as the feed-through terminal blocks. All terminal blocks can be continuously bridged with one another with the double function shaft.



If fully wired, the level offset of the double-level terminal blocks allows the lower connection level to be accessed in full and provides a perfect view of the lower labeling markers and conductor entry funnel.

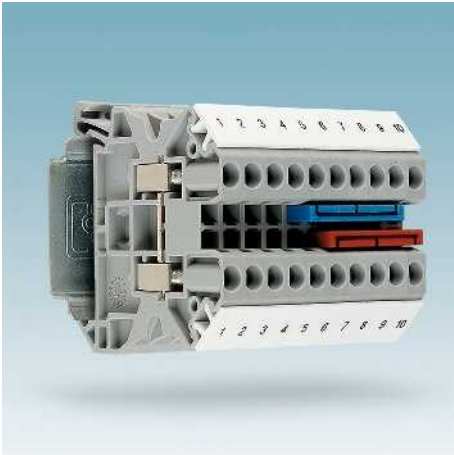


UT-COMBI terminal blocks are available for creating plug-in signal and power wiring. The system is touch proof and offers plugs for self-assembly with extensive accessories. See "COMBI" section, page 225.

Terminal blocks - CLIPLINE complete

UT... screw connection terminal blocks

UT... feed-through, multi-conductor, and multi-level terminal blocks



- Multi-level terminal blocks with PE pick-off and function level
- Signal processing and protection in a confined space, thanks to safety/disconnect lever and universal function zone
- Double bridge shaft enables individual potential distribution and supply
- Suitable for process technology, thanks to Ex nA approval
- Feed-through terminal blocks of the same shape available

i Your web code: #0056

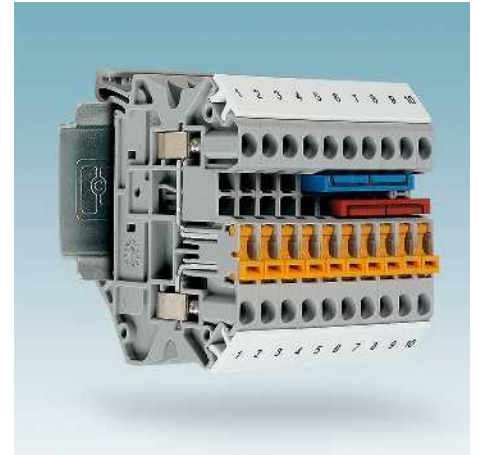
UT... multifunctional terminal blocks



- A wide range of products thanks to versions with PE function or LED display
- Optimum overview of signal connections thanks to a variety of marking options
- Modular expansion up to a maximum of 50 positions, as power terminals are the same shape
- Energy supplied or enhanced by power terminals

i Your web code: #0075

UT... function terminal blocks



- Convenient separation of circuits using lever-type disconnect knife, isolating plug or rotary contact
- User-friendly current measurement thanks to testing facility either side of the disconnect point
- Safe operation as the disconnect lever is locked in the end positions
- Clear identification of the disconnect point thanks to color highlighting
- Individual assembly with disconnect element, fuse plug, component connector, and feed-through connector

i Your web code: #0057

UTME... test disconnect terminal blocks

- Easy and safe operation thanks to clear indication of switching states
- Maximum functionality – up to six universal function shafts for potential distribution or for test purposes
- Modular expansion thanks to feed-through terminal blocks and ground terminals of the same shape
- Modular design of transformer circuits thanks to plug-in test disconnect terminal blocks
- Reliable protection of connected current transformers thanks to connector versions with an integrated, leading short-circuit contact

i Your web code: #0058

MUT... miniature terminal blocks

- Space saving thanks to compact design and mounting option on a 15 mm DIN rail
- Clear, as all terminal points are marked
- Easy potential distribution thanks to standardized jumpers
- Ideal for installation in small control boxes or terminal boxes, e.g., for motor connection

i Your web code: #0059

UTI... installation terminal blocks

- Space saving thanks to compact three-level distributor terminal blocks of the same shape for single- and multi-phase circuits
- Complete flexibility – all installation terminal blocks with different connection technologies can be combined
- Dielectric test without disconnecting the neutral conductor – thanks to the disconnect slide
- Protection against unintentional actuation since the disconnect slide can be snapped into the limit positions
- Easy terminal block mounting without removing the neutral busbar

i Your web code: #0060

Terminal blocks - CLIPLINE complete

2.5 mm² UT... screw connection terminal blocks

General technical data for 2.5 mm² UT... screw connection terminal blocks

Rated data		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm ²]	2.5			
Cross section range	AWG	26 - 12			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm ²]	0.14 - 4	0.14 - 4	0.14 - 2.5	0.14 - 2.5
2 conductors (of the same type)	[mm ²]	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5	-
2 stranded conductors with a TWIN ferrule	[mm ²]	-	-	-	0.5 - 1.5
General data					
Stripping length	[mm]	9			
Screw thread		M3			
Tightening torque	[Nm]	0.5 - 0.6			
Insulating material		PA			
Inflammability class according to UL 94		VO			
Note: additional or deviating data is documented for the product.					

Notes:

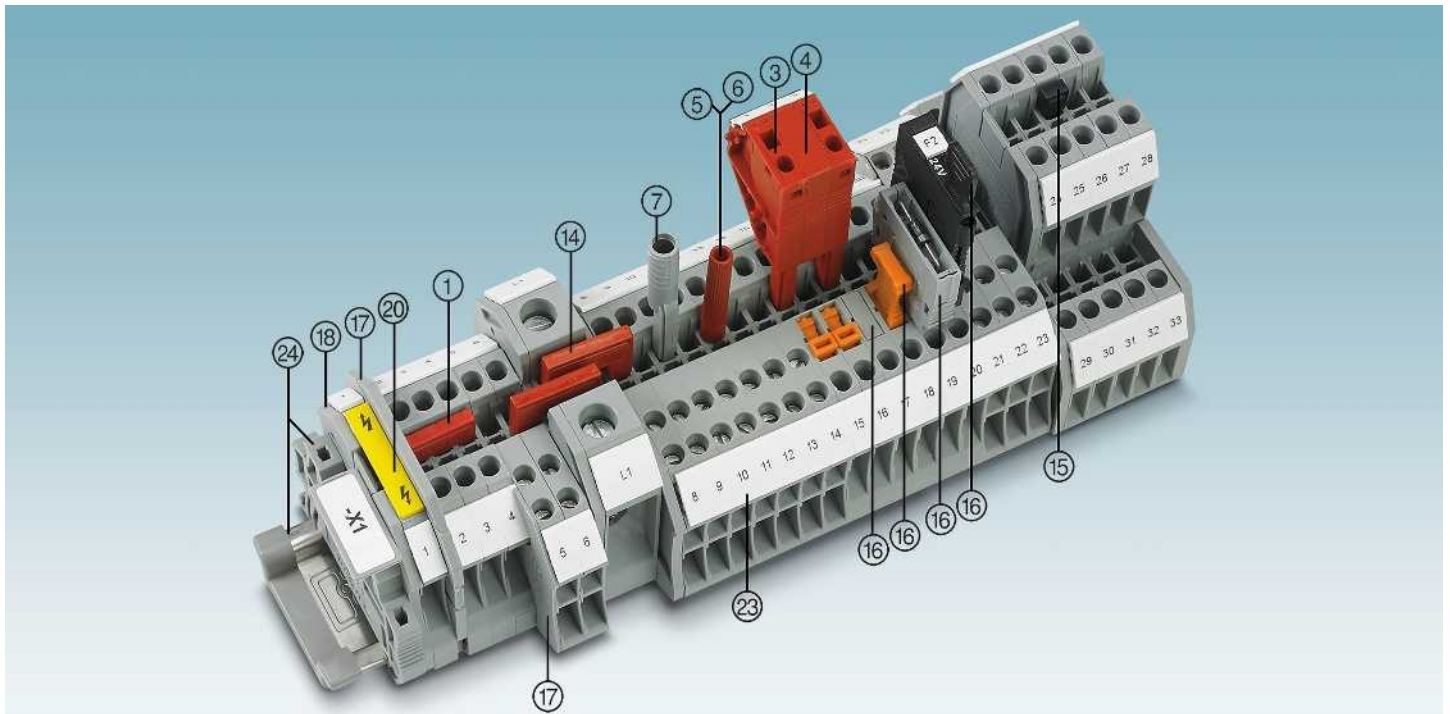


In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

¹⁾ The bridge current is documented for the respective product. For additional colors, see page 340.

System accessories for 2.5 mm² UT... screw connection terminal blocks



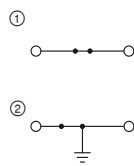
Description	Number of positions	Color	Type	Order No.	Pcs. / Pkt.	Type	Order No.	Pcs. / Pkt.
① Jumper ¹⁾	2	red	FBS 2-5	3030161	50	FBSR 2-5	3033702	50
	3	red	FBS 3-5	3030174	50	FBSR 3-5	3001591	50
	4	red	FBS 4-5	3030187	50	FBSR 4-5	3001592	50
	5	red	FBS 5-5	3030190	50	FBSR 5-5	3001593	50
	10	red	FBS 10-5	3030213	10	FBSR 10-5	3033710	10
	20	red	FBS 20-5	3030226	10			
③ Modular test plug		red	PS-5	3030983	10			
④ Spacer plate		red	DP PS-5	3036725	10			
⑤ Test plug metal part		silver	MPS-MT	0201744	10			
⑥ Insulating sleeve, for MPS metal part		red	MPS-IH RD	0201676	10			
⑦ Test adapter, 4 mm socket hole		gray	PAI-4-N GY	3032871	10			
Screwdriver			SF-SL 0,6X3,5-100 S-VDE	1212587	10			

⑭ Reducing bridge	For RB ..., see page 344.
⑮ Vertical potential bridge	For FBS-PV ..., see page 341.
⑯ Fuse and function plugs for disconnect terminal blocks	For P-FU ... / P-DI / P-FIX / P-CO ..., see page 349 onwards.
⑰ Partition plates/end cover segments	For ATP-... / DS-..., visit phoenixcontact.net/products
⑱ Cover	Documented for the product.
⑳ Warning labels	For WS ..., see page 353.
㉑ Lateral groove marking	UC-TM 5, UCT-TM 5 or ZB 5. See also Catalog 5, selection tables from page 100.
㉒ DIN rails and end brackets	See Catalog 5.
For full accessories, visit phoenixcontact.net/products	Note: additional or deviating accessories are documented for the product.

2.5 mm² UT... screw connection terminal blocks

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

Notes:
 1) For additional accessories and technical data, see page 30.
 For information on installation and using accessories for Ex applications, see page 602.



32 A, feed-through terminal block and ground terminal



Ex:
 KEMA 04ATEX2048 U / IECEx KEM 06.0027U

Technical data¹⁾

Width	Length	Height		
5.2	47.7	47.5 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
32	1000	0.14 - 4	26-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
1000	600	600	690	
Nominal current / cross section [A] / [mm ²]		24 / 2.5	20 / -	22 / 2.5

Ordering data

Type	Order No.	Pcs. / Pkt.
UT 2,5	① 3044076	50
UT 2,5 BU	① 3044089	50
UT 2,5-PE	② 3044092	50

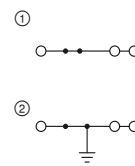
Accessories¹⁾

D-UT 2,5/10	Order No.	Pcs. / Pkt.
	3047028	50

Dimensions	[mm]
Max. electrical data	
Max. bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]

Description	Color
Terminal block	gray blue
Ground terminal	green-yellow

Cover, width 2.2 mm	Color
	gray



30 A, feed-through terminal block and ground terminal, 3 connections



Ex:
 KEMA 06ATEX0017 U / IECEx KEM 06.0013U

Technical data¹⁾

Width	Length	Height		
5.2	57.8	47.5 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
30	500	0.14 - 4	26-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	150	150	352	
Nominal current / cross section [A] / [mm ²]		24 / 2.5	20 / -	21 / 2.5

Ordering data

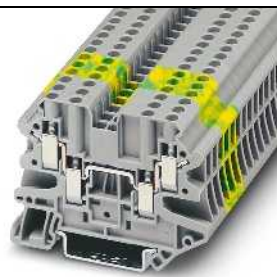
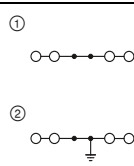
Type	Order No.	Pcs. / Pkt.
UT 2,5-TWIN	① 3044513	50
UT 2,5-TWIN BU	① 3044526	50
UT 2,5-TWIN-PE	② 3044539	50

Accessories¹⁾

D-UT 2,5/4-TWIN	Order No.	Pcs. / Pkt.
	3047141	50

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

Notes:
 1) For additional accessories and technical data, see page 30.
 For information on installation and using accessories for Ex applications, see page 602.



30 A, feed-through terminal block and ground terminal, 4 connections



Ex:
 KEMA 06ATEX0017 U / IECEx KEM 06.0013U

Technical data¹⁾

Width	Length	Height		
5.2	65.4	47.5 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
30	500	0.14 - 4	26-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	150	150	352	
Nominal current / cross section [A] / [mm ²]		24 / 2.5	20 / -	21 / 2.5

Ordering data

Type	Order No.	Pcs. / Pkt.
UT 2,5-QUATTRO	① 3044542	50
UT 2,5-QUATTRO BU	① 3044555	50
UT 2,5-QUATTRO-PE	② 3044568	50

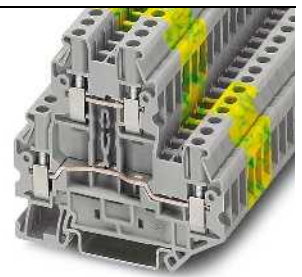
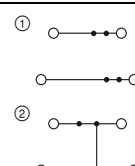
Accessories¹⁾

D-UT 2,5/4-QUATTRO	Order No.	Pcs. / Pkt.
	3047170	50

Dimensions	[mm]
Max. electrical data	
Max. bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]

Description	Color
Terminal block	gray blue
With potential distribution	gray
Ground terminal	green-yellow

Cover, width 2.2 mm	Color
	gray
Spacer plate	gray



28 A, double-level terminal block and ground terminal



Ex:
 KEMA 06ATEX0017 U / IECEx KEM 06.0013U

Technical data¹⁾

Width	Length	Height		
5.2	69.9	65 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
28	500	0.14 - 4	26-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	600	600	352	
Nominal current / cross section [A] / [mm ²]		24 / 2.5	20 / -	20 / 2.5

Ordering data

Type	Order No.	Pcs. / Pkt.
UTTB 2,5	① 3044636	50
UTTB 2,5 BU	① 3044649	50
UTTB 2,5-PV	② 3044652	50
UTTB 2,5-PE	③ 3044665	50

Accessories¹⁾

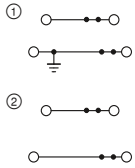
D-UTTB 2,5/4	Order No.	Pcs. / Pkt.
	3047293	50
DP-UTTB 2,5/4	Order No.	Pcs. / Pkt.
	3047303	50

Terminal blocks - CLIPLINE complete

2.5 mm² UT... screw connection terminal blocks

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

Notes:
 1) For additional accessories and technical data, see page 30.



28 A, double-level terminal block with PE foot



Technical data ¹⁾				
Width	Length	Height		
5.2	69.9	65 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
28	500	0.14 - 4	26-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	600	600	-	
24 / 2.5				

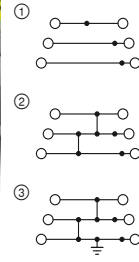
Ordering data			
Type	Order No.	Pcs. / Pkt.	
UTTB 2,5-PE/L	① 3044678	50	
UTTB 2,5-PE/N	① 3046731	50	
UTTB 2,5-L/N	② 3044681	50	

Accessories ¹⁾			
Type	Order No.	Pcs. / Pkt.	
D-UTTB 2,5/4	3047293	50	
DP-UTTB 2,5/4	3047303	50	

Dimensions	
	[mm]
Max. electrical data	
Max. bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]

Description	Color
Terminal block	gray
upper level blue	gray
upper level blue	gray
With potential distribution	gray
Ground terminal	green/yellow

Cover, width 2.2 mm	gray
Spacer plate	gray



24 A, three-level terminal block and ground terminal



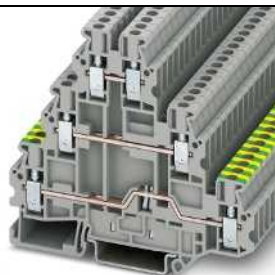
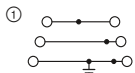
Technical data ¹⁾				
Width	Length	Height		
5.2	90	77.5 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
24	500	0.14 - 4	26-12	
19 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	600	600	-	
19 / 2.5				

Ordering data			
Type	Order No.	Pcs. / Pkt.	
UT 2,5-3L	① 3214259	50	
UT 2,5-3PV	② 3214262	50	
UT 2,5-3PE	③ 3214275	50	

Accessories ¹⁾			
Type	Order No.	Pcs. / Pkt.	
D-UT 2,5-3L	3214314	50	

Multi-level terminal blocks

Notes:
 1) For additional accessories and technical data, see page 30.



24 A, three-level terminal block with PE foot



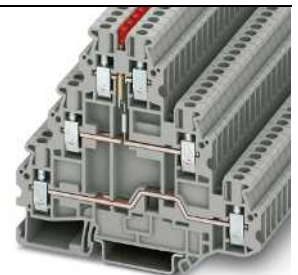
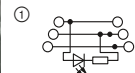
Technical data ¹⁾				
Width	Length	Height		
5.2	90	77.5 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
24	500	0.14 - 4	26-12	
19 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	600	600	-	
19 / 2.5				

Ordering data			
Type	Order No.	Pcs. / Pkt.	
UT 2,5-PE/L/L	① 3214301	50	
UT 2,5-PE/L/N	① 3214291	50	

Accessories ¹⁾			
Type	Order No.	Pcs. / Pkt.	
D-UT 2,5-3L	3214314	50	

Description	Color
Terminal block	gray
upper level blue	gray
Terminal block, with LED for 12 - 30 V DC, 0.7 - 2.4 mA	gray

Cover, width 2.2 mm	gray
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24 A, three-level terminal block with LED display



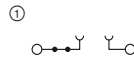
Technical data ¹⁾				
Width	Length	Height		
5.2	90	77.5 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
24	500	0.14 - 4	26-12	
19 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	600	24	-	
19 / 2.5				

Ordering data			
Type	Order No.	Pcs. / Pkt.	
UT 2,5-3L-LA24RD/O-M	① 3214288	50	

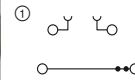
Accessories ¹⁾			
Type	Order No.	Pcs. / Pkt.	
D-UT 2,5-3L	3214314	50	

Disconnect and knife disconnect terminal blocks

Notes:
 1) For additional accessories and technical data, see page 30.
 2) Current and voltage are determined by the plug used.



20 A, disconnect terminal block



20 A, double-level terminal block with disconnect zone



Dimensions	[mm]
Max. electrical data	
Max. bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Nominal current / cross section	[A] / [mm ²]

Technical data ¹⁾				
Width	Length	Height		
5.2	57.8	47.5 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
20 ²⁾	400 ²⁾	0.14 - 4	26-12	
20 (FBS) / 17.5 (FBBSR)				
IEC	UL / CUL	CSA	Ex	
400 ²⁾	300	300	-	
20 ²⁾ / 2.5	20 / -	16 / -	-	

Technical data ¹⁾				
Width	Length	Height		
5.2	69.9	65 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
20	400	0.14 - 4	26-12	
24 (FBS) / 17.5 (FBBSR)				
IEC	UL / CUL	CSA	Ex	
400	300	-	-	
20 / 2.5	16	-	-	
16 ²⁾ / 2.5 (disconnect level)				

Description	Color
Disconnect terminal block	gray blue
With test socket screws	gray blue

Ordering data			
Type	Order No.	Pcs. / Pkt.	
UT 2,5-TG	3046388	50	
UT 2,5-TG BU	3046579	50	
UT 2,5-TG-P/P	3046391	50	
UT 2,5-TG-P/P BU	3046582	50	

Ordering data			
Type	Order No.	Pcs. / Pkt.	
UTTB 2,5-TG-P/P	3044644	50	

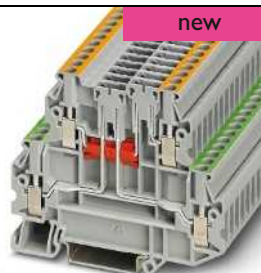
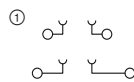
Cover, width 2.2 mm	gray
Spacer plate	gray

Accessories ¹⁾		
Type	Order No.	Pcs. / Pkt.
D-UT 2,5/4-TWIN	3047141	50

Accessories ¹⁾		
Type	Order No.	Pcs. / Pkt.
D-UTTB 2,5/4	3047293	50
DP-UTTB 2,5/4	3047303	50

Disconnect and knife disconnect terminal blocks

Notes:
 1) For additional accessories and technical data, see page 30.



16 A, double-level terminal block with two disconnect zones



Dimensions	[mm]
Max. electrical data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]

Technical data ¹⁾				
Width	Length	Height		
5.2	80.1	58.1 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
16	400	0.14 - 4	26-12	
IEC	UL / CUL	CSA	Ex	
400	300	-	-	
16 / 2.5	16	-	-	

Description	Color
Terminal block	gray

Ordering data			
Type	Order No.	Pcs. / Pkt.	
UTT 2,5-2TG-P/P	3044674	50	

Cover, width 2.2 mm	gray
Spacer plate, compensates for level offsets, width 2.5 mm	gray

Accessories ¹⁾			
Type	Order No.	Pcs. / Pkt.	
D-UTT 2,5/4	3044676	50	
DP-UTT 2,5/4	3044677	50	

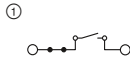
Terminal blocks - CLIPLINE complete

2.5 mm² UT... screw connection terminal blocks

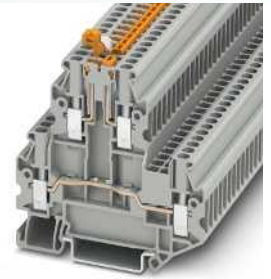
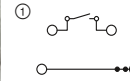
Disconnect and knife disconnect terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 30.



20 A, knife disconnect terminal block



24 A, double-level terminal block with disconnect knife



Technical data ¹⁾			
Width	Length	Height	
5.2	57.8	49.1 (NS 35/7,5)	
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
20	400	0.14 - 4	26-12
20 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
400	300	300	-
Nominal current / cross section [A] / [mm ²]		20 / 2.5	
-		16 / -	

Ordering data			
Type	Order No.	Pcs. / Pkt.	
UT 2,5-MT	3046362	50	
UT 2,5-MT BU	3046553	50	
UT 2,5-MT-P/P	3046375	50	
UT 2,5-MT P/P BU	3046566	50	

Accessories ¹⁾			
Type	Order No.	Pcs. / Pkt.	
D-UT 2,5/4-TWIN	3047141	50	



Technical data ¹⁾			
Width	Length	Height	
5.2	69.9	65 (NS 35/7,5)	
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
24	400	0.14 - 4	26-12
24 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
400	300	-	-
Nominal current / cross section [A] / [mm ²]		22 / 2.5	
-		16 / 2.5 (disconnect level)	

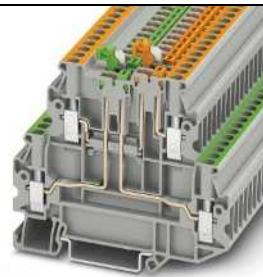
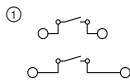
Ordering data			
Type	Order No.	Pcs. / Pkt.	
UTTB 2,5-MT-P/P	3044640	50	
UTTB 2,5-MT-P/P BU	3044641	50	

Accessories ¹⁾			
Type	Order No.	Pcs. / Pkt.	
D-UTTB 2,5/4	3047293	50	
DP-UTTB 2,5/4	3047303	50	

Disconnect and knife disconnect terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 30.



16 A, double-level terminal block with a disconnect knife per level, test socket screw



Technical data ¹⁾			
Width	Length	Height	
5.2	80.1	65 (NS 35/7,5)	
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
16	400	0.14 - 4	26-12
16 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
400	300	-	-
Nominal current / cross section [A] / [mm ²]		16 / 2.5	
-		16 / -	

Ordering data			
Type	Order No.	Pcs. / Pkt.	
UTT 2,5-2MT-P/P	3044670	50	
UTT 2,5-2MT-P/P BU	3044671	50	

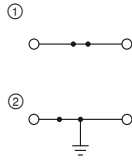
Accessories ¹⁾			
Type	Order No.	Pcs. / Pkt.	
D-UTT 2,5/4	3044676	50	
DP-UTT 2,5/4	3044677	50	

Description	Color
Knife disconnect terminal block	gray
	blue
Cover, width 2.2 mm	gray
Spacer plate, compensates for level offsets, width 2.5 mm	gray

Diode and LED terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 30.



32 A, feed-through terminal block and ground terminal, same shape



Technical data¹⁾

Width	Length	Height		
5.2	57.8	47.5 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
32	800	0.14 - 4	26-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	600	600	-	
Nominal current / cross section [A] / [mm ²]				
24 / 2.5		20 / -		

Ordering data

Type	Order No.	Pcs. / Pkt.
UT 2,5-MTD	① 3064085	50
UT 2,5-MTD BU	① 3064108	50
UT 2,5-MTD P/P	① 3064098	50
UT 2,5-MTD P/P BU	① 3064111	50
UT 2,5-MTD-PE	② 3064124	50

Accessories¹⁾

D-UT 2,5/4-TWIN	Order No.	Pcs. / Pkt.
D-UT 2,5/4-TWIN	3047141	50

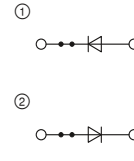
Dimensions	[mm]
Width	5.2
Length	57.8
Height	47.5 (NS 35/7,5)

Max. electrical data	[A]
Max. bridge current	32
Rated data	24 (FBS) / 17.5 (FBSR)
Rated voltage	800
Nominal current / cross section	24 / 2.5

Description	Color
Terminal block	gray
With test socket screws	gray
Ground terminal Terminal block, for conducting direction see circuit diagram	green-yellow
	gray
	gray

Description	Color
Terminal block	gray
With test socket screws	gray
Ground terminal Terminal block, for conducting direction see circuit diagram	green-yellow
	gray
	gray

Cover, width 2.2 mm	Color
Cover, width 2.2 mm	gray



0.5 A, diode terminal block, 1N 4007 (1300 V/0.5 A)



Technical data¹⁾

Width	Length	Height		
5.2	57.8	47.5 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
0.5	800	0.14 - 4	26-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	600	600	-	
Nominal current / cross section [A] / [mm ²]				
0.5 / 1		0.5 / -		

Ordering data

Type	Order No.	Pcs. / Pkt.
UT 2,5-MTD-DIO/R-L	① 3064140	50
UT 2,5-MTD-DIO/L-R	② 3064137	50

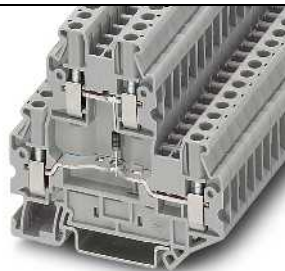
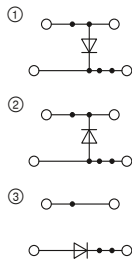
Accessories¹⁾

D-UT 2,5/4-TWIN	Order No.	Pcs. / Pkt.
D-UT 2,5/4-TWIN	3047141	50

Diode and LED terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 30.



28 A, double-level diode terminal block, 1N 4007 (1300 V/0.5 A)



Technical data¹⁾

Width	Length	Height		
5.2	69.9	65 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
28	500	0.14 - 4	26-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	600	300	-	
Nominal current / cross section [A] / [mm ²]				
24 / 2.5		20 / -		

Ordering data

Type	Order No.	Pcs. / Pkt.
UTTB 2,5-DIO/O-U	① 3046650	50
UTTB 2,5-DIO/U-O	② 3046663	50
UTTB 2,5-DIO/UL-UR	③ 3046728	50

Accessories¹⁾

D-UTTB 2,5/4	Order No.	Pcs. / Pkt.
D-UTTB 2,5/4	3047293	50
DP-UTTB 2,5/4	3047303	50

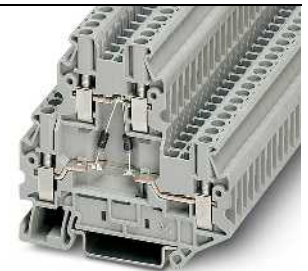
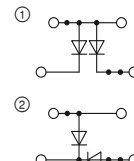
Dimensions	[mm]
Width	5.2
Length	69.9
Height	65 (NS 35/7,5)

Max. electrical data	[A]
Max. bridge current	28
Rated data	24 (FBS) / 17.5 (FBSR)
Rated voltage	500
Nominal current / cross section	24 / 2.5

Description	Color
Terminal block, for conducting direction see circuit diagram	gray
	gray
	gray
	gray
	gray

Description	Color
Terminal block, for conducting direction see circuit diagram	gray
	gray
	gray
	gray
	gray

Cover, width 2.2 mm	Color
Cover, width 2.2 mm	gray
Spacer plate	gray



28 A, double-level terminal block with two 1N 4007 diodes (1300 V/0.5 A)



Technical data¹⁾

Width	Length	Height		
5.2	69.9	65 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
28	500	0.14 - 4	26-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	600	300	-	
Nominal current / cross section [A] / [mm ²]				
24 / 2.5		20 / -		

Ordering data

Type	Order No.	Pcs. / Pkt.
UTTB 2,5-2DIO/O-UL/O-UR	① 3046689	50
UTTB 2,5-2DIO/O-UL/UR-UL	② 3046676	50

Accessories¹⁾

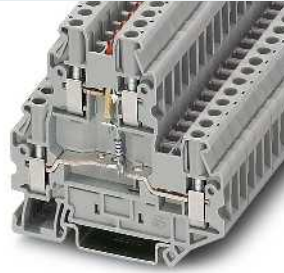
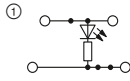
D-UTTB 2,5/4	Order No.	Pcs. / Pkt.
D-UTTB 2,5/4	3047293	50
DP-UTTB 2,5/4	3047303	50

Terminal blocks - CLIPLINE complete

2.5 mm² UT... screw connection terminal blocks

Diode and LED terminal blocks

Notes:
 1) For additional accessories and technical data, see page 30.
 2) The voltage is determined by the light indicator version selected.



28 A, double-level terminal block with LED display



Technical data ¹⁾				
Width	Length	Height		
5.2	69.9	65 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
28	24 ²⁾	0.14 - 4	26-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
24 ²⁾	600	24	-	
24 / 2.5				
	20 / -	20 / -		

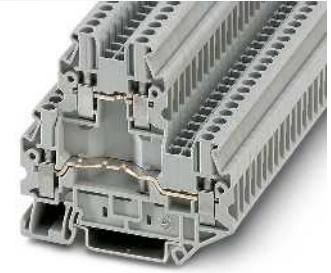
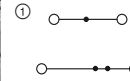
Ordering data			
Type	Order No.	Pcs. / Pkt.	
UTTB 2,5-LA 24 RD	3046692	50	
UTTB 2,5-LA 60 RD	3046702	50	
UTTB 2,5-LA 230	3046715	50	

Accessories ¹⁾			
Type	Order No.	Pcs. / Pkt.	
D-UTTB 2,5/4	3047293	50	
DP-UTTB 2,5/4	3047303	50	

Dimensions	[mm]
Max. electrical data	
Max. bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]

Description	Color
Terminal block, with LED for 12 - 30 V DC, 0.7 - 2.4 mA	gray
for 30 - 60 V DC, 0.8 - 1.8 mA	gray
for 110 - 250 V AC/DC, 0.1 - 0.5 mA	gray
Terminal block, component can be soldered in	gray

Cover, width 2.2 mm	gray
Spacer plate	gray



28 A, double-level terminal block for soldering in components



Technical data ¹⁾				
Width	Length	Height		
5.2	69.9	65 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
28	500	0.14 - 4	26-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	600	600	-	
24 / 2.5				
	20 / -	20 / -		

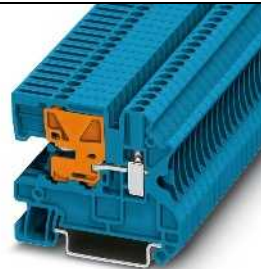
Ordering data			
Type	Order No.	Pcs. / Pkt.	
UTTB 2,5-BE	3046744	50	

Accessories ¹⁾			
Type	Order No.	Pcs. / Pkt.	
D-UTTB 2,5/4	3047293	50	
DP-UTTB 2,5/4	3047303	50	

Installation terminal blocks

Notes:
 1) For additional accessories and technical data, see page 30.
 2) 3-pos. termination block.

Assembly instruction:
 In order to securely fix the neutral busbar in place, support brackets must be placed at the beginning and end of each terminal strip as well as every 20 cm on longer terminal strips. The corresponding support brackets can be found at phoenixcontact.net/products



24 A, neutral disconnect terminal block



Technical data ¹⁾				
Width	Length	Height		
5.2	55	47.5 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
24	250	0.14 - 4	-	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
250	-	-	-	
24 / 2.5				
	-	-		
Connection capacity				
	solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	0.14 - 4	0.14 - 4	0.14 - 2.5 0.14 - 2.5	
2 conductors (of the same type)	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5 -	

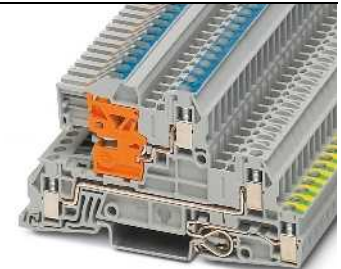
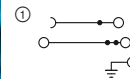
Ordering data			
Type	Order No.	Pcs. / Pkt.	
UTN 2,5	3245011	50	

Accessories ¹⁾			
Type	Order No.	Pcs. / Pkt.	
D-UTN 2,5/10	3245079	50	

Dimensions	[mm]
Max. electrical data	
Max. bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Rated cross section	[mm ²]
Cross section range	AWG
Connection capacity	
1 conductor	[mm ²]
2 conductors (of the same type)	[mm ²]

Description	Color
Terminal block	blue gray

Cover, width 2.2 mm	blue
---------------------	------



4 (4) mm², 30 A, three-level terminal block, 1 x L phase conductor, 1 x N conductor can be disconnected, 1 x PE



Technical data ¹⁾				
Width	Length	Height		
5.2	93.5	51.5 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
30 ²⁾	400	0.2 - 4	26-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
400	300	-	-	
24 / 4				
	20	-		
4				
24 - 12				
	-	-		
Connection capacity				
	solid	stranded	Ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 4	0.25 - 2.5	0.25 - 2.5	
0.2 - 1.5	0.2 - 1.5	0.25 - 0.75	-	

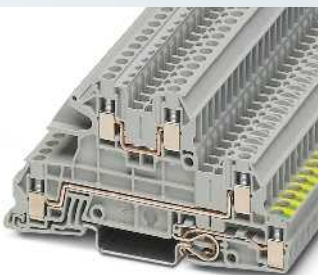
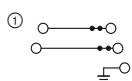
Ordering data			
Type	Order No.	Pcs. / Pkt.	
UTI 2,5-PE/L/NT	3076028	50	

Accessories ¹⁾			
Type	Order No.	Pcs. / Pkt.	
D-UTI/3	3076036	50	

Installation terminal blocks

Notes:
 1) For additional accessories and technical data, see page 30.
 2) 3-pos. termination block.

Assembly instruction:
 In order to securely fix the neutral busbar in place, support brackets must be placed at the beginning and end of each terminal strip as well as every 20 cm on longer terminal strips. The corresponding support brackets can be found at phoenixcontact.net/products



4 (4) mm², 30 A, three-level terminal block,
2 x L phase conductor, 1 x PE

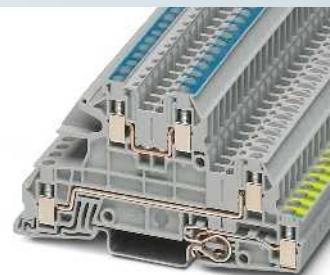


Technical data ¹⁾				
Width	Length	Height		
5.2	93.5	51.5 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
30 ²⁾	400	0.2 - 4	26-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
400	300	-	-	
Nominal current / cross section [A] / [mm ²]				
24 / 4	20	-	-	
Rated cross section [mm ²]				
4	-	-	-	
Cross section range AWG				
24 - 12	-	-	-	
Connection capacity		Ferrule without/with plastic sleeve		
solid	stranded	without/with plastic sleeve		
0.2 - 4	0.2 - 4	0.25 - 2.5	0.25 - 2.5	
0.2 - 1.5	0.2 - 1.5	0.25 - 0.75	-	

Ordering data			
Type	Order No.	Pcs. / Pkt.	
UTI 2,5-PE/L/L	3076029	50	

Accessories ¹⁾			
D-UTI/3	Order No.	Pcs. / Pkt.	
D-UTI/3	3076036	50	

Dimensions		
Width		[mm]
Max. electrical data		
Max. bridge current		[A]
Rated data		
Rated voltage		[V]
Nominal current / cross section		[A] / [mm ²]
Rated cross section		[mm ²]
Cross section range		AWG
Connection capacity		
1 conductor		[mm ²]
2 conductors (of the same type)		[mm ²]
Description	Color	
Terminal block	gray	
Cover, width 2.2 mm	gray	



4 (4) mm², 30 A, three-level terminal block,
1 x L phase conductor, 1 x N conductor, 1 x PE



Technical data ¹⁾				
Width	Length	Height		
5.2	93.5	51.5 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
30	400	0.2 - 4	26-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
400	300	-	-	
Nominal current / cross section [A] / [mm ²]				
24 / 4	20	-	-	
Rated cross section [mm ²]				
4	-	-	-	
Cross section range AWG				
24 - 12	-	-	-	
Connection capacity		Ferrule without/with plastic sleeve		
solid	stranded	without/with plastic sleeve		
0.2 - 4	0.2 - 4	0.25 - 2.5	0.25 - 2.5	
0.2 - 1.5	0.2 - 1.5	0.25 - 0.75	-	

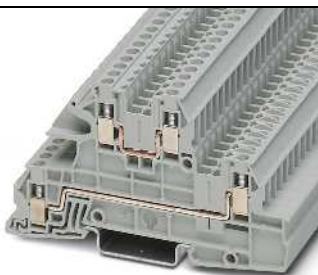
Ordering data			
Type	Order No.	Pcs. / Pkt.	
UTI 2,5-PE/L/N	3076030	50	

Accessories ¹⁾			
D-UTI/3	Order No.	Pcs. / Pkt.	
D-UTI/3	3076036	50	

Installation terminal blocks

Notes:
 1) For additional accessories and technical data, see page 30.
 2) 3-pos. termination block.

Assembly instruction:
 In order to securely fix the neutral busbar in place, support brackets must be placed at the beginning and end of each terminal strip as well as every 20 cm on longer terminal strips. The corresponding support brackets can be found at phoenixcontact.net/products



4 (4) mm², 30 A, three-level terminal block,
2 x L phase conductor

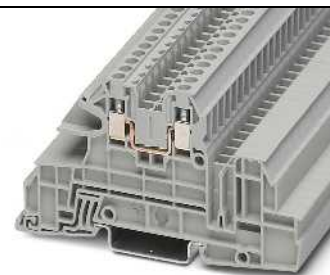
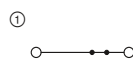


Technical data ¹⁾				
Width	Length	Height		
5.2	93.5	51.5 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
30 ²⁾	400	0.2 - 4	26-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
400	300	300	-	
Nominal current / cross section [A] / [mm ²]				
24 / 4	20 / -	20 / -	-	
Rated cross section [mm ²]				
4	-	-	-	
Cross section range AWG				
24 - 12	-	-	-	
Connection capacity		Ferrule without/with plastic sleeve		
solid	stranded	without/with plastic sleeve		
0.2 - 4	0.2 - 4	0.25 - 2.5	0.25 - 2.5	
0.2 - 1.5	0.2 - 1.5	0.25 - 0.75	-	

Ordering data			
Type	Order No.	Pcs. / Pkt.	
UTI 2,5-L/L	3076031	50	
UTI 2,5-L/N	3076035	50	

Accessories ¹⁾			
D-UTI/3	Order No.	Pcs. / Pkt.	
D-UTI/3	3076036	50	

Dimensions		
Width		[mm]
Max. electrical data		
Max. bridge current		[A]
Rated data		
Rated voltage		[V]
Nominal current / cross section		[A] / [mm ²]
Rated cross section		[mm ²]
Cross section range		AWG
Connection capacity		
1 conductor		[mm ²]
2 conductors (of the same type)		[mm ²]
Description	Color	
Terminal block	gray	
upper level blue	gray	
Cover, width 2.2 mm	gray	



4 (4) mm², 30 A, three-level terminal block,
1 x L phase conductor



Technical data ¹⁾				
Width	Length	Height		
5.2	93.5	51.5 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
30 ²⁾	400	0.2 - 4	26-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
400	300	300	-	
Nominal current / cross section [A] / [mm ²]				
24 / 4	20 / -	20	-	
Rated cross section [mm ²]				
4	-	-	-	
Cross section range AWG				
24 - 12	-	-	-	
Connection capacity		Ferrule without/with plastic sleeve		
solid	stranded	without/with plastic sleeve		
0.2 - 4	0.2 - 4	0.25 - 2.5	0.25 - 2.5	
0.2 - 1.5	0.2 - 1.5	0.25 - 0.75	-	

Ordering data			
Type	Order No.	Pcs. / Pkt.	
UTI 2,5-L	3076034	50	

Accessories ¹⁾			
D-UTI/3	Order No.	Pcs. / Pkt.	
D-UTI/3	3076036	50	

Terminal blocks - CLIPLINE complete

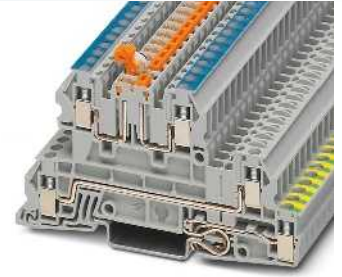
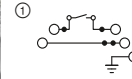
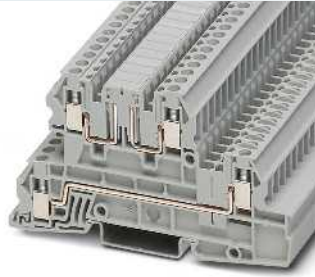
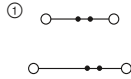
2.5 mm² UT... screw connection terminal blocks

Installation terminal blocks

Notes:

1) For additional accessories and technical data, see page 30.

2) 3-pos. termination block.



**4 (4) mm², 30 A, three-level terminal block,
2 x L phase conductor**

**4 (4) mm², 24 A, three-level terminal block,
1 x L phase conductor, 1 x N conductor can be
disconnected, 1 x PE**



Technical data¹⁾

Dimensions	Width	Length	Height	
	5.2	93.5	51.5 (NS 35/7,5)	
Max. electrical data				
	[mm]			
Max. bridge current				
	[A]			
Rated data				
Rated voltage	[V]	400	300	-
Nominal current / cross section	[A] / [mm ²]	24 / 4	20 / -	-
Rated cross section	[mm ²]	4		
Cross section range	AWG	24 - 12	-	-
Nominal current / cross section	[A] / [mm ²]	-		
Connection capacity				
1 conductor	[mm ²]	0.2 - 4	0.2 - 4	0.25 - 2.5 0.25 - 2.5
2 conductors (of the same type)	[mm ²]	0.2 - 1.5	0.2 - 1.5	0.25 - 0.75 -

Technical data¹⁾

Dimensions	Width	Length	Height	
	5.2	93.5	51.5 (NS 35/7,5)	
Max. electrical data				
	[mm]			
Max. bridge current				
	[A]			
Rated data				
Rated voltage	[V]	400	300	-
Nominal current / cross section	[A] / [mm ²]	24 / 4	20	-
Rated cross section	[mm ²]	4		
Cross section range	AWG	24 - 12	-	-
Nominal current / cross section	[A] / [mm ²]	-		
Connection capacity				
1 conductor	[mm ²]	0.2 - 4	0.2 - 4	0.25 - 2.5 0.25 - 2.5
2 conductors (of the same type)	[mm ²]	0.2 - 1.5	0.2 - 1.5	0.25 - 0.75 -

Ordering data

Description	Color	Type	Order No.	Pcs. / Pkt.
Terminal block	gray	UTI 2,5-L/LB	3076033	50

Accessories¹⁾

Cover, width 2.2 mm	gray	D-UTI/3	3076036	50
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Ordering data

Description	Color	Type	Order No.	Pcs. / Pkt.
Terminal block	gray	UTI 2,5-PE/L/NTB	3076032	50

Accessories¹⁾

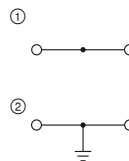
Cover, width 2.2 mm	gray	D-UTI/3	3076036	50
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Mini feed-through terminal blocks and ground terminals

Notes:

¹⁾ For additional accessories and technical data, see page 30.

For information on installation and using accessories for Ex applications, see page 602.



32 A, feed-through terminal block and ground terminal



Ex: IEC
SEV13ATEX0178U / IECEx SEV13.0012U

Technical data¹⁾

Dimensions	Width	Length	Height	
	5.2	29.9	34 (NS 15)	
Max. electrical data	I_{max} [A]	U_{max} [V]	max. \varnothing [mm ²]	AWG (UL)
	32	500	0.2 - 4	24-12
Max. bridge current	24 (FBS) / 17.5 (FBSR) [A]			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	500	300	600	352
Nominal current / cross section	24 / 2.5 [A] / [mm ²]		20 / - 20.5 / 4	
Cross section range	24 - 12 AWG			
Connection capacity	solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	0.2 - 4 [mm ²]	0.2 - 4	0.25 - 2.5	0.25 - 2.5
2 conductors (of the same type)	0.2 - 1.5 [mm ²]	0.2 - 1.5	0.25 - 1.5	-

Ordering data

Description	Color	Type	Order No.	Pcs. / Pkt.
Terminal block	gray	MUT 2,5	① 3248030	50
	blue	MUT 2,5 BU	① 3248031	50
Ground terminal	green-yellow	MUT 2,5-PE	② 3248032	50

Accessories¹⁾

Cover, width 2.2 mm	gray	D-MUT 2,5/4	3248033	50
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Terminal blocks - CLIPLINE complete

4 mm² UT... screw connection terminal blocks

General technical data for 4 mm² UT... screw connection terminal blocks

Rated data		IEC 60947-7-1 / IEC 60947-7-2 / IEC 60947-7-3			
Rated cross section	[mm ²]	4			
Cross section range	AWG	26 - 10			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm ²]	0.14 - 6	0.14 - 6	0.14 - 4	0.14 - 4
2 conductors (of the same type)	[mm ²]	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5	-
2 stranded conductors with a TWIN ferrule	[mm ²]	-	-	-	0.5 - 2.5
General data					
Stripping length	[mm]	9			
Screw thread		M3			
Tightening torque	[Nm]	0.6 - 0.8			
Insulating material		PA			
Inflammability class according to UL 94		VO			
Note: additional or deviating data is documented for the product.					

Notes:

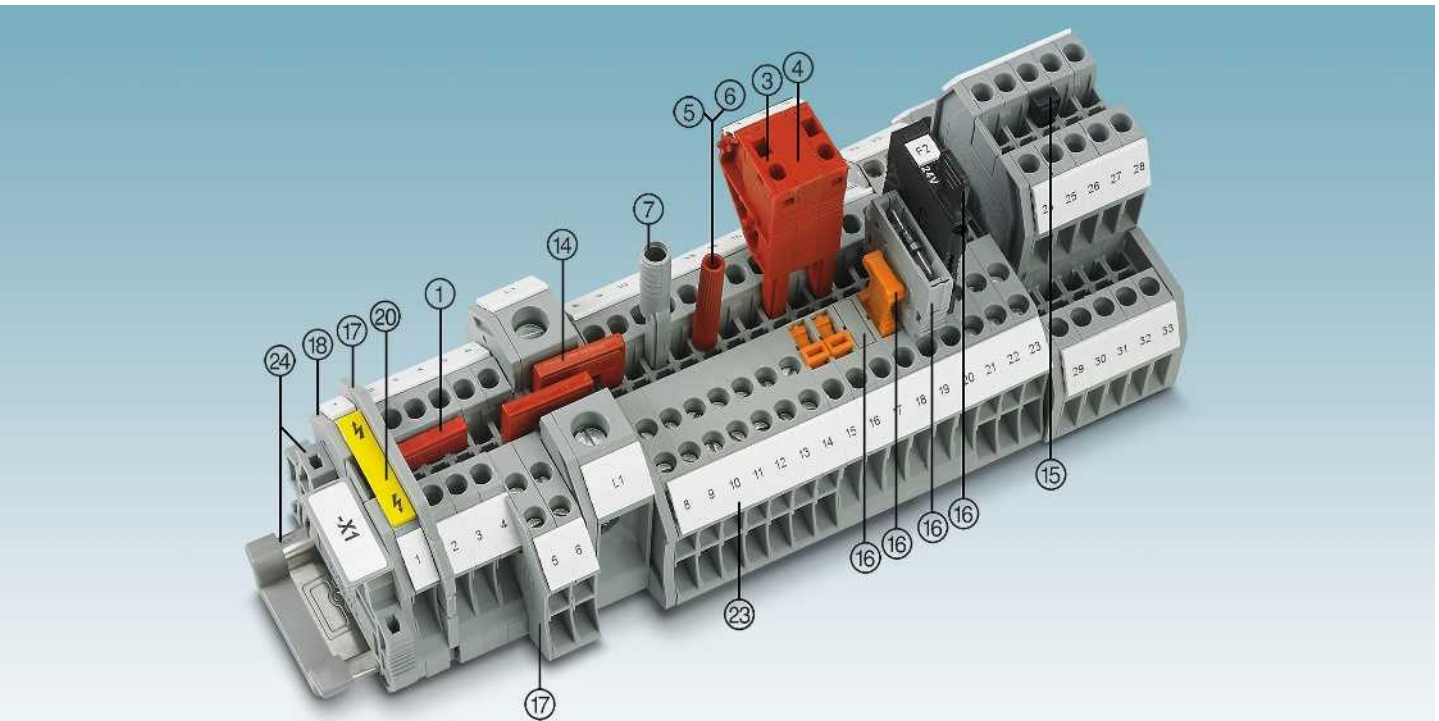


In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

¹⁾ The bridge current is documented for the respective product. For additional colors, see page 340.

System accessories for 4 mm² UT... screw connection terminal blocks



Description	Number of positions	Color	Type	Order No.	Pcs. / Pkt.	Type	Order No.	Pcs. / Pkt.
① Jumper ¹⁾	2	red	FBS 2-6	3030336	50	FBSR 2-6	3033715	50
	3	red	FBS 3-6	3030242	50	FBSR 3-6	3001594	50
	4	red	FBS 4-6	3030255	50	FBSR 4-6	3001595	50
	5	red	FBS 5-6	3030349	50	FBSR 5-6	3001596	50
	10	red	FBS 10-6	3030271	10	FBSR 10-6	3033716	10
	20	red	FBS 20-6	3030365	10			
③ Modular test plug		red	PS-6	3030996	10			
④ Spacer plate		red	DP PS-6	3036738	10			
⑤ Test plug metal part		silver	MPS-MT	0201744	10			
⑥ Insulating sleeve, for MPS metal part		red	MPS-IH RD	0201676	10			
⑦ Test adapter, 4 mm socket hole		gray	PAI-4-N GY	3032871	10			
Screwdriver			SF-SL 0,6X3,5-100 S-VDE	1212587	10			

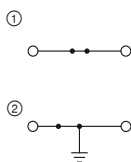
⑭ Reducing bridge	For RB ..., see page 344.
⑮ Vertical potential bridge	For FBS-PV ..., see page 341.
⑯ Fuse and function plugs for disconnect terminal blocks	For P-FU ... / P-DI / P-FIX / P-CO ..., see page 349 onwards.
⑰ Partition plates/end cover segments	For ATP-... / DS-..., visit phoenixcontact.net/products
⑱ Cover	Documented for the product.
⑳ Warning labels	For WS ..., see page 353.
㉑ Lateral groove marking	UC-TM 6, UCT-TM 6 or ZB 6. See also Catalog 5, selection tables from page 100.
㉒ DIN rails and end brackets	See Catalog 5.
For full accessories, visit phoenixcontact.net/products	Note: additional or deviating accessories are documented for the product.

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

Notes:

¹⁾ For additional accessories and technical data, see page 40.

For information on installation and using accessories for Ex applications, see page 602.



41 A, feed-through terminal block and ground terminal



Ex: EAC Ex KEMA 04ATEX2048 U / IECEx KEM 06.0027U

Technical data¹⁾

Width	Length	Height		
6.2	47.7	47.5 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
41	1000	0.14 - 6	26-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
1000	600	600	690	
32 / 4	30 / -	30 / -	30 / 4	

Ordering data

Type	Order No.	Pcs. / Pkt.
UT 4	① 3044102	50
UT 4 BU	① 3044115	50
UT 4-PE	② 3044128	50

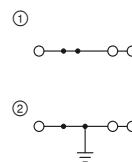
Accessories¹⁾

D-UT 2,5/10	Order No.	Pcs. / Pkt.
D-UT 2,5/10	3047028	50

Dimensions	[mm]
Width	6.2
Length	47.7
Height	47.5 (NS 35/7,5)
Max. electrical data	
I _{max.} [A]	41
U _{max.} [V]	1000
Max. bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
32 / 4	30 / -

Description	Color
Terminal block	gray blue
Ground terminal	green-yellow

Cover, width 2.2 mm	Color
Cover, width 2.2 mm	gray



41 A, feed-through terminal block and ground terminal, 3 connections



Ex: EAC Ex KEMA 06ATEX0017 U / IECEx KEM 06.0013U

Technical data¹⁾

Width	Length	Height		
6.2	57.8	47.5 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
41	500	0.14 - 6	26-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	150	150	352	
32 / 4	30 / -	30 / -	29 / 4	

Ordering data

Type	Order No.	Pcs. / Pkt.
UT 4-TWIN	① 3044364	50
UT 4-TWIN BU	① 3044500	50
UT 4-TWIN-PE	② 3044380	50

Accessories¹⁾

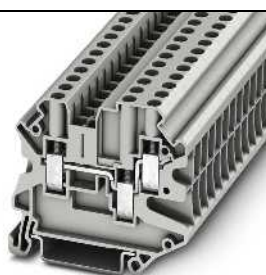
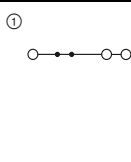
D-UT 2,5/4-TWIN	Order No.	Pcs. / Pkt.
D-UT 2,5/4-TWIN	3047141	50

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

Notes:

¹⁾ For additional accessories and technical data, see page 40.

For information on installation and using accessories for Ex applications, see page 602.



39 A, 1000 V, feed-through terminal block, 3 connections



Ex: EAC Ex KEMA SEV13ATEX0133U / IECEx SEV13.0004U

Technical data¹⁾

Width	Length	Height		
6.2	57.8	50 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
39	1000	0.14 - 6	26-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
1000	600	600	550	
32 / 4	30 / -	30	27 / 4	

Ordering data

Type	Order No.	Pcs. / Pkt.
UT 4-TWIN HV	① 3000608	50

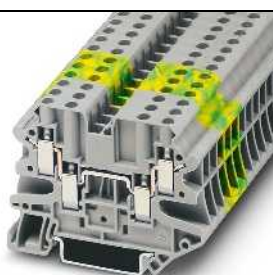
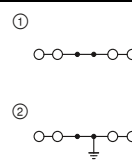
Accessories¹⁾

D-UT 4-TWIN HV	Order No.	Pcs. / Pkt.
D-UT 4-TWIN HV	3000710	50

Dimensions	[mm]
Width	6.2
Length	57.8
Height	50 (NS 35/7,5)
Max. electrical data	
I _{max.} [A]	39
U _{max.} [V]	1000
Max. bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
32 / 4	30 / -

Description	Color
Terminal block	gray blue
Ground terminal	green-yellow

Cover, width 2.2 mm	Color
Cover, width 2.2 mm	gray



39 A, feed-through terminal block and ground terminal, 4 connections



Ex: EAC Ex KEMA 06ATEX0017 U / IECEx KEM 06.0013U

Technical data¹⁾

Width	Length	Height		
6.2	65.4	47.5 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
39	500	0.14 - 6	26-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	150	150	352	
32 / 4	30 / -	30 / -	29 / 4	

Ordering data

Type	Order No.	Pcs. / Pkt.
UT 4-QUATTRO	① 3044571	50
UT 4-QUATTRO BU	① 3044584	50
UT 4-QUATTRO-PE	② 3044597	50

Accessories¹⁾

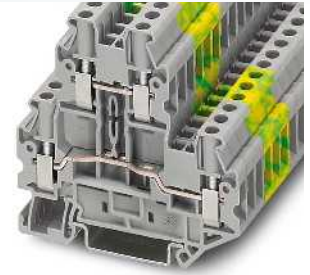
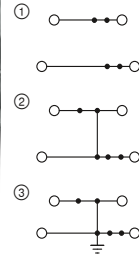
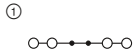
D-UT 2,5/4-QUATTRO	Order No.	Pcs. / Pkt.
D-UT 2,5/4-QUATTRO	3047170	50

Terminal blocks - CLIPLINE complete

4 mm² UT... screw connection terminal blocks

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

Notes:
 1) For additional accessories and technical data, see page 40.
 For information on installation and using accessories for Ex applications, see page 602.



37 A, 1000 V, feed-through terminal block, 4 connections

36 A, double-level terminal block and ground terminal



SEV13ATEX0133U / IECEx SEV13.0004U

Technical data ¹⁾				
Width	Length	Height		
6.2	65.4	50 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
37	1000	0.14 - 6	-	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
1000	-	-	550	
32 / 4	-	-	27 / 4	



KEMA 06ATEX0017 U / IECEx KEM 06.0013U

Technical data ¹⁾				
Width	Length	Height		
6.2	69.9	65 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
36	800	0.14 - 6	26-10	
30 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	600	600	440	
30 / 4	30 / -	30 / -	25.5 / 4	

Dimensions	
	[mm]
Max. electrical data	
Max. bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]

Description	Color
Terminal block	gray
With potential distribution	gray
Ground terminal	green-yellow

Cover, width 2.2 mm	gray
Spacer plate	gray

Ordering data			
Type	Order No.	Pcs. / Pkt.	
UT 4-QUATTRO HV	3048823	50	
UT 4-QUATTRO HV BU	3048836	50	

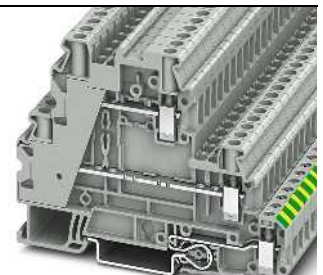
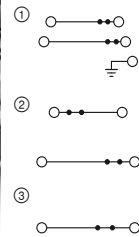
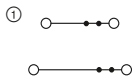
Accessories ¹⁾			
Type	Order No.	Pcs. / Pkt.	
D-UT 4-QUATTRO HV	3048852	50	

Ordering data			
Type	Order No.	Pcs. / Pkt.	
UTTB 4	3044814	50	
UTTB 4 BU	3044791	50	
UTTB 4-PV	3044733	50	
UTTB 4-PE	3044759	50	

Accessories ¹⁾			
Type	Order No.	Pcs. / Pkt.	
D-UTTB 2,5/4	3047293	50	
DP-UTTB 2,5/4	3047303	50	

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

Notes:
 1) For additional accessories and technical data, see page 40.



36 A, 1000 V, double-level terminal block, 2 connections top level

36 A, multi-level terminal block with PE foot



Technical data ¹⁾				
Width	Length	Height		
6.2	75.6	65 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
36	1000	0.14 - 6	26-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
1000	600	-	-	
30 / 4	30 / -	-	-	



Technical data ¹⁾				
Width	Length	Height		
6.2	92.7	61.7 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
36	500	0.14 - 6	26-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	300	-	-	
30 / 4	16	-	-	

Description	Color
Terminal block	gray
	gray
	gray
	gray

Cover, width 2.2 mm	
---------------------	--

Ordering data			
Type	Order No.	Pcs. / Pkt.	
UTTB 4 HV	3000610	50	

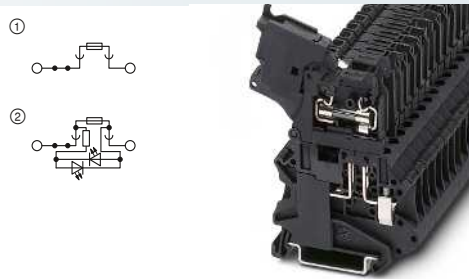
Accessories ¹⁾			
Type	Order No.	Pcs. / Pkt.	
D-UTTB 4 HV	3000709	50	

Ordering data			
Type	Order No.	Pcs. / Pkt.	
UT 4-PE/L/L	3214360	50	
UT 4-PE/L/N	3214361	50	
UT 4-L/L	3214362	50	
UT 4-L	3214363	50	

Accessories ¹⁾			
Type	Order No.	Pcs. / Pkt.	

Fuse terminal blocks and lever-type disconnect terminal blocks of the same shape

Notes:
¹⁾ For additional accessories and technical data, see page 40.
²⁾ If the fuse is faulty, the downstream circuit is not off load.
³⁾ For max. power dissipation, see page 616.
⁴⁾ The current is determined by the fuse used, the voltage by the light indicator.
For lever marking, please use marking material with a 5.2 mm pitch.

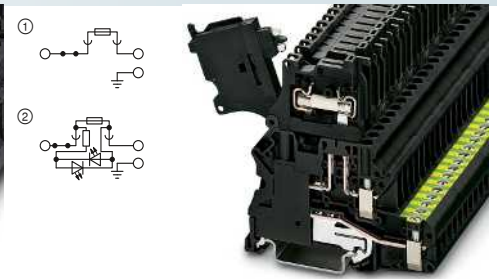


10 A, lever-type fuse terminal block for 5 x 20 mm cartridge fuses



Technical data ¹⁾				
Width	Length	Height		
6.2	57.8	73 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
10 ³⁾	500 ⁴⁾	0.14 - 6	26-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500 ⁴⁾	600	600	-	
Nominal current / cross section [A] / [mm ²]				
6.3 / 1 6.3 / - 6.3 / - - -				

Ordering data				
Type	Order No.	Pcs. / Pkt.		
UT 4-HESI (5X20)	① 3046032	50		
UT 4-HESILED 24 (5X20)	② 3046090	50		
UT 4-HESILED 24 (5X20) 120KOHM	② 3248005	50		
UT 4-HESILED 60 (5X20)	② 3046126	50		
UT 4-HESILA 250 (5X20)	② 3046100	50		



6.3 A, lever-type fuse terminal block for 5 x 20 mm cartridge fuses, with PE foot



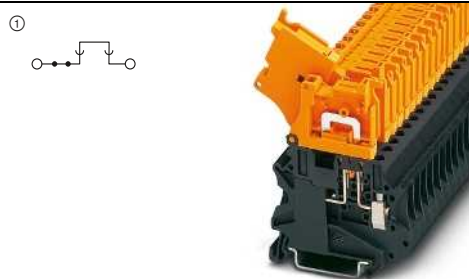
Technical data ¹⁾				
Width	Length	Height		
6.2	70.8	73 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
6.3 ³⁾	500 ⁴⁾	0.14 - 6	26-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500 ⁴⁾	600	600	-	
Nominal current / cross section [A] / [mm ²]				
6.3 / 1 10 10 / - - -				

Ordering data				
Type	Order No.	Pcs. / Pkt.		
UT 4-PE/HESI (5X20)	① 3073995	50		
UT 4-PE/HESI LED 24 (5X20)	② 3070053	50		
UT 4-PE/HESILED 60 (5X20)	② 3070066	50		
UT 4-PE/HESI LA 250 (5X20)	② 3070079	50		

Fuse terminal blocks and lever-type disconnect terminal blocks of the same shape

– The lever-type disconnect terminal blocks are the same shape as the respective lever-type fuse terminal blocks

Notes:
¹⁾ For additional accessories and technical data, see page 40.
For lever marking, please use marking material with a 5.2 mm pitch.

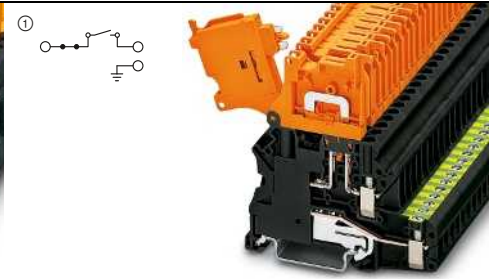


20 A, lever-type disconnect terminal block, same shape



Technical data ¹⁾				
Width	Length	Height		
6.2	57.8	73 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
20	500	0.14 - 6	26-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	600	600	-	
Nominal current / cross section [A] / [mm ²]				
20 / 2.5 16 / - 16 / - - -				

Ordering data				
Type	Order No.	Pcs. / Pkt.		
UT 4-HEDI	① 3046249	50		
UT 4-HEDI-P/P	① 3046252	50		



20 A, lever-type disconnect terminal block, same shape, with PE foot



Technical data ¹⁾				
Width	Length	Height		
6.2	70.8	73 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
20	500	0.14 - 6	26-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	600	600	-	
Nominal current / cross section [A] / [mm ²]				
20 / 2.5 16 16 / - - -				

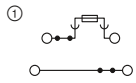
Ordering data				
Type	Order No.	Pcs. / Pkt.		
UT 4-PE/HEDI	① 3074004	50		

Terminal blocks - CLIPLINE complete

4 mm² UT... screw connection terminal blocks

Fuse terminal blocks and lever-type disconnect terminal blocks of the same shape

Notes:
1) For additional accessories and technical data, see page 40.
2) If the fuse is faulty, the downstream circuit is not off load.
3) For max. power dissipation, see page 616.
4) The current is determined by the fuse used.
For lever marking, please use marking material with a 5.2 mm pitch.
For information on installation and using accessories for Ex applications, see page 602.



36 A, multi-level terminal block, safety lever

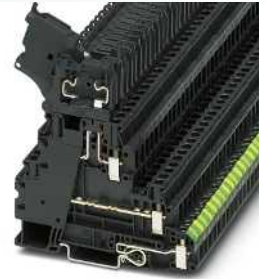
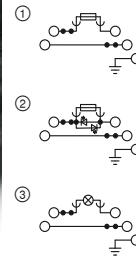


Technical data ¹⁾				
Width	Length	Height		
6.2	92.7	88.9 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
36 ³⁾	500 ³⁾	0.14 - 6	26-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500 ³⁾	300	-	-	
28 / 4	16	-	-	
6.3 ⁴⁾ / 1 (disconnect level)				

Ordering data			
Type	Order No.	Pcs. / Pkt.	
UT 4-L/HESI (5X20)	3214325	50	①

Dimensions	[mm]
Max. electrical data	
Max. bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Nominal current / cross section	[A] / [mm ²]

Description	Color
Fuse terminal block	black
With light indicator for 12 - 30 V DC ²⁾	black
for 30 - 60 V AC/DC ²⁾	black
for 110 - 250 V AC/DC ²⁾	black



36 A, multi-level terminal block, safety lever with LED display, PE foot

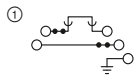


Technical data ¹⁾				
Width	Length	Height		
6.2	92.7	88.9 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
36 ³⁾	500 ³⁾	0.14 - 6	26-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500 ³⁾	300	-	-	
28 / 4	16	-	-	
6.3 ⁴⁾ / 1 (disconnect level)				

Ordering data			
Type	Order No.	Pcs. / Pkt.	
UT 4-PE/L/HESI (5X20)	3214320	50	①
UT 4-PE/L/HESILED 24 (5X20)	3214321	50	②
UT 4-PE/L/HESILED 60 (5X20)	3214322	50	②
UT 4-PE/L/HESILED 250 (5X20)	3214323	50	③

Fuse terminal blocks and lever-type disconnect terminal blocks of the same shape

Notes:
1) For additional accessories and technical data, see page 40.
2) Current and voltage are determined by the plug used.
For lever marking, please use marking material with a 5.2 mm pitch.



36 A, multi-level lever-type disconnect terminal block, PE foot, same shape

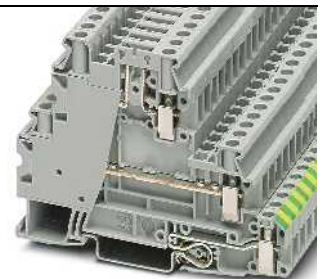
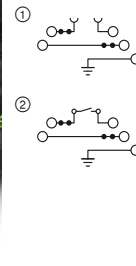


Technical data ¹⁾				
Width	Length	Height		
6.2	92.7	88.9 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
36	500	0.14 - 6	26-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	300	-	-	
28 / 4	16	-	-	
20 / 1 (disconnect level)				

Ordering data			
Type	Order No.	Pcs. / Pkt.	
UT 4-PE/L/HEDI	3214324	50	①

Dimensions	[mm]
Max. electrical data	
Max. bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Nominal current / cross section	[A] / [mm ²]

Description	Color
Terminal block	black
Knife disconnect terminal block	gray



36 A, multi-level terminal block with disconnect zone, PE foot

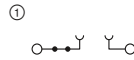


Technical data ¹⁾				
Width	Length	Height		
6.2	92.7	61.7 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
36	500	0.14 - 6	-	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	-	-	-	
28 / 4	-	-	-	
20 ²⁾ / 2.5 (disconnect level)				

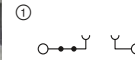
Ordering data			
Type	Order No.	Pcs. / Pkt.	
UT 4-PE/L/TG	3214365	50	①
UT 4-PE/L/MT	3214364	50	②

Disconnect and knife disconnect terminal blocks

Notes:
1) For additional accessories and technical data, see page 40.
2) If the fuse is faulty, the downstream circuit is not off load.
3) Current and voltage are determined by the plug used.
Detailed information and data sheets regarding terminal blocks in the Ex area are available in the product area on our website at www.phoenixcontact.net/products and in IECEx Certificate of Conformity IECEx UL 13.0007U and in UL file E192998.
Only the fuse plugs listed may be used.
For information on installation and using accessories for Ex applications, see page 602.



20 A, disconnect terminal block



20 A, disconnect terminal block, for Ex nA



Technical data ¹⁾			
Width	Length	Height	
6.2	57.8	47.5 (NS 35/7,5)	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
20 ³⁾	500 ³⁾	0.14 - 6	26-10
20 (FBS) / 20 (FBSR)			
IEC	UL / CUL	CSA	Ex
500 ³⁾	600	600	-
Nominal current / cross section	[A] / [mm ²]		
20 ³⁾ / 2.5	16 / -	16 / -	-

Ordering data			
Type	Order No.	Pcs. / Pkt.	
UT 4-TG	3046142	50	
UT 4-TG BU	3073283	50	
UT 4-TG-P/P	3046168	50	
UT 4-TG-P/P BU	3073296	50	

Accessories ¹⁾			



Technical data ¹⁾			
Width	Length	Height	
6.2	57.8	47.5 (NS 35/7,5)	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
20 ³⁾	500 ³⁾	0.14 - 6	-
20 (FBS)			
IEC	UL / CUL	CSA	Ex
500 ³⁾	-	-	250
Nominal current / cross section	[A] / [mm ²]		
20 ³⁾ / 2.5	-	-	6.3 / 4

Ordering data			
Type	Order No.	Pcs. / Pkt.	
UT 4-TG-EX	3046143	50	
UT 4-TG-P/P-EX	3046169	50	

Accessories ¹⁾			
P-FU 5X20-EX	3036807	10	
P-FU 5X20 LED 24-EX	3036821	10	
P-FU 5X20 LED 60-EX	3036823	10	
P-FU 5X20 LA 250-EX	3036836	10	

Dimensions	
	[mm]
Max. electrical data	
Max. bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Description	
	Color
Terminal block	gray
	blue
With test socket screws	gray
	blue
Fuse plug, width 6.2 mm ²⁾	
With light indicator for 12 - 30 V DC	black
for 30 - 60 V AC/DC	black
for 110 - 250 V AC/DC	black

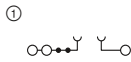
Terminal blocks - CLIPLINE complete

4 mm² UT... screw connection terminal blocks

Disconnect and knife disconnect terminal blocks

Notes:

1) For additional accessories and technical data, see page 40.
 2) Current and voltage are determined by the plug used.



20 A, disconnect terminal block, 3 connections



Technical data ¹⁾				
Width	Length	Height		
6.2	65.4	47.5 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
20	500 ²⁾	0.14 - 6	26-10	
20 (FBS) / 20 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500 ²⁾	300	300	-	
20 ²⁾ / 2.5				

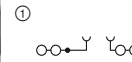
Ordering data			
Type	Order No.	Pcs. / Pkt.	
UT 4-TWIN-TG	3046595	50	
UT 4-TWIN-TG BU	3073034	50	
UT 4-TWIN-TG P/P	3046605	50	
UT 4-TWIN-TG P/P BU	3073047	50	

Accessories ¹⁾		
Type	Order No.	Pcs. / Pkt.
D-UT 2,5/4-QUATTRO	3047170	50

Dimensions	[mm]
Max. electrical data	
Max. bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]

Description	Color
Terminal block	gray
	blue
With test socket screws	gray
	blue

Cover, width 2.2 mm	gray
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20 A, disconnect terminal block, 4 connections



Technical data ¹⁾				
Width	Length	Height		
6.2	65.4	47.5 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
20	500 ²⁾	0.14 - 6	26-10	
20 (FBS) / 20 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500 ²⁾	300	300	-	
20 ²⁾ / 2.5				

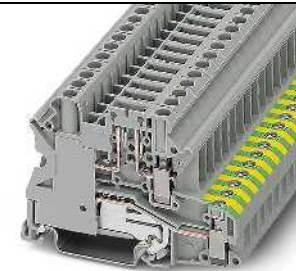
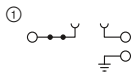
Ordering data			
Type	Order No.	Pcs. / Pkt.	
UT 4-QUATTRO-TG	3064027	50	
UT 4-QUATTRO-TG BU	3073076	50	
UT 4-QUATTRO-TG P/P	3064030	50	
UT 4-QUATTRO-TG P/P BU	3073089	50	

Accessories ¹⁾		
Type	Order No.	Pcs. / Pkt.
D-UT 2,5/4-QUATTRO	3047170	50

Disconnect and knife disconnect terminal blocks

Notes:

1) For additional accessories and technical data, see page 40.
 2) Current and voltage are determined by the plug used.
 3) Lower level



20 A, disconnect terminal block with PE foot



Technical data ¹⁾				
Width	Length	Height		
6.2	70.8	47.5 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
20	500	0.14 - 6	-	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	-	600	-	
20 / 2.5				
-				

Ordering data			
Type	Order No.	Pcs. / Pkt.	
UT 4-PE-TG	3070024	50	
UT 4-PE-TG P/P	3070037	50	

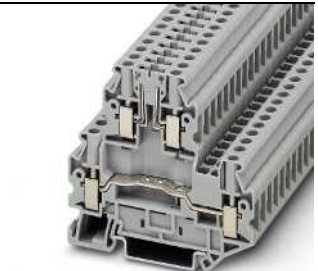
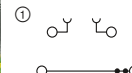
Accessories ¹⁾		
Type	Order No.	Pcs. / Pkt.

Dimensions	[mm]
Max. electrical data	
Max. bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Nominal current / cross section	[A] / [mm ²]

Description	Color
Terminal block	gray
With test socket screws	gray
Disconnect terminal block	gray

Cover, width 2.2 mm	gray
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Spacer plate	gray
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38 A, double-level terminal block with disconnect zone



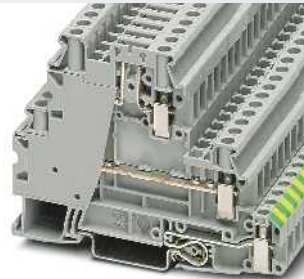
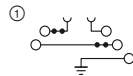
Technical data ¹⁾				
Width	Length	Height		
6.2	69.9	65 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
38 ³⁾	500 ²⁾	0.14 - 6	26-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500 ²⁾	600	600	-	
30 / 4				
20 ²⁾ / 2.5 (disconnect level)				

Ordering data			
Type	Order No.	Pcs. / Pkt.	
UTTB 4-TG	3044720	50	

Accessories ¹⁾		
Type	Order No.	Pcs. / Pkt.
D-UTTB 2,5/4	3047293	50
DP-UTTB 2,5/4	3047303	50

Disconnect and knife disconnect terminal blocks

Notes:
 1) For additional accessories and technical data, see page 40.
 2) Current and voltage are determined by the plug used.

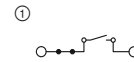


36 A, multi-level terminal block with disconnect zone, PE foot



Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	6.2	92.7	61.7 (NS 35/7,5)	
Max. electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
	36	500	0.14 - 6	-
Max. bridge current	32 (FBS) / 24 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	500	-	-	-
Nominal current / cross section	28 / 4	-	-	-
Nominal current / cross section	20 ²⁾ / 2.5 (disconnect level)			

Ordering data			
Description	Color	Type	Order No.
Terminal block	gray	UT 4-PE/LTG	3214365
	gray		
	blue		
With test socket screws	gray		
	blue		



20 A, knife disconnect terminal block

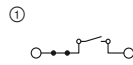


Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	6.2	57.8	49.1 (NS 35/7,5)	
Max. electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
	20	500	0.14 - 6	26-10
	20 (FBS) / 20 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	500	600	600	-
Nominal current / cross section	20 / 2.5	16 / -	16 / -	-

Ordering data			
Description	Color	Type	Order No.
Terminal block	gray	UT 4-MT	3046139
	gray	UT 4-MT BU	3046278
	blue	UT 4-MT-P/P	3046171
With test socket screws	gray	UT 4-MT-P/P BU	3046265
	blue		

Disconnect and knife disconnect terminal blocks

Notes:
 1) For additional accessories and technical data, see page 40.
 Detailed information and data sheets regarding terminal blocks in the Ex area are available in the product area on our website at www.phoenixcontact.net/products and in IECEx Certificate of Conformity IECEx UL 13.0007U and in UL file E192998.
 For information on installation and using accessories for Ex applications, see page 602.

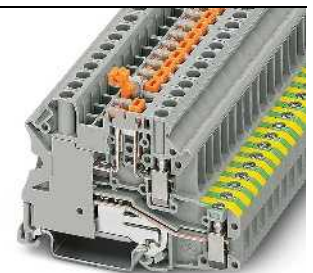
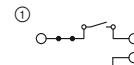


20 A, knife disconnect terminal block for Ex nA



Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	6.2	57.8	49.1 (NS 35/7,5)	
Max. electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
	20	500	0.14 - 6	-
Max. bridge current	20 (FBS)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	500	-	-	500
Nominal current / cross section	20 / 2.5	-	-	16 / 4
Connection capacity	solid	stranded	Ferrule without/with plastic sleeve	
2 conductors (of the same type)	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5	

Ordering data			
Description	Color	Type	Order No.
Terminal block	gray	UT 4-MT-EX	3046141
With test socket screws	gray	UT 4-MT-P/P-EX	3046173



20 A, knife disconnect terminal block with PE foot



Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	6.2	70.8	49.1 (NS 35/7,5)	
Max. electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
	20	500	0.14 - 6	26-10
	32 (FBS) / 24 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	500	-	600	-
Nominal current / cross section	20 / 2.5	-	16 / -	-
Connection capacity	solid	stranded	Ferrule without/with plastic sleeve	
2 conductors (of the same type)	0.14 - 1.5	0.14 - 1.5	0.25 - 1.5	

Ordering data			
Description	Color	Type	Order No.
Terminal block	gray	UT 4-PE/MT	3070011
With test socket screws	gray	UT 4-PE/MT P/P	3046140

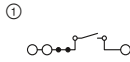
Terminal blocks - CLIPLINE complete

4 mm² UT... screw connection terminal blocks

Disconnect and knife disconnect terminal blocks

Notes:

1) For additional accessories and technical data, see page 40.



20 A, knife disconnect terminal block, 3 connections



Technical data¹⁾

Dimensions	[mm]
Max. electrical data	
Max. bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]

Width	Length	Height		
6.2	65.4	49.1 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
20	500	0.14 - 6	26-10	
20 (FBS) / 20 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	300	300	-	
20 / 2.5	20 / -	16 / -	-	

Ordering data

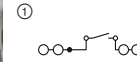
Description	Color
Terminal block	gray
	blue
With test socket screws	gray
	blue

Type	Order No.	Pcs. / Pkt.
UT 4-TWIN-MT	① 3046003	50
UT 4-TWIN-MT BU	① 3073018	50
UT 4-TWIN-MT P/P	① 3064014	50
UT 4-TWIN-MT P/P BU	① 3073021	50

Accessories¹⁾

Cover, width 2.2 mm	gray
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D-UT 2,5/4-QUATTRO	3047170	50
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20 A, knife disconnect terminal block, 4 connections



Technical data¹⁾

Width	Length	Height		
6.2	65.4	49.1 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
20	500	0.14 - 6	26-10	
20 (FBS) / 20 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	300	300	-	
20 / 2.5	20 / -	16 / -	-	

Ordering data

Type	Order No.	Pcs. / Pkt.
UT 4-QUATTRO-MT	① 3064043	50
UT 4-QUATTRO-MT BU	① 3073050	50
UT 4-QUATTRO-MT P/P	① 3064056	50
UT 4-QUATTRO-MT P/P BU	① 3073063	50

Accessories¹⁾

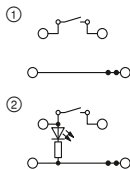
D-UT 2,5/4-QUATTRO	3047170	50
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Disconnect and knife disconnect terminal blocks

Notes:

1) For additional accessories and technical data, see page 40.

2) Lower level



38 A, double-level terminal block with knife disconnect zone



Technical data¹⁾

Dimensions	[mm]
Max. electrical data	
Max. bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Nominal current / cross section	[A] / [mm ²]

Width	Length	Height		
6.2	69.9	65 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
38 ²⁾	500	0.14 - 6	26-10	
36 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	600	600	-	
30 / 4	16	5	-	
20 / 2.5 (disconnect level)				

Ordering data

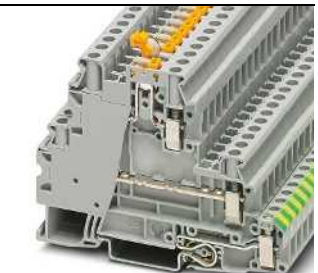
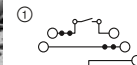
Description	Color
Knife disconnect terminal block	gray
With test socket screws	gray
for 12 - 30 V DC, 0.7 - 2.4 mA	gray

Type	Order No.	Pcs. / Pkt.
UTTB 4-MT	① 3044775	50
UTTB 4-MT P/P	① 3044762	50
UTTB 4-MT P/P LA 24 RD/O-U	② 3046773	50

Accessories¹⁾

Cover, width 2.2 mm	gray
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D-UTTB 2,5/4	3047293	50
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36 A, multi-level terminal block with knife disconnect zone, PE foot



Technical data¹⁾

Width	Length	Height		
6.2	92.7	61.7 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
36 ²⁾	500	0.14 - 6	26-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	300	-	-	
28 / 4	16	-	-	
20 / 2.5 (disconnect level)				

Ordering data

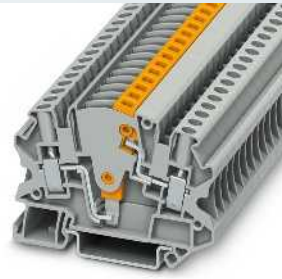
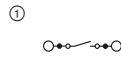
Type	Order No.	Pcs. / Pkt.
UT 4-PE/L/MT	① 3214364	50

Accessories¹⁾

Test disconnect terminal blocks

Notes:

1) For additional accessories and technical data, see page 40.



28 A, test disconnect terminal block



Technical data¹⁾

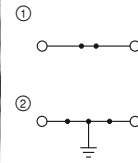
Width	Length	Height		
6.2	66	47.7 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
28	500	0.14 - 6	26-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	600	600	-	
Nominal current / cross section [A] / [mm ²]				
28 / 4	25 / -	25 / -	-	

Ordering data

Type	Order No.	Pcs. / Pkt.
UTME 4	3047452	50
UTME 4-P/P	3047453	50
UTME 4-P/P BU	3047454	50

Accessories¹⁾

D-UTME 4	Order No.	Pcs. / Pkt.
D-UTME 4	3047491	10



28 A, feed-through terminal block and ground terminal, same shape



Technical data¹⁾

Width	Length	Height		
6.2	66	47.7 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
32	500	0.14 - 6	26-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	600	600	-	
Nominal current / cross section [A] / [mm ²]				
32 / 4	25 / -	25 / -	-	

Ordering data

Type	Order No.	Pcs. / Pkt.
UTMED 4	3047465	50
UTMED 4-PE	3047478	50

Accessories¹⁾

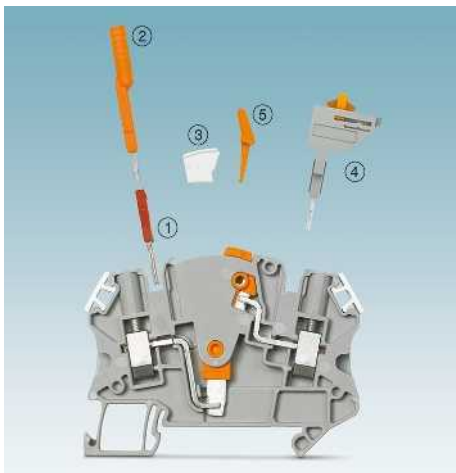
D-UTME 4	Order No.	Pcs. / Pkt.
D-UTME 4	3047491	10

Dimensions	[mm]
Width	6.2
Length	66
Height	47.7 (NS 35/7,5)
Max. electrical data	
I_{max} [A]	28
U_{max} [V]	500
32 (FBS) / 24 (FBSR)	
Rated data	
Rated voltage [V]	500
Nominal current / cross section [A] / [mm ²]	28 / 4

Description	Color
Test disconnect terminal block	gray
With test socket screws	gray
	blue
Ground terminal	green-yellow

Cover, width 2.2 mm	Color
Cover, width 2.2 mm	gray

Supplementary accessories for UTME 4 test disconnect terminal blocks



- Only two UTME 4 test disconnect terminal blocks are required for a current transformer measuring circuit
- Less space required compared to creating circuits with slide-type terminal blocks

- FBS... jumper for cross connection
- 4 mm Ø PAI-4-FIX... test plug adapter
- S-ME 4 switching lock
- SB-ME... switching jumper
- C-ME 4/2 connection bridge

Description	No. of pos.	Color
Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft	1	orange
	1	yellow
	1	green
	1	violet
	1	black
	1	blue
	1	red
	1	gray
	1	brown
Switching lock, plug-in		white
Switching jumper, plug-in	2	gray/orange
	3	gray/orange
	4	gray/orange
Operating lever, for actuating 2 test disconnect terminal blocks	2	orange
	3	orange

Ordering data

Type	Order No.	Pcs. / Pkt.
PAI-4-FIX-5/6 OG	3035974	10
PAI-4-FIX-5/6 YE	3035977	10
PAI-4-FIX-5/6 GN	3035978	10
PAI-4-FIX-5/6 VT	3035979	10
PAI-4-FIX-5/6 BK	3035980	10
PAI-4-FIX-5/6 BU	3035975	10
PAI-4-FIX-5/6 RD	3035976	10
PAI-4-FIX-5/6 GY	3035982	10
PAI-4-FIX-5/6 BN	3035981	10
S-ME 4	3035758	10
SB-ME 2-6	3035755	10
SB-ME 3-6	3035756	10
SB-ME 4-6	3035757	10
C-ME 4/2	3035759	10
C-ME 4/3	3035760	10

Terminal blocks - CLIPLINE complete

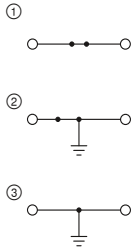
4 mm² UT... screw connection terminal blocks

Diode terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 40.

For information on installation and using accessories for Ex applications, see page 602.



41 A, feed-through terminal block and ground terminal, same shape



Ex: EAC Ex KEMA 04ATEX2048 U / IECEX KEM 06.0027U

Technical data¹⁾

Dimensions	[mm]
Max. electrical data	
Max. bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]

Width	Length	Height		
6.2	57.8	47.5 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
41	800	0.14 - 6	26-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	600	600	690	
32 / 4	30 / -	30 / -	29 / 4	

Ordering data

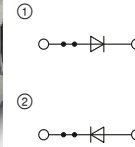
Description	Color
Terminal block	gray
	blue
Ground terminal, with snap-on foot	green-yellow
With screw foot	green-yellow
Terminal block, for conducting direction see circuit diagram	gray
	gray

Type	Order No.	Pcs. / Pkt.
UT 4-MTD	① 3046184	50
UT 4-MTD BU	① 3046197	50
UT 4-MTD-PE	② 3046223	50
UT 4-MTD-PE/S	③ 3046207	50

Accessories¹⁾

Cover, width 2.2 mm	gray
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D-UT 2,5/4-TWIN	3047141	50
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0.5 A, diode terminal block, 1N 4007 (1300 V/0.5 A)



Technical data¹⁾

Width	Length	Height		
6.2	57.8	47.5 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
0.5	800	0.14 - 6	26-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	600	600	-	
0.5 / 1	0.5 / -	1 / -	-	

Ordering data

Type	Order No.	Pcs. / Pkt.
UT 4-MTD-DIO/L-R	① 3046210	50
UT 4-MTD-DIO/R-L	② 3046236	50

Accessories¹⁾

D-UT 2,5/4-TWIN	3047141	50
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Diode terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 40.



0.5 A, diode terminal block, 1N 4007 (1300 V/0.5 A), conducting direction: from left to right



Technical data¹⁾

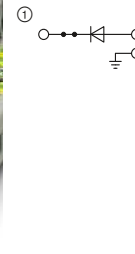
Dimensions	[mm]
Max. electrical data	
Max. bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]

Width	Length	Height		
6.2	70.8	47.5 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
0.5	500	0.14 - 6	26-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	600	-	-	
0.5 / 1	0.5	-	-	

Ordering data

Description	Color
Terminal block, for conducting direction see circuit diagram	gray

Type	Order No.	Pcs. / Pkt.
UT 4-PE/L-DIO/L-R P/P	① 3046834	50



0.5 A, diode terminal block, 1N 4007 (1300 V/0.5 A), conducting direction: from right to left



Technical data¹⁾

Width	Length	Height		
6.2	70.8	47.5 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
0.5	500	0.14 - 6	26-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	600	-	-	
0.5 / 1	0.5	-	-	

Ordering data

Type	Order No.	Pcs. / Pkt.
UT 4-PE/L-DIO/R-L P/P	① 3046235	50

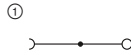
Installation terminal blocks

Notes:

1) For additional accessories and technical data, see page 40.

Assembly instruction:

In order to securely fix the neutral busbar in place, support brackets must be placed at the beginning and end of each terminal strip as well as every 20 cm on longer terminal strips. The corresponding support brackets can be found at phoenixcontact.net/products



32 A, neutral disconnect terminal block

EAC

Technical data¹⁾

Dimensions	Width	Length	Height	
	6.2	55	47.5 (NS 35/7,5)	
Max. electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm ²]	AWG (UL)
	32	250	0.14 - 6	-
	32 (FBS) / 24 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
	250	-	-	-
	32 / 4	-	-	-
Connection capacity			Ferrule without/with plastic sleeve	
	solid	stranded		
1 conductor	0.14 - 6	0.14 - 6	0.25 - 4	0.25 - 4

Ordering data

Description	Color	Type	Order No.	Pcs. / Pkt.
Neutral disconnect terminal block	blue	UTN 4	3245024	50

Accessories¹⁾

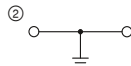
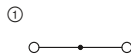
Cover, width 2.2 mm	blue	D-UTN 2,5/10	3245079	50
Support bracket	blue	AB-UTN 2,5/10	3245082	50

Mini feed-through terminal blocks and ground terminals

Notes:

1) For additional accessories and technical data, see page 40.

For information on installation and using accessories for Ex applications, see page 602.



41 A, feed-through terminal block and ground terminal

UL, CE, ENEC, EAC, CB, Ex, IECEx

Ex: Ex I, Ex II, Ex III
SEV13ATEX0178U / IECEx SEV13.0012U

Technical data¹⁾

Dimensions	Width	Length	Height	
	6.2	29.9	34 (NS 15)	
Max. electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm ²]	AWG (UL)
	41	500	0.2 - 6	24-10
	32 (FBS) / 24 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
	500	300	600	352
	32 / 4	30 / -	30 / -	27.5 / 6
	Cross section range	AWG	-	
	24 - 10	-	-	
Connection capacity			Ferrule without/with plastic sleeve	
	solid	stranded		
1 conductor	0.2 - 6	0.2 - 6	0.25 - 4	0.25 - 4
2 conductors (of the same type)	0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-

Ordering data

Description	Color	Type	Order No.	Pcs. / Pkt.
Terminal block	gray	MUT 4	3248035	50
	blue	MUT 4 BU	3248036	50
Ground terminal	green-yellow	MUT 4-PE	3248037	50

Accessories¹⁾

Cover, width 2.2 mm	gray	D-MUT 2,5/4	3248033	50
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Terminal blocks - CLIPLINE complete

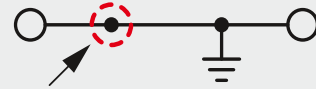
6 mm² UT... screw connection terminal blocks

General technical data for 6 mm² UT... screw connection terminal blocks

Rated data		IEC 60947-7-1 / IEC 60947-7-2 / IEC 60947-7-3			
Rated cross section	[mm ²]	6			
Cross section range	AWG	24 - 8			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm ²]	0.2 - 10	0.2 - 10	0.25 - 6	0.25 - 6
2 conductors (of the same type)	[mm ²]	0.2 - 2.5	0.2 - 2.5	0.25 - 1.5	-
2 stranded conductors with a TWIN ferrule	[mm ²]	-	-	-	0.5 - 4
General data					
Stripping length	[mm]	10			
Screw thread		M4			
Tightening torque	[Nm]	1.5 - 1.8			
Insulating material		PA			
Inflammability class according to UL 94		VO			

Note: additional or deviating data is documented for the product.

Notes:

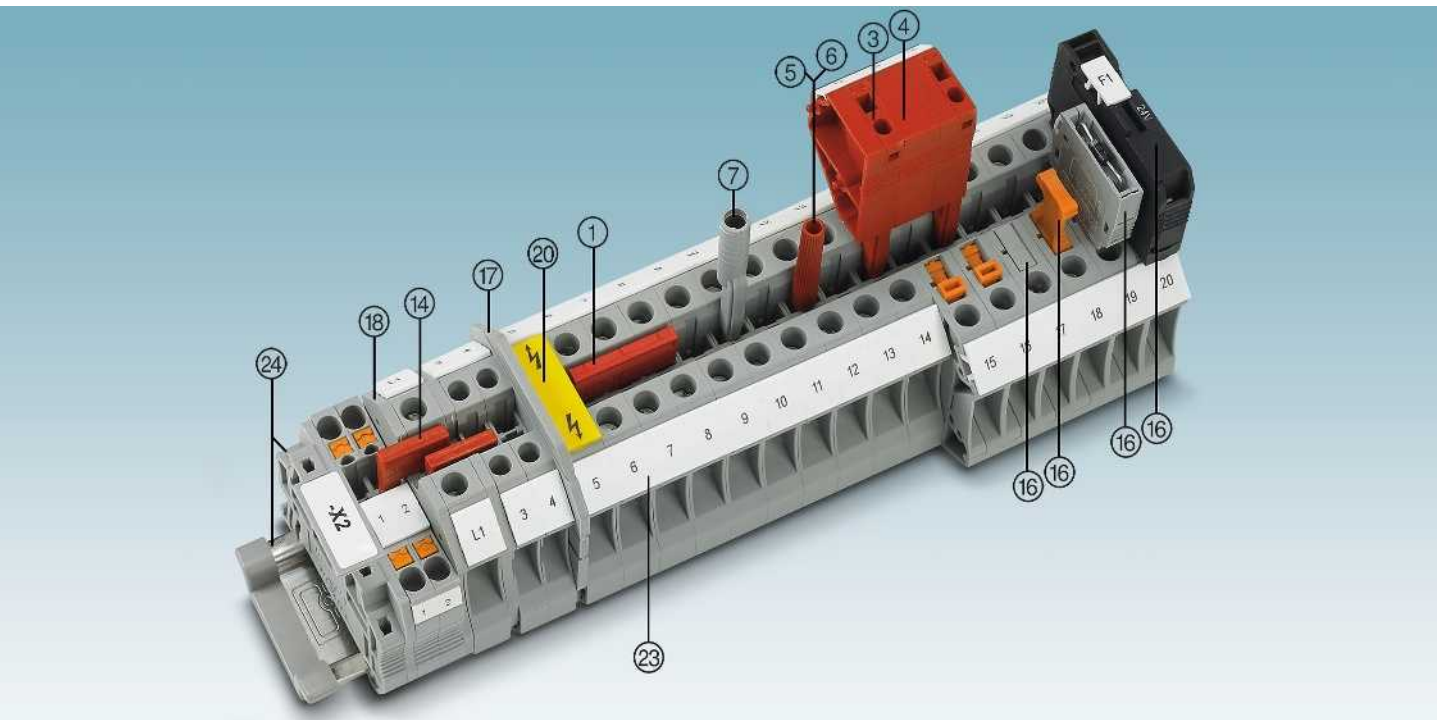


In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

1) The bridge current is documented for the respective product. For additional colors, see page 340.

System accessories for 6 mm² UT... screw connection terminal blocks

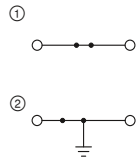


Description	Number of positions	Color	Type	Order No.	Pcs. / Pkt.	Type	Order No.	Pcs. / Pkt.
① Jumper ¹⁾	2	red	FBS 2-8	3030284	10	FBSR 2-8	3033808	10
	3	red	FBS 3-8	3030297	10	FBSR 3-8	3001597	10
	4	red	FBS 4-8	3030307	10	FBSR 4-8	3000585	10
	5	red	FBS 5-8	3030310	10	FBSR 5-8	3033809	10
	10	red	FBS 10-8	3030323	10	FBSR 10-8	3001599	10
	16	red				FBSR 16-8	3033816	10
③ Modular test plug		red	PS-8	3031005	10			
④ Spacer plate		red	DP PS-8	3036741	10			
⑤ Test plug metal part		silver	MPS-MT	0201744	10			
⑥ Insulating sleeve, for MPS metal part		red	MPS-IH RD	0201676	10			
⑦ Test adapter, 4 mm socket hole		gray	PAI-4-N GY	3032871	10			
Screwdriver			SZS 1,0X4,0 VDE	1205066	10			

⑭ Reducing bridge	For RB ..., see page 344.
⑮ Fuse and function plugs for disconnect terminal blocks	For P-FU ... / P-DI / P-FIX / P-CO ..., see page 349 onwards.
⑰ Partition plates/end cover segments	For ATP-... / DS-..., visit phoenixcontact.net/products
⑱ Cover	Documented for the product.
⑳ Warning labels	For WS ..., see page 353.
㉑ Lateral groove marking	UC-TM 8, UCT-TM 8 or ZB 8. See also Catalog 5, selection tables from page 100.
㉒ DIN rails and end brackets	See Catalog 5.
For full accessories, visit phoenixcontact.net/products	Note: additional or deviating accessories are documented for the product.

Feed-through terminal blocks

Notes:
 1) For additional accessories and technical data, see page 52.
 For information on installation and using accessories for Ex applications, see page 602.



57 A, feed-through terminal block and ground terminal



Ex: EAC Ex
 KEMA 04ATEX2048 U / IECEx KEM 06.0027U

Technical data¹⁾

Dimensions	Width	Length	Height
[mm]	8.2	47.7	47.5 (NS 35/7,5)
Max. electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm ²] AWG (UL)
	57	1000	0.2 - 10 24-8
Max. bridge current	41 (FBS) / 32 (FBSR) [A]		
Rated data	IEC	UL / CUL	CSA Ex
Rated voltage	1000	600	600 690
Nominal current / cross section	41 / 6	50 / -	50 / - 40 / 6

Ordering data

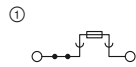
Description	Color	Type	Order No.	Pcs. / Pkt.
Terminal block	gray	UT 6	① 3044131	50
	blue	UT 6 BU	① 3044144	50
Ground terminal	green-yellow	UT 6-PE	② 3044157	50

Accessories¹⁾

Description	Order No.	Pcs. / Pkt.
Cover, width 2.2 mm	D-UT 2,5/10 3047028	50

Fuse terminal blocks

Notes:
 1) For additional accessories and technical data, see page 52.
 2) If the fuse is faulty, the downstream circuit is not off load.
 3) For max. power dissipation, see page 616.
 4) The current is determined by the fuse used, the voltage by the light indicator.
 As disconnect terminal block 500 V
 For lever marking, please use marking material with 6.2 mm pitch.



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

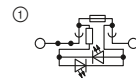


Technical data¹⁾

Dimensions	Width	Length	Height
[mm]	8.2	57.8	73 (NS 35/7,5)
Max. electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm ²] AWG (UL)
	10 ³⁾	630 ⁴⁾	0.2 - 10 24-8
Max. bridge current	41 (FBS) / 32 (FBSR) [A]		
Rated data	IEC	UL / CUL	CSA Ex
Rated voltage	630 ⁴⁾	600	600 -
Nominal current / cross section	10 ⁴⁾ / 1.5	10 / -	10 / -

Ordering data

Description	Color	Type	Order No.	Pcs. / Pkt.
Terminal block	black	UT 6-HESI (6,3X32)	① 3046401	50
With LED for 12 – 30 V AC/DC, 0.31 – 0.95 mA ²⁾	black			
for 30 – 60 V AC/DC, 0.40 – 0.86 mA ²⁾	black			
110 – 250 V AC/DC, 0.41 – 0.96 mA ²⁾	black			



10 A, lever-type fuse terminal block for 6.3 x 32 mm cartridge fuses, with LED display



Technical data¹⁾

Dimensions	Width	Length	Height
[mm]	8.2	57.8	73 (NS 35/7,5)
Max. electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm ²] AWG (UL)
	10 ³⁾	24 ⁴⁾	0.2 - 10 24-8
Max. bridge current	41 (FBS) / 32 (FBSR) [A]		
Rated data	IEC	UL / CUL	CSA Ex
Rated voltage	24 ⁴⁾	600	600 -
Nominal current / cross section	10 ⁴⁾ / 1.5	10 / -	10 / -

Ordering data

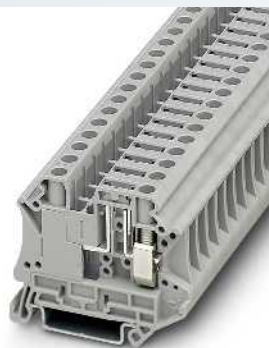
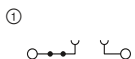
Description	Color	Type	Order No.	Pcs. / Pkt.
Terminal block	black	UT 6-HESILED 24 (6,3X32)	① 3046414	50
for 30 – 60 V AC/DC, 0.40 – 0.86 mA ²⁾	black	UT 6-HESILED 60 (6,3X32)	① 3046427	50
110 – 250 V AC/DC, 0.41 – 0.96 mA ²⁾	black	UT 6-HESILA 250 (6,3X32)	① 3046430	50

Terminal blocks - CLIPLINE complete

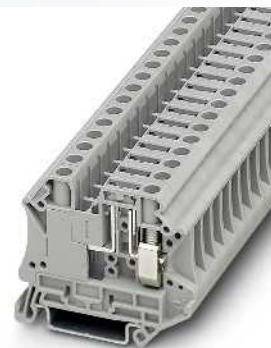
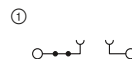
6 mm² UT... screw connection terminal blocks

Disconnect terminal blocks

Notes:
1) For additional accessories and technical data, see page 52.
2) If the fuse is faulty, the downstream circuit is not off load.
3) Current and voltage are determined by the plug used.
Detailed information and data sheets regarding terminal blocks in the Ex area are available in the product area on our website at www.phoenixcontact.net/products and in IECEx Certificate of Conformity IECEx UL 13.0007U and in UL file E192998.
Only the fuse plugs listed may be used.
For information on installation and using accessories for Ex applications, see page 602.



20 A, disconnect terminal block



20 A, disconnect terminal block for Ex nA

Dimensions	
	[mm]
Max. electrical data	
Max. bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]



Technical data ¹⁾			
Width	Length	Height	
8.2	57.8	47.5 (NS 35/7,5)	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
20 ³⁾	500 ³⁾	0.2 - 10	24-8
20 (FBS) / 20 (FBSR)			
IEC	UL / CUL	CSA	Ex
500 ³⁾	600	600	-
20 ³⁾ / 2.5	20 / -	16 / -	-



Ex: IECEx UL 13.0007U

Technical data ¹⁾			
Width	Length	Height	
8.2	57.8	47.5 (NS 35/7,5)	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
20 ³⁾	500 ³⁾	0.2 - 10	-
20 (FBS) / 20 (FBSR)			
IEC	UL / CUL	CSA	Ex
500 ³⁾	-	-	250
20 ³⁾ / 2.5	-	-	6.3 / 6

Description	Color
Terminal block	gray
	blue
With test socket screws	gray
	blue

Ordering data			
Type	Order No.	Pcs. / Pkt.	
UT 6-TG	3046485	50	
UT 6-TG BU	3073856	50	
UT 6-TG P/P	3073869	50	
UT 6-TG P/P BU	3073872	50	

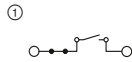
Ordering data			
Type	Order No.	Pcs. / Pkt.	
UT 6-TG-EX	3046486	50	
UT 6-TG P/P-EX	3073870	50	

Fuse plug, width 8.2 mm ²	
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

Accessories ¹⁾		

Accessories ¹⁾		
P-FU 6,3X32-EX	3046499	10
P-FU 6,3X32 LED 24-EX	3046509	10
P-FU 6,3X32 LED 60-EX	3046512	10
P-FU 6,3X32 LA 250-EX	3046525	10

Knife disconnect terminal blocks



20 A, knife disconnect terminal block

Notes:

¹⁾ For additional accessories and technical data, see page 52.

Technical data¹⁾

Dimensions	Width	Length	Height	
	8.2	57.8	49.1 (NS 35/7,5)	
Max. electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. \emptyset [mm ²]	AWG (UL)
	20	500	0.2 - 10	24-8
Max. bridge current	20 (FBS) / 20 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	500	600	600	-
Nominal current / cross section	20 / 2.5	20 / -	16 / -	-

Ordering data

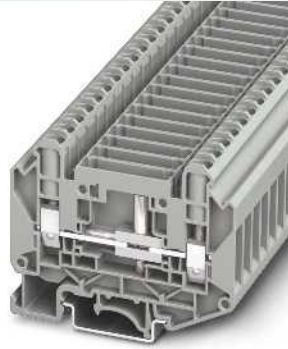
Description	Color	Type	Order No.	Pcs. / Pkt.
Terminal block	gray	UT 6-MT	① 3064069	50
	blue	UT 6-MT BU	① 3073267	50
	gray	UT 6-MT P/P	① 3064072	50
	blue	UT 6-MT P/P BU	① 3073270	50

Terminal blocks - CLIPLINE complete

6 mm² UT... screw connection terminal blocks

Test disconnect terminal blocks

Notes:
For further jumpers, see page 340.
For further test sockets, see page 505.
For corresponding AP-ME and AH-ME terminal strip covers, see Catalog 5.

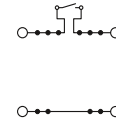


57 A, 1000 V, test disconnect terminal block, 2 jumper shafts

ERC

Technical data

Dimensions	Width	Length	Height NS 35/7,5
	8.2	72.6	54.3
Dimensions	Width	Length	Height NS 32
	8.2	72.6	59.3
Max. electrical data	I _{max} [A]	U _{max} [V]	max. Ø [mm ²] AWG (UL)
	57	1000	0.2 - 10 -
Rated data	IEC 60947-7-1 IEC	UL	CSA IEC/EN 60079-7
Rated voltage [V]	1000	-	-
Nominal current / cross section [A] / [mm ²]	41 / 6	-	-
General data	Stripping length [mm] 12		
	Tightening torque [Nm] 1.2 - 1.4		



50 A, test disconnect terminal block, 4 jumper shafts, 2 screw bridge shafts

RA

Technical data

Dimensions	Width	Length	Height NS 35/7,5
	8.2	105.2	53
Dimensions	Width	Length	Height NS 32
	8.2	105.2	58
Max. electrical data	I _{max} [A]	U _{max} [V]	max. Ø [mm ²] AWG (UL)
	50	1000	0.2 - 10 20-8
Rated data	IEC 60947-7-1 IEC	UL	CSA IEC/EN 60079-7
Rated voltage [V]	1000	600	-
Nominal current / cross section [A] / [mm ²]	41 / 6	50	-
General data	Stripping length [mm] 12		
	Tightening torque [Nm] 1.5 - 1.8		

Ordering data

Description	No. of pos.	Color	Type	I _{max}	Order No.	Pcs. / Pkt.
Terminal block		gray	UT 6-T-HV		3070134	50
With test socket screws		gray	UT 6-T-HV P/P		3070121	50
Feed-through terminal block		gray				

Accessories

Description	No. of pos.	Color	D-UT 6-T-HV	I _{max}	Order No.	Pcs. / Pkt.
Cover, width 2.2 mm		gray			3070147	50
Jumper						
	2	red	FBS 2-8	41 A	3030284	10
	3	red	FBS 3-8	41 A	3030297	10
	4	red	FBS 4-8	41 A	3030307	10
	5	red	FBS 5-8	41 A	3030310	10
	10	red	FBS 10-8	41 A	3030323	10
Pre-assembled bridge, labeled						
3-pos., positions 1, 3	3	red	FBS 1/3-8	24 A	3032363	10
4-pos., positions 1, 4	4	red	FBS 1/4-8	24 A	3032376	10
5-pos., positions 1, 5	5	red	FBS 1/5-8	24 A	3032381	10
5-pos., positions 1, 3, 5	5	red	FBS 1/3/5-8	24 A	3032389	10
10-pos., positions 1, 4, 7, 10	10	red	FBS 1/4/7/10-8	24 A	3032402	10
Fixed bridge, 10-pos.	10	silver				
Isolator bridge bar, 10-pos.	10	silver				
Switching jumper						
	2	orange				
	3	orange				
	4	orange				
Switching jumper, plug-in						
	2	gray/orange	SB-MER 2-8	30 A	3000587	10
	3	gray/orange	SB-MER 3-8	30 A	3000588	10
	4	gray/orange	SB-MER 4-8	30 A	3000589	10
Test socket		silver				
Test adapter, plug-in						
		yellow	PAI-4-FIX YE		3032745	10
		green	PAI-4-FIX GN		3032758	10
		violet	PAI-4-FIX VT		3032761	10
		black	PAI-4-FIX BK		3032774	10
		blue	PAI-4-FIX BU		3032729	10
		violet	PAI-4-FIX VT		3032761	10
		black	PAI-4-FIX BK		3032774	10
		brown	PAI-4-FIX BN		3032787	10
		gray	PAI-4-FIX GY		3032790	10
Test adapter, screw-in						
		yellow	PSBJ 6-T YE		3070326	10
		green	PSBJ 6-T GN		3070327	10
		violet	PSBJ 6-T VT		3070328	10
		black	PSBJ 6-T BK		3070318	10
		blue	PSBJ 6-T BU		3070329	10
		red	PSBJ 6-T RD		3070319	10

Ordering data

Description	No. of pos.	Color	Type	I _{max}	Order No.	Pcs. / Pkt.
Terminal block		gray	UT 6-T/SP		3072815	50
Feed-through terminal block		gray	UTD 6/SP		3072817	50

Accessories

Description	No. of pos.	Color	D-UT 6-T/SP	I _{max}	Order No.	Pcs. / Pkt.
Cover, width 2.2 mm		gray			3072816	50
Jumper						
	2	red	FBS 2-8	41 A	3030284	10
	3	red	FBS 3-8	41 A	3030297	10
	4	red	FBS 4-8	41 A	3030307	10
	5	red	FBS 5-8	41 A	3030310	10
	10	red	FBS 10-8	41 A	3030323	10
Pre-assembled bridge, labeled						
3-pos., positions 1, 3	3	red	FBS 1/3-8	24 A	3032363	10
4-pos., positions 1, 4	4	red	FBS 1/4-8	24 A	3032376	10
5-pos., positions 1, 5	5	red	FBS 1/5-8	24 A	3032381	10
5-pos., positions 1, 3, 5	5	red	FBS 1/3/5-8	24 A	3032389	10
10-pos., positions 1, 4, 7, 10	10	red	FBS 1/4/7/10-8	24 A	3032402	10
Fixed bridge, 10-pos.	10	silver	SCBI 10-8,15		3245134	10
Isolator bridge bar, 10-pos.	10	silver	SCBI 10-8,15 ISO		3000417	10
Switching jumper						
	2	orange	SB 6-T 2-8	32 A	3075842	10
	3	orange	SB 6-T 3-8	32 A	3075843	10
	4	orange	SB 6-T 4-8	32 A	3075844	10
Switching jumper, plug-in						
	2	gray/orange	SB-MER 2-8	25 A	3000587	10
	3	gray/orange	SB-MER 3-8	25 A	3000588	10
	4	gray/orange	SB-MER 4-8	25 A	3000589	10
Test socket		silver	TPS 3/20/5		3246586	10
Test adapter, plug-in						
		yellow	PAI-4-FIX YE		3032745	10
		green	PAI-4-FIX GN		3032758	10
		violet	PAI-4-FIX VT		3032761	10
		black	PAI-4-FIX BK		3032774	10
		blue	PAI-4-FIX BU		3032729	10
		violet	PAI-4-FIX VT		3032761	10
		black	PAI-4-FIX BK		3032774	10
		brown	PAI-4-FIX BN		3032787	10
		gray	PAI-4-FIX GY		3032790	10
Test adapter, screw-in						
		yellow	PSBJ 6-T YE		3070326	10
		green	PSBJ 6-T GN		3070327	10
		violet	PSBJ 6-T VT		3070328	10
		black	PSBJ 6-T BK		3070318	10
		blue	PSBJ 6-T BU		3070329	10
		red	PSBJ 6-T RD		3070319	10

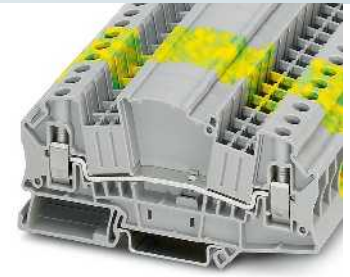
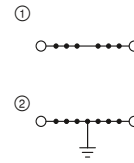
Test disconnect terminal blocks

Notes:

- 1) For additional accessories and technical data, see page 52.
- For corresponding terminal strip covers, see Catalog 5.



30 A, test disconnect terminal block



41 A, feed-through terminal block and ground terminal, same shape



Technical data ¹⁾			
Width	Length	Height	
8.2	100.8	49.6 (NS 35/7,5)	
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
30	500	0.2 - 10	24-8
41 (FBS) / 32 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	600	600	-
Nominal current / cross section [A] / [mm ²]			
30 / 6	30 / -	30 / -	-

Ordering data		
Type	Order No.	Pcs. / Pkt.
UTME 6	3047400	50

Accessories ¹⁾		
D-UTME 6	Order No.	Pcs. / Pkt.
D-UTME 6	3047426	10



Technical data ¹⁾			
Width	Length	Height	
8.2	100.8	49.6 (NS 35/7,5)	
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
41	500	0.2 - 10	24-8
41 (FBS) / 32 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	600	600	-
Nominal current / cross section [A] / [mm ²]			
41 / 6	30 / -	30 / -	-

Ordering data		
Type	Order No.	Pcs. / Pkt.
UTMED 6	3047413	50
UTMED 6-PE	3047442	50

Accessories ¹⁾		
D-UTME 6	Order No.	Pcs. / Pkt.
D-UTME 6	3047426	10

Dimensions	
	[mm]
Max. electrical data	
Max. bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
30 / 6	30 / -

Description	Color
Test disconnect terminal block	gray
Ground terminal	green-yellow

Description	Color
Cover, width 2.2 mm	gray

Supplementary accessories for UTME 6 test disconnect terminal blocks



- Only two UTME 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 FBS... jumper 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

Description	No. of pos.	Color
Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft	1	orange
	1	yellow
	1	green
	1	violet
	1	black
	1	blue
	1	red
	1	gray
	1	brown
	1	white
Switching lock, plug-in	2	gray/orange
Switching jumper, plug-in	3	gray/orange
	4	gray/orange
Operating lever, for actuating test disconnect terminal blocks	2	orange
	3	orange

Ordering data		
Type	Order No.	Pcs. / Pkt.
PAI-4-FIX-5/6 OG	3035974	10
PAI-4-FIX-5/6 YE	3035977	10
PAI-4-FIX-5/6 GN	3035978	10
PAI-4-FIX-5/6 VT	3035979	10
PAI-4-FIX-5/6 BK	3035980	10
PAI-4-FIX-5/6 BU	3035975	10
PAI-4-FIX-5/6 RD	3035976	10
PAI-4-FIX-5/6 GY	3035982	10
PAI-4-FIX-5/6 BN	3035981	10
S-ME 6	3034439	10
SB-ME 2-8	3034468	10
SB-ME 3-8	3032800	10
SB-ME 4-8	3034484	10
C-ME 6/1	3034441	10
C-ME 6/2	3034442	10
C-ME 6/3	3034390	50

Terminal blocks - CLIPLINE complete

6 mm² UT... screw connection terminal blocks

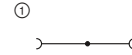
Installation terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 52.

Assembly instruction:

In order to securely fix the neutral busbar in place, support brackets must be placed at the beginning and end of each terminal strip as well as every 20 cm on longer terminal strips. The corresponding support brackets can be found at phoenixcontact.net/products



41 A, neutral disconnect terminal block

ERC

		Technical data ¹⁾			
Dimensions		Width	Length	Height	
	[mm]	8.2	55	47.5 (NS 35/7,5)	
Max. electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. \varnothing [mm ²]	AWG (UL)
		41	400	0.2 - 10	-
Max. bridge current	[A]	41 (FBS) / 32 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	400	-	-	-
Nominal current / cross section	[A] / [mm ²]	41 / 6	-	-	-
		Ordering data			
Description	Color	Type	Order No.	Pcs. / Pkt.	
Terminal block	blue	UTN 6	3245037	50	
		Accessories ¹⁾			
Cover, width 2.2 mm	blue	D-UTN 2,5/10	3245079	50	
Support bracket	blue	AB-UTN 2,5/10	3245082	50	

Terminal blocks - CLIPLINE complete

10 mm² UT... screw connection terminal blocks

General technical data for 10 mm² UT... screw connection terminal blocks

Rated data		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm ²]	10			
Cross section range	AWG	20 - 6			
Connection capacity		solid	stranded	Ferrule	
1 conductor	[mm ²]	0.5 - 16	0.5 - 16	0.5 - 10	0.5 - 10
2 conductors (of the same type)	[mm ²]	0.5 - 4	0.5 - 4	0.5 - 2.5	-
2 stranded conductors with a TWIN ferrule	[mm ²]	-	-	-	0.5 - 6
General data					
Stripping length	[mm]	10			
Screw thread		M4			
Tightening torque	[Nm]	1.5 - 1.8			
Insulating material		PA			
Inflammability class according to UL 94		VO			

Note: additional or deviating data is documented for the product.

Notes:

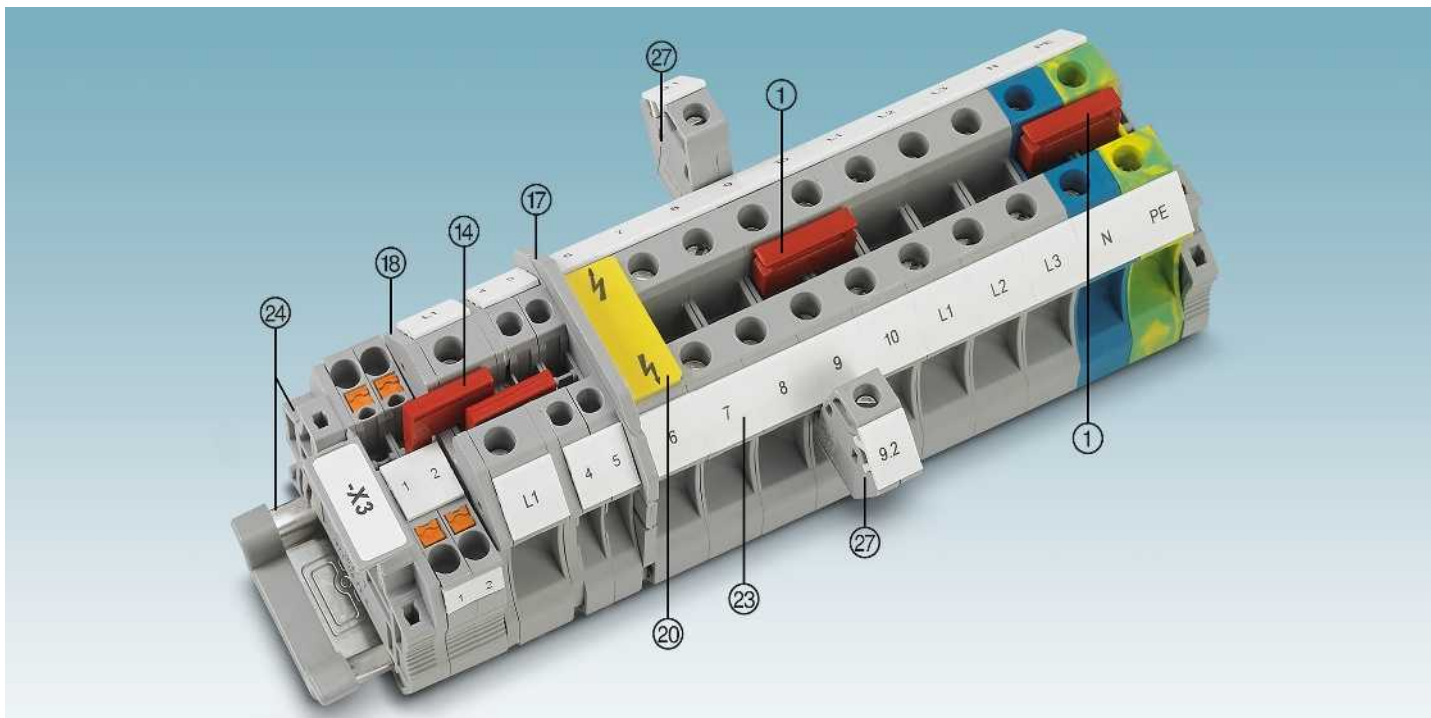


In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

1) The bridge current is documented for the respective product. For additional colors, see page 340.

System accessories for 10 mm² UT... screw connection terminal blocks



Description	Number of positions	Color	Type	Order No.	Pcs. / Pkt.	Type	Order No.	Pcs. / Pkt.
① Jumper ¹⁾	2	red	FBS 2-10	3005947	10			
	5	red	FBS 5-10	3005948	10			
② Tap-off terminal block		gray	AGK 4-UT 10	3047112	50			
Screwdriver			SZS 1,0X4,0 VDE	1205066	10			

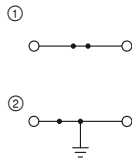
④ Reducing bridge	For RB ..., see page 344.
⑦ Partition plates/end cover segments	For ATP-... / DS-..., visit phoenixcontact.net/products
⑧ Cover	Documented for the product.
⑩ Warning labels	For WS ..., see page 353.
⑫ Lateral groove marking	UC-TM 10, UCT-TM 10 or ZB 10. See also Catalog 5, selection tables from page 100.
⑭ DIN rails and end brackets	See Catalog 5.
For full accessories, visit phoenixcontact.net/products	Note: additional or deviating accessories are documented for the product.

Feed-through terminal blocks and ground terminals

Notes:

1) For additional accessories and technical data, see page 60.

For information on installation and using accessories for Ex applications, see page 602.



76 A, feed-through terminal block and ground terminal



Ex: KEMA 04ATEX2048 U / IECEx KEM 06.0027U

Technical data¹⁾

Dimensions	Width	Length	Height
[mm]	10.2	47.7	47.5 (NS 35/7,5)
Max. electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm ²] AWG (UL)
	76	1000	0.5 - 16 20-6
Max. bridge current	57		
Rated data	IEC	UL / CUL	CSA Ex
Rated voltage	1000	600	600 690
Nominal current / cross section	57 / 10	65 / -	65 / - 54 / 10

Ordering data

Description	Color	Type	Order No.	Pcs. / Pkt.
Terminal block	gray	UT 10	① 3044160	50
	blue	UT 10 BU	① 3044188	50
Ground terminal	green-yellow	UT 10-PE	② 3044173	50
With screw foot	green-yellow	UT 10-PE/S	② 3215054	50

Accessories¹⁾

Accessories	Order No.	Pcs. / Pkt.
D-UT 2,5/10	3047028	50

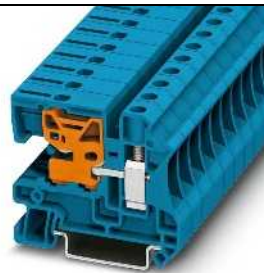
Installation terminal blocks

Notes:

1) For additional accessories and technical data, see page 60.

Assembly instruction:

In order to securely fix the neutral busbar in place, support brackets must be placed at the beginning and end of each terminal strip as well as every 20 cm on longer terminal strips. The corresponding support brackets can be found at phoenixcontact.net/products



57 A, neutral disconnect terminal block



Technical data¹⁾

Dimensions	Width	Length	Height
[mm]	10.2	55	47.5 (NS 35/7,5)
Max. electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm ²] AWG (UL)
	57	400	0.5 - 16 -
Max. bridge current	57		
Rated data	IEC	UL / CUL	CSA Ex
Rated voltage	400	-	- -
Nominal current / cross section	57 / 10	-	- -

Ordering data

Description	Color	Type	Order No.	Pcs. / Pkt.
Terminal block	blue	UTN 10	① 3245040	50

Accessories¹⁾

Accessories	Order No.	Pcs. / Pkt.
D-UTN 2,5/10	3245079	50
AB-UTN 2,5/10	3245082	50

Terminal blocks - CLIPLINE complete

16 mm² UT... screw connection terminal blocks

General technical data for 16 mm² UT... screw connection terminal blocks

Rated data		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm ²]	16			
Cross section range	AWG	16 - 4			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm ²]	1.5 - 25	1.5 - 25	1 - 16	1 - 16
2 conductors (of the same type)	[mm ²]	1 - 6	1 - 6	1 - 6	-
2 stranded conductors with a TWIN ferrule	[mm ²]	-	-	-	0.75 - 10
General data					
Stripping length	[mm]	14			
Screw thread		M5			
Tightening torque	[Nm]	2.5 - 3			
Insulating material		PA			
Inflammability class according to UL 94		V0			
Note: additional or deviating data is documented for the product.					

Notes:

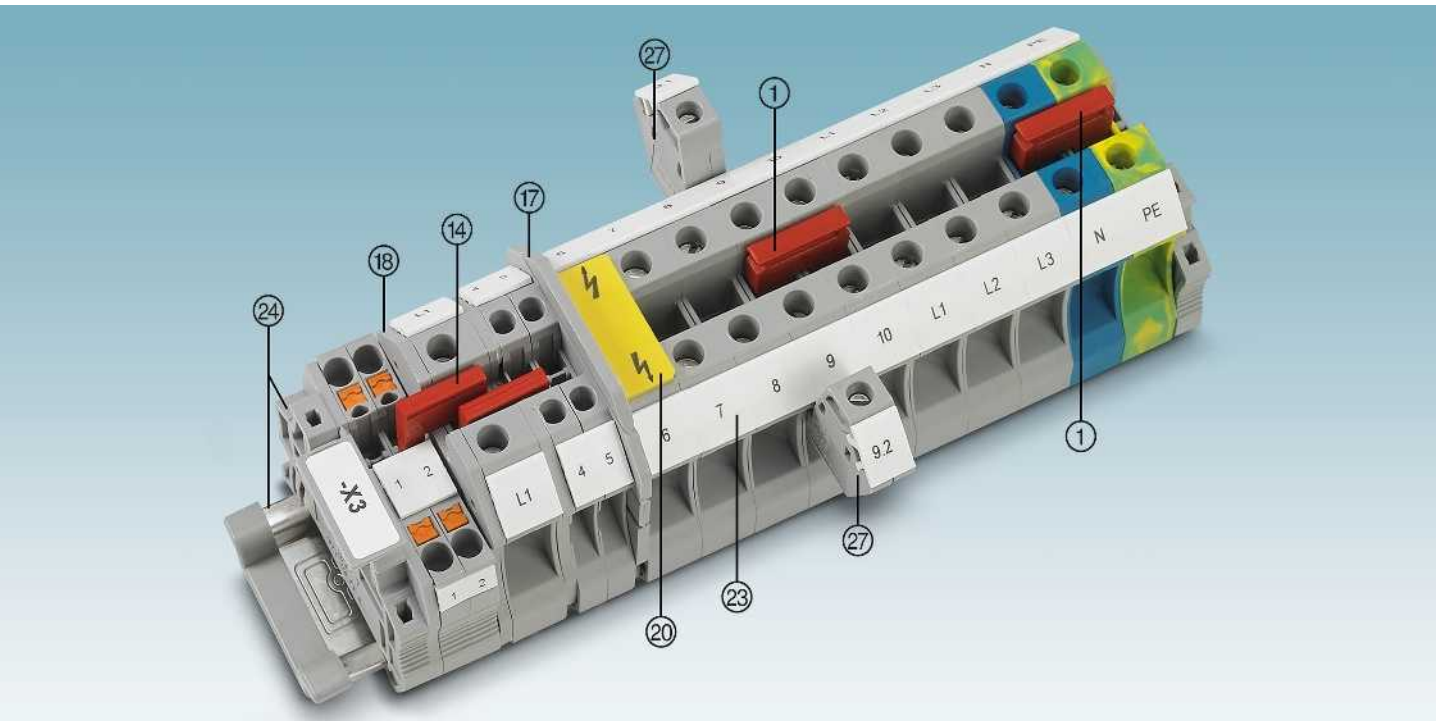


In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

¹⁾ The bridge current is documented for the respective product. For additional colors, see page 340.

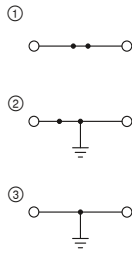
System accessories for 16 mm² UT... screw connection terminal blocks



Description	Number of positions	Color	Type	Order No.	Pcs. / Pkt.	Type	Order No.	Pcs. / Pkt.
① Jumper ¹⁾	2	red	FBS 2-12	3005950	10			
⑦ Tap-off terminal block Screwdriver		gray	AGK 4-UT 16 SZS 1,0X6,5 VDE	3047125 1205079	50 10			
⑭ Reducing bridge			For RB ..., see page 344.					
⑰ Partition plates/end cover segments			For ATP-... / DS-..., visit phoenixcontact.net/products					
⑱ Cover			Documented for the product.					
⑳ Warning labels			For WS ..., see page 353.					
㉑ Lateral groove marking			UC-TM 12, UCT-TM 12 or ZB 12. See also Catalog 5, selection tables from page 100.					
㉒ DIN rails and end brackets			See Catalog 5.					
For full accessories, visit phoenixcontact.net/products			Note: additional or deviating accessories are documented for the product.					

Feed-through terminal blocks and ground terminals

Notes:
 1) For additional accessories and technical data, see page 62.
 For information on installation and using accessories for Ex applications, see page 602.



101 A, feed-through terminal block and ground terminal



Ex: EAC Ex
 KEMA 04ATEX2048 U / IECEx KEM 06.0027U

Technical data¹⁾

Dimensions	Width	Length	Height
[mm]	12.2	55.5	55 (NS 35/7,5)
Max. electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²] AWG (UL)
	101	1000	1.5 - 25 16-4
Max. bridge current	76		
Rated data	IEC	UL / CUL	CSA Ex
Rated voltage	1000	600	600 690
Nominal current / cross section	76 / 16	85 / -	85 / - 73.5 / 16

Ordering data

Type	Order No.	Pcs. / Pkt.
UT 16	3044199	50
UT 16 BU	3044209	50
UT 16-PE	3044212	50
UT 16-PE/S	3215915	50

Accessories¹⁾

Type	Order No.	Pcs. / Pkt.
D-UT 16	3047206	50

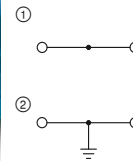
Description	Color
Terminal block	gray blue
Ground terminal	green-yellow green-yellow
With screw foot	green-yellow
Cover, width 2.2 mm	gray

Installation terminal blocks

Notes:
 1) For additional accessories and technical data, see page 62.
 Only the FBI 10-12 bridge (Order No. 0203454) can be used for UT1 16.
Assembly instruction:
 In order to securely fix the neutral busbar in place, support brackets must be placed at the beginning and end of each terminal strip as well as every 20 cm on longer terminal strips. The corresponding support brackets can be found at phoenixcontact.net/products



76 A, neutral disconnect terminal block



76 A, feed-through terminal block and ground terminal



Technical data¹⁾

Dimensions	Width	Length	Height
[mm]	12.2	55	50.5 (NS 35/7,5)
Max. electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²] AWG (UL)
	76	400	6 - 25 -
Max. bridge current	-		
Rated data	IEC	UL / CUL	CSA Ex
Rated voltage	400	-	-
Nominal current / cross section	76 / 16	-	-
Cross section range	10 - 4	-	-
Connection capacity	solid	stranded	Ferrule without/with plastic sleeve
1 conductor	6 - 25	6 - 16	6 - 16 6 - 16
2 conductors (of the same type)	2.5 - 10	2.5 - 6	4 - 6 -
General data	Stripping length	Inflammability class according to UL 94	
	12	V2	

Ordering data

Type	Order No.	Pcs. / Pkt.
UTN 16	3245053	50



Technical data¹⁾

Dimensions	Width	Length	Height
[mm]	12.2	51	50.5 (NS 35/7,5)
Max. electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²] AWG (UL)
	76	400	6 - 25 -
Max. bridge current	101		
Rated data	IEC	UL / CUL	CSA Ex
Rated voltage	400	-	-
Nominal current / cross section	76 / 16	-	-
Cross section range	10 - 4	-	-
Connection capacity	solid	stranded	Ferrule without/with plastic sleeve
1 conductor	6 - 25	6 - 16	6 - 16 6 - 16
2 conductors (of the same type)	2.5 - 10	2.5 - 6	4 - 6 -
General data	Stripping length	Inflammability class according to UL 94	
	12	V2	

Ordering data

Type	Order No.	Pcs. / Pkt.
UTI 16	3073827	50
UTI 16 BU	3075728	50
UTI 16-PE	3073830	50

Terminal blocks - CLIPLINE complete

35 mm² UT... screw connection terminal blocks

General technical data for 35 mm² UT... screw connection terminal blocks

Rated data		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm ²]	35			
Cross section range	AWG	16 - 1/0			
Connection capacity		solid	stranded	Ferrule	
1 conductor	[mm ²]	1.5 - 50	1.5 - 50	1.5 - 35	1.5 - 35
2 conductors (of the same type)	[mm ²]	1.5 - 16	1.5 - 10	1.5 - 10	-
2 stranded conductors with a TWIN ferrule	[mm ²]	-	-	-	1.5 - 16
General data					
Stripping length	[mm]	18			
Screw thread		M6			
Tightening torque	[Nm]	3.2 - 3.7			
Insulating material		PA			
Inflammability class according to UL 94		V0			

Note: additional or deviating data is documented for the product.

Notes:

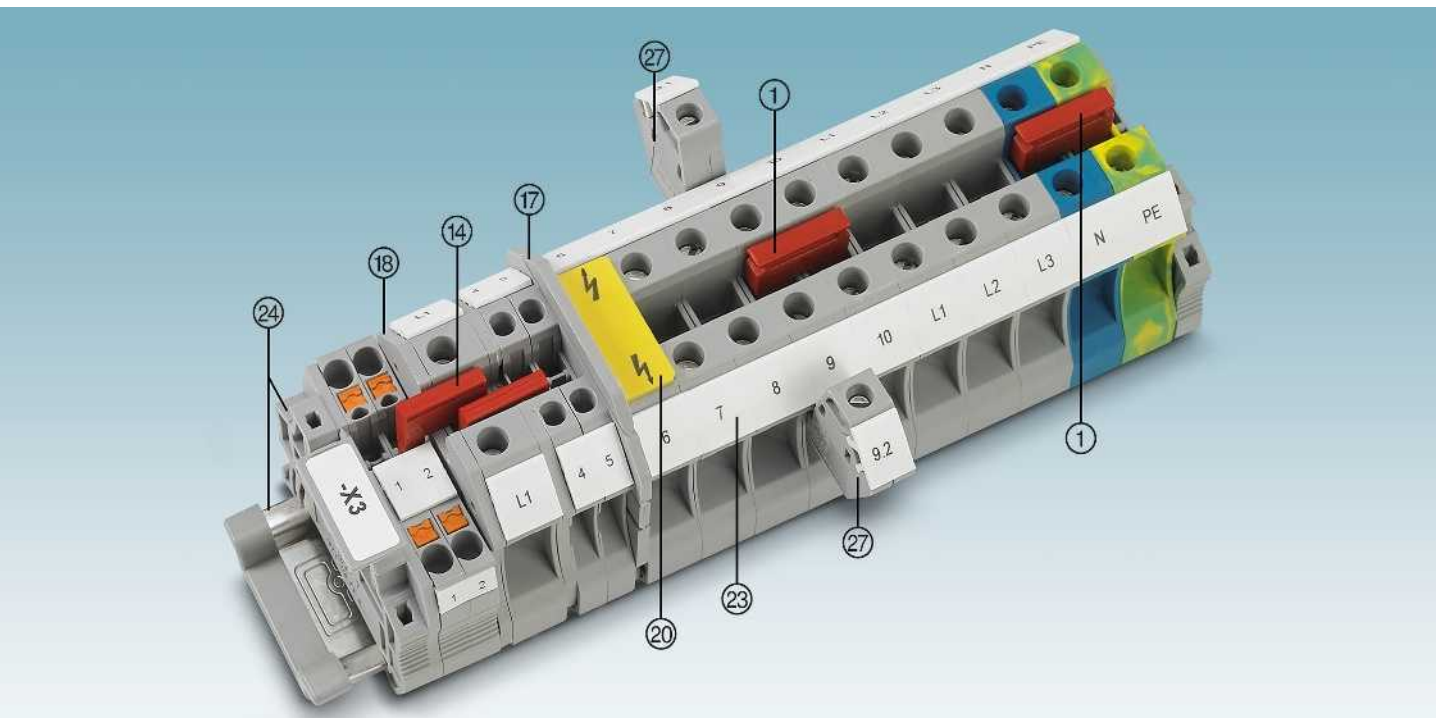


In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

1) The bridge current is documented for the respective product. For additional colors, see page 340.

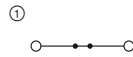
System accessories for 35 mm² UT... screw connection terminal blocks



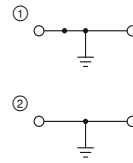
Description	Number of positions	Color	Type	Order No.	Pcs. / Pkt.	Type	Order No.	Pcs. / Pkt.
① Jumper ¹⁾	2	red	FBS 2-16	3005963	10			
② Tap-off terminal block		gray	AGK 4-UT 35	3047138	50			
③ Screwdriver			SZS 1,0X6,5 VDE	1205079	10			
④ Reducing bridge			For RB ..., see page 344.					
⑤ Partition plates/end cover segments			For ATP-... / DS-..., visit phoenixcontact.net/products					
⑥ Cover			Documented for the product.					
⑦ Warning labels			For WS ..., see page 353.					
⑧ Lateral groove marking			UC-TM 16, UCT-TM 16 or ZB 16,3. See also Catalog 5, selection tables from page 100.					
⑨ DIN rails and end brackets			See Catalog 5.					
For full accessories, visit phoenixcontact.net/products			Note: additional or deviating accessories are documented for the product.					

Feed-through terminal blocks and ground terminals

Notes:
 1) For additional accessories and technical data, see page 64.
 For information on installation and using accessories for Ex applications, see page 602.



150 A, feed-through terminal block



125 A, ground terminal



Ex: KEMA 04ATEX2048 U / IECEx KEM 06.0027U

Technical data ¹⁾				
Width	Length	Height		
16	60.2	65.7 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
150	1000	1.5 - 50	14-1/0	
Max. bridge current	101			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	1000	600	600	690
Nominal current / cross section	125 / 35	150 / -	150 / -	126 / 35
Cross section range	AWG 16 - 1/0	-	-	-
Connection capacity	solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	1.5 - 50	1.5 - 50	1.5 - 35	1.5 - 35

Ordering data			
Description	Color	Type	Order No.
Terminal block	gray	UT 35	3044225
Ground terminal	green-yellow	UT 35 BU	3044238
With screw foot	green-yellow		



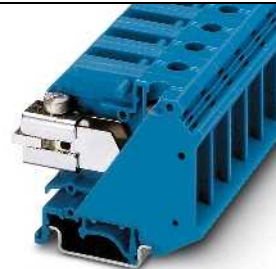
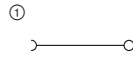
Ex: KEMA 04ATEX2048 U / IECEx KEM 06.0027U

Technical data ¹⁾				
Width	Length	Height		
16	60.2	65.7 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
125	800	1.5 - 35	14-2	
Max. bridge current	101			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	-	-	-	-
Nominal current / cross section	125 / 35	-	-	- / 35
Cross section range	AWG 16 - 2	-	-	-
Connection capacity	solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	1.5 - 35	1.5 - 35	1.5 - 35	1.5 - 35

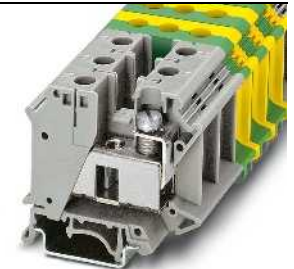
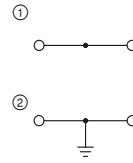
Ordering data			
Description	Color	Type	Order No.
Terminal block	gray	UT 35-PE	3044241
Ground terminal	green-yellow	UT 35-PE/S	3215928

Installation terminal blocks

Notes:
 1) For additional accessories and technical data, see page 64.
 Only FB I...-12 bridges can be used for UTI 35.
Assembly instruction:
 In order to securely fix the neutral busbar in place, support brackets must be placed at the beginning and end of each terminal strip as well as every 20 cm on longer terminal strips. The corresponding support brackets can be found at phoenixcontact.net/products



110 A, neutral disconnect terminal block



125 A, feed-through terminal block and ground terminal



Technical data ¹⁾				
Width	Length	Height		
15	55	51 (NS 35/7,5) / 56 (NS 32)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
110	400	0.75 - 35	-	
Max. bridge current	-			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	400	-	-	-
Nominal current / cross section	110 / 35	-	-	-
Cross section range	AWG 18 - 2	-	-	-
Connection capacity	solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	0.75 - 35	0.75 - 35	0.75 - 35	0.75 - 35
2 conductors (of the same type)	0.75 - 10	0.75 - 10	0.75 - 10	-
General data	Stripping length	Inflammability class according to UL 94		
	16	V2		

Ordering data			
Description	Color	Type	Order No.
Terminal block	gray	UTN 35	3245066
Ground terminal, closed	green-yellow		



Technical data ¹⁾				
Width	Length	Height		
15.2	55	51 (NS 35/7,5) / 56 (NS 32)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
125	800	0.75 - 35	-	
Max. bridge current	135			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	800	-	-	-
Nominal current / cross section	125 / 35	-	-	-
Cross section range	AWG 18 - 2	-	-	-
Connection capacity	solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	0.75 - 35	0.75 - 35	0.75 - 35	0.75 - 35
2 conductors (of the same type)	0.75 - 10	0.75 - 10	0.75 - 10	-
General data	Stripping length	Inflammability class according to UL 94		
	16	V2		

Ordering data			
Description	Color	Type	Order No.
Terminal block	gray	UTI 35	3074088
Ground terminal, closed	green-yellow	UTI 35 BU	3075731
		UTI 35-PE	3074091

Terminal blocks - CLIPLINE complete

50 mm² UKH... screw connection terminal blocks

General technical data for 50 mm² UKH... screw connection terminal blocks

Rated data		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm ²]	50			
Cross section range	AWG	6 - 2/0			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm ²]	16 - 70	25 - 70	25 - 50	25 - 50
2 conductors (of the same type)	[mm ²]	10 - 16	10 - 16	10 - 16	-
2 stranded conductors with a TWIN ferrule	[mm ²]	-	-	-	-
General data					
Stripping length	[mm]	24			
Screw thread		M6			
Tightening torque	[Nm]	6 - 8			
Insulating material		PA			
Inflammability class according to UL 94		VO			
Note: additional or deviating data is documented for the product.					

Notes:

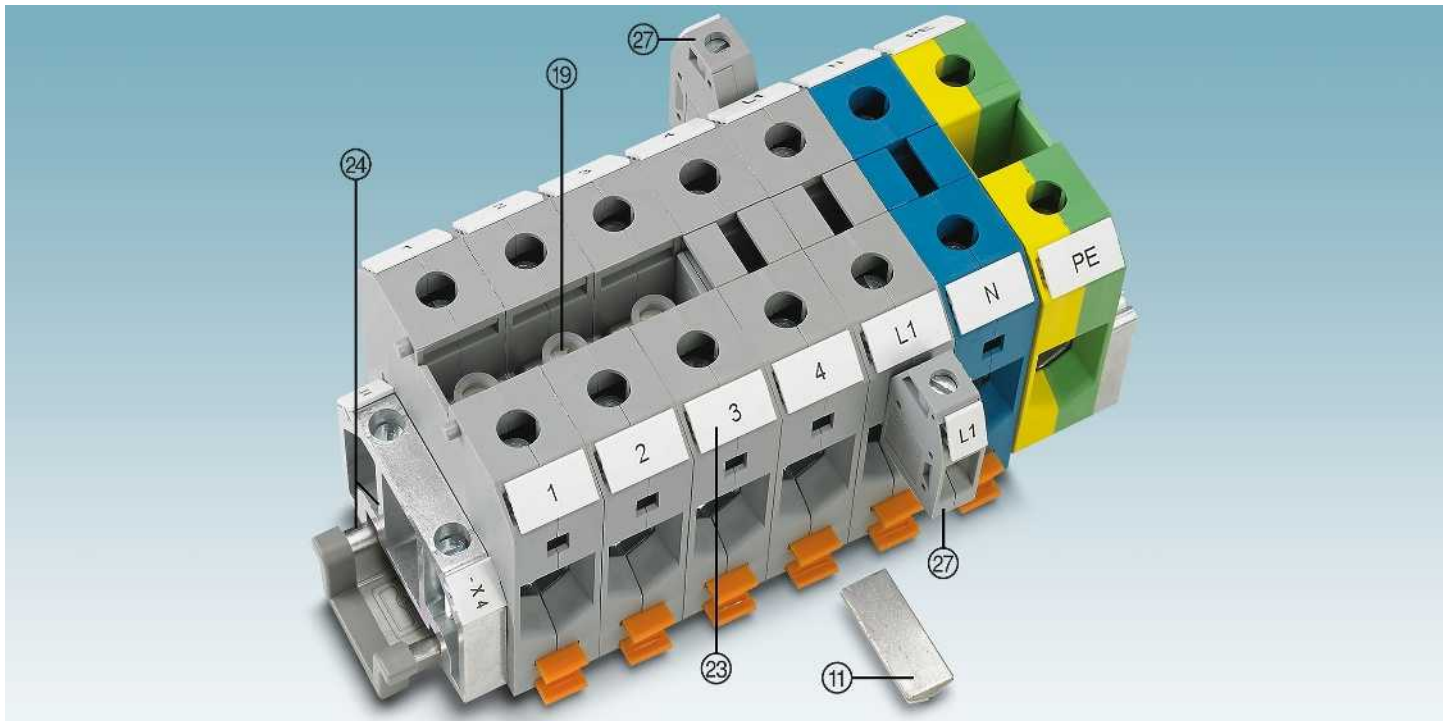


In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

¹⁾ The bridge current is documented for the respective product. For additional colors, see page 340.

System accessories for 50 mm² UKH... screw connection terminal blocks



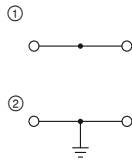
Description	Number of positions	Color	Type	Order No.	Pcs. / Pkt.	Type	Order No.	Pcs. / Pkt.
Ⓣ Fixed bridge ¹⁾	2	silver	FBI 2-20	0201346	10			
	3	silver	FBI 3-20	0201317	10			
Ⓢ Insertion profile for flat conductor connection, see page 496		silver	UKH 50 EP	3009228	10			
Ⓣ Tap-off terminal block		gray	AGK 10-UKH 50	3001763	10			
Screwdriver			SZS 1,2X8,0 VDE	1205082	10			
Ⓢ Lateral groove marking			UC-TM 10, UCT-TM 10 or ZB 10. See also Catalog 5, selection tables from page 100.					
Ⓢ DIN rails and end brackets			See Catalog 5.					
For full accessories, visit phoenixcontact.net/products			Note: additional or deviating accessories are documented for the product.					

High-current terminal blocks

Notes:

1) For additional accessories and technical data, see page 66.

For information on installation and using accessories for Ex applications, see page 602.



150 A, feed-through terminal block



150 A, terminal block bases

Ex:

 KEMA 98ATEX1786U / IECEx KEM 06.0029U

Technical data¹⁾

Dimensions	[mm]
Width	20
Length	75.5
Height	83.5 (NS 35/15) / 81 (NS 32)

Max. electrical data	[A]
Max. bridge current	150
Rated data	150
Rated voltage	1000
Nominal current / cross section	150 / 50

Width	Length	Height
20	75.5	83.5 (NS 35/15) / 81 (NS 32)

I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
150	1000	16 - 70	6-1/0

IEC	UL / CUL	CSA	Ex
1000	600	600	690
150 / 50	150 / -	150 / -	133 / 50

Ordering data

Description	Color
Terminal block	gray
	blue
Ground terminal	green-yellow
Terminal block base, 3 x gray	gray
3 x gray, 1 x blue	gray/blue
3 x gray, 1 x black-yellow	gray/black-yellow
3 x gray, 1 x blue, 1 x black-yellow	gray/blue/black-yellow

Type	Order No.	Pcs. / Pkt.
UKH 50	3009118	10
UKH 50 BU	3009105	10
USLKG 50	0443049	10

ERC

Technical data¹⁾

Width	Length	Height
60	75.5	83.5 (NS 35/15) / 81 (NS 32)

I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
150	1000	16 - 70	-

IEC	UL / CUL	CSA	Ex
1000	-	-	-
150 / 50	-	-	-

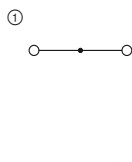
Ordering data

Type	Order No.	Pcs. / Pkt.
UKH 50-3L	3076634	3
UKH 50-3L/N	3076635	2
UKH 50-3L/FE	3076636	2
UKH 50-3L/N/FE	3076637	2

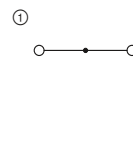
High-current terminal blocks for direct mounting

Notes:

1) For additional accessories and technical data, see page 66.



150 A, feed-through terminal block for direct mounting



150 A, terminal block base for direct mounting

ERC

Technical data¹⁾

Dimensions	[mm]
Width	20
Length	103.4
Height	76

Max. electrical data	[A]
Max. bridge current	150
Rated data	150
Rated voltage	1000
Nominal current / cross section	150 / 50

Width	Length	Height
20	103.4	76

I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
150	1000	16 - 70	-

IEC	UL / CUL	CSA	Ex
1000	-	-	-
150 / 50	-	-	-

Ordering data

Description	Color
Terminal block, for direct mounting	gray
Terminal block base, for direct mounting, 3 x gray	gray
3 x gray, 1 x blue	gray/blue
3 x gray, 1 x black-yellow	gray/black-yellow
3 x gray, 1 x blue, 1 x black-yellow	gray/blue/black-yellow

Type	Order No.	Pcs. / Pkt.
UKH 50-F	3247019	10

ERC

Technical data¹⁾

Width	Length	Height
60	103.4	76

I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
150	1000	16 - 70	-

IEC	UL / CUL	CSA	Ex
1000	-	-	-
150 / 50	-	-	-

Ordering data

Type	Order No.	Pcs. / Pkt.
UKH 50-3L-F	3076638	3
UKH 50-3L/N-F	3076639	2
UKH 50-3L/FE-F	3076640	3
UKH 50-3L/N/FE-F	3076641	2

Terminal blocks - CLIPLINE complete

70 mm² UKH... screw connection terminal blocks

General technical data for 70 mm² UKH... screw connection terminal blocks

Rated data		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm ²]	70			
Cross section range	AWG	4 - 3/0			
Connection capacity		solid	stranded	Ferrule	
1 conductor	[mm ²]	16 - 95	25 - 70	16 - 70	16 - 70
2 conductors (of the same type)	[mm ²]	16 - 25	16 - 25	16 - 25	-
2 stranded conductors with a TWIN ferrule	[mm ²]	-	-	-	-
General data					
Stripping length	[mm]	24			
Screw thread		M8			
Tightening torque	[Nm]	8 - 10			
Insulating material		PA			
Inflammability class according to UL 94		VO			

Note: additional or deviating data is documented for the product.

Notes:

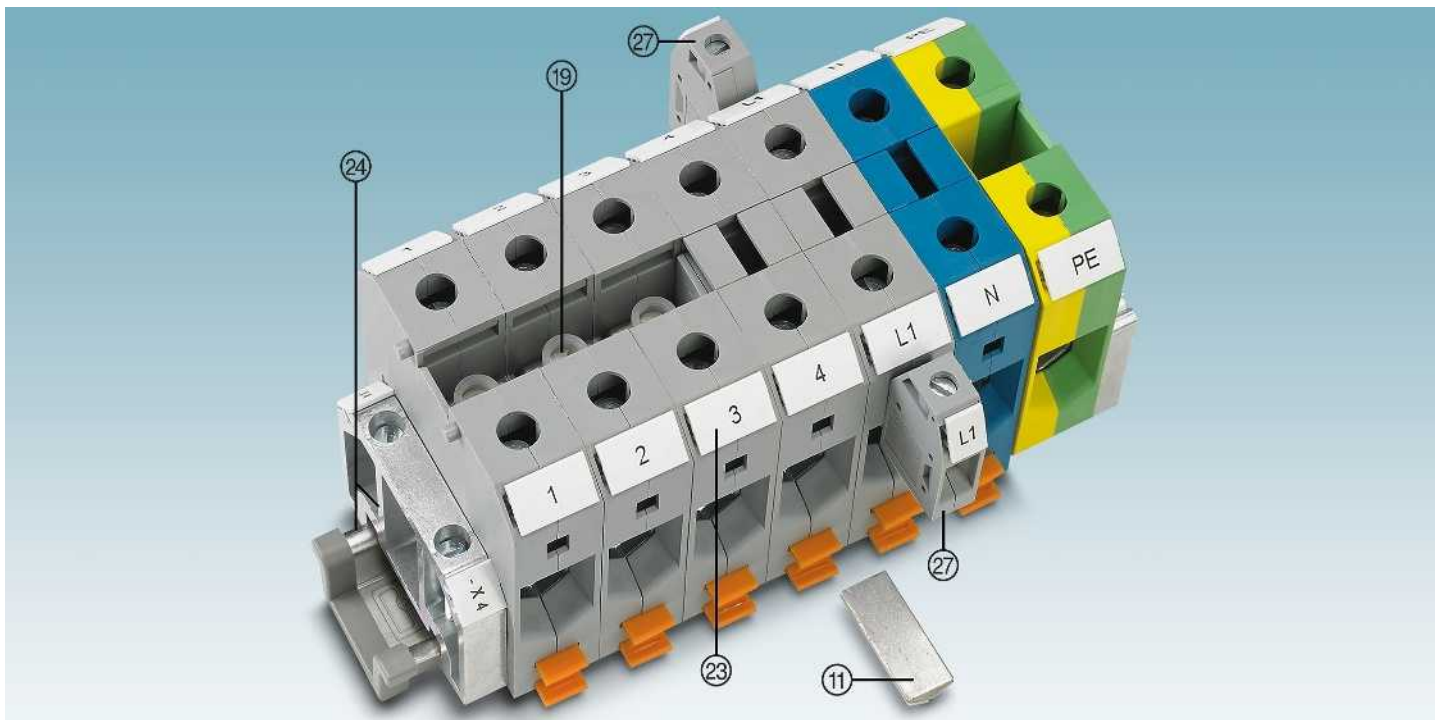


In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

1) The bridge current is documented for the respective product. For additional colors, see page 340.

System accessories for 70 mm² UKH... screw connection terminal blocks



Description	Number of positions	Color	Type	Order No.	Pcs. / Pkt.	Type	Order No.	Pcs. / Pkt.
Ⓜ Fixed bridge ¹⁾	2	silver	FBI 2-20 N	3213195	10			
	3	silver	FBI 3-20 N	3213205	10			
		silver	UKH 50 EP	3009228	10			
Ⓜ Insertion profile for flat conductor connection, see page 496								
Ⓜ Tap-off terminal block		gray	AGK 10-UKH 50	3001763	10			
Allen key			VDE-ISS 6	1201934	1			

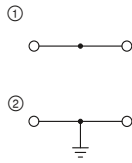
Ⓜ Lateral groove marking	UC-TM 10, UCT-TM 10 or ZB 10. See also Catalog 5, selection tables from page 100.
Ⓜ DIN rails and end brackets	See Catalog 5.
For full accessories, visit phoenixcontact.net/products	Note: additional or deviating accessories are documented for the product.

High-current terminal blocks

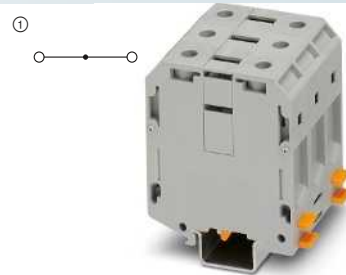
Notes:

1) For additional accessories and technical data, see page 68.

For information on installation and using accessories for Ex applications, see page 602.



192 A, feed-through terminal block



192 A, terminal block bases



Ex: SEV12ATEX0168U / IECEx SEV12.0008U

Technical data¹⁾

Width	Length	Height		
20.3	70.5	80 (NS 35/7,5) / 85 (NS 32)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
192	1000	16 - 95	6-3/0	
192				
IEC	UL / CUL	CSA	Ex	
1000	1000	1000	880	
192 / 70	192 / -	192 / -	180 / 70	

Ordering data

Type	Order No.	Pcs. / Pkt.
UKH 70	3213140	10
UKH 70 BU	3244601	10
UKH 70-PE/S	3213141	10

ERC

Technical data¹⁾

Width	Length	Height		
60.9	70.5	87.5 (NS 35/15) / 85 (NS 32)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
192	1000	16 - 95	-	
192				
IEC	UL / CUL	CSA	Ex	
1000	-	-	-	
192 / 70	-	-	-	

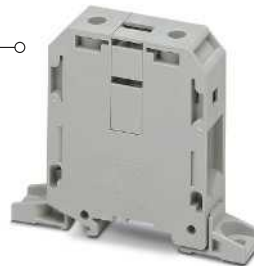
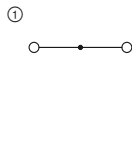
Ordering data

Type	Order No.	Pcs. / Pkt.
UKH 70-3L	3076329	4
UKH 70-3L/N	3076361	3
UKH 70-3L/FE	3076400	3
UKH 70-3L/N/FE	3076442	2

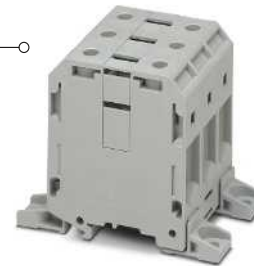
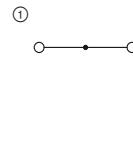
High-current terminal blocks for direct mounting

Notes:

1) For additional accessories and technical data, see page 68.



192 A, feed-through terminal block for direct mounting



192 A, terminal block bases for direct mounting

ERC

Technical data¹⁾

Width	Length	Height		
20.3	103.4	80		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
192	1000	16 - 95	-	
192				
IEC	UL / CUL	CSA	Ex	
1000	-	-	-	
192 / 70	-	-	-	

Ordering data

Type	Order No.	Pcs. / Pkt.
UKH 70-F	3247051	10

ERC

Technical data¹⁾

Width	Length	Height		
60.9	103.4	80		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
192	1000	16 - 95	-	
192				
IEC	UL / CUL	CSA	Ex	
1000	-	-	-	
192 / 70	-	-	-	

Ordering data

Type	Order No.	Pcs. / Pkt.
UKH 70-3L-F	3076484	4
UKH 70-3L/N-F	3076523	3
UKH 70-3L/FE-F	3076565	3
UKH 70-3L/N/FE-F	3076604	2

Terminal blocks - CLIPLINE complete

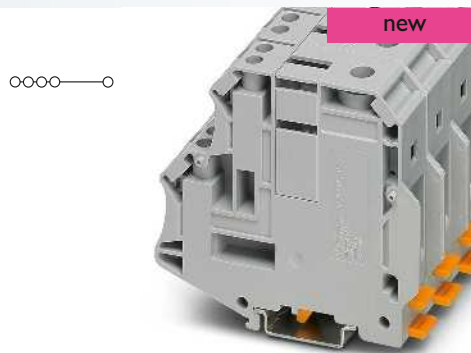
70 mm² UKH... screw connection terminal blocks

High-current terminal blocks

Notes:
For additional accessories and technical data, see page 68



- Compact high-current terminal blocks with 1500 V nominal voltage
- For use in renewable power generation - specifically in photovoltaics
- Four integrated pick-off terminal blocks with a 10 mm² cross section for a simple power supply or potential distribution
- Compact, space-saving design
- Bridgeable with screw-type bridges for easy potential distribution
- Large-surface marking options



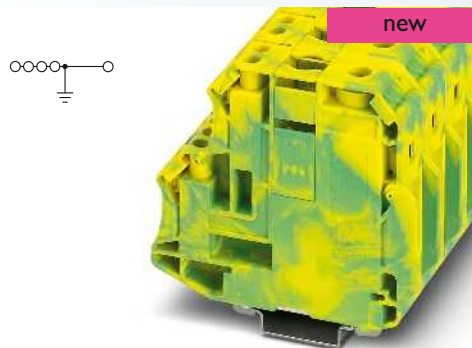
192 A, power terminal, 4 x 10 mm² outlets

Dimensions		[mm]
Dimensions		[mm]
Dimensions		[mm]
Max. electrical data		[mm]
Rated data		
Rated voltage	[V]	1500
Nominal current / cross section	[A] / [mm ²]	192 / -
Rated cross section	[mm ²]	70
Cross section range	AWG	4 - 3/0
Supply connection capacity		
1 conductor	[mm ²]	16 - 95
2 conductors (of the same type)	[mm ²]	16 - 25
Branch connection capacity		
1 conductor	[mm ²]	1.5 - 16
2 conductors (of the same type)	[mm ²]	0.5 - 4

Technical data			
Width	Length	Height NS 35/7,5	
20.3	88.6	80	
Width	Length	Height NS 35/15	
20.3	88.6	87.5	
Width	Length	Height NS 32	
20.3	88.6	85	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
192	1500	16 - 95	-
IEC 60947-7-1			
IEC	UL	CSA	IEC/EN 60079-7
Rated voltage	[V]	-	-
Nominal current / cross section	[A] / [mm ²]	- / -	- / -
Rated cross section	[mm ²]	-	-
Cross section range	AWG	-	-
Supply connection capacity		Ferrule	
	solid	stranded	without/with plastic sleeve
1 conductor	[mm ²]	16 - 95	25 - 70
2 conductors (of the same type)	[mm ²]	16 - 25	16 - 25
Branch connection capacity		Ferrule	
	solid	stranded	without/with plastic sleeve
1 conductor	[mm ²]	1.5 - 16	0.5 - 16
2 conductors (of the same type)	[mm ²]	0.5 - 4	0.5 - 4

Description	Color
Terminal block	gray blue
Ground terminal	green/yellow

Ordering data		
Type	Order No.	Pcs. / Pkt.
UKH 70/4X10	3213142	10
UKH 70/4X10 BU	3213143	10



192 A, ground terminal, 4 x 10 mm² outlets

Technical data

Width	Length	Height NS 35/7,5	
20.3	88.6	80	
Width	Length	Height NS 35/15	
20.3	88.6	87.5	
Width	Length	Height NS 32	
20.3	88.6	85	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
192	1000	16 - 95	-
IEC 60947-7-2			
IEC	UL	CSA	IEC/ EN 60079-7
1000	-	-	-
192 / 70	- / -	- / -	-
70	-	-	-
4 - 3/0	-	-	-
solid	stranded	Ferrule	
		without/with plastic sleeve	
16 - 95	25 - 70	16 - 70	16 - 70
16 - 25	16 - 25	16 - 25	-
solid	stranded	Ferrule	
		without/with plastic sleeve	
1.5 - 16	0.5 - 16	0.5 - 10	0.5 - 10
0.5 - 4	0.5 - 4	0.5 - 2.5	-

Ordering data

Type	Order No.	Pcs. / Pkt.
UKH 70/4X10-PE	3213144	10

Terminal blocks - CLIPLINE complete

95 mm² UKH... screw connection terminal blocks

General technical data for 95 mm² UKH... screw connection terminal blocks

Rated data		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm ²]	95			
Cross section range	AWG	4 - 3/0			
Connection capacity		solid	stranded	Ferrule	
				without	with plastic sleeve
1 conductor	[mm ²]	25 - 95	35 - 95	35 - 95	35 - 95
2 conductors (of the same type)	[mm ²]	25 - 35	25 - 35	16 - 35	-
2 stranded conductors with a TWIN ferrule	[mm ²]	-	-	-	-
Max. cross section with insertion bridge	[mm ²]	95	70	-	-
General data					
Stripping length	[mm]	33			
Screw thread		M8			
Tightening torque	[Nm]	15 - 20			
Insulating material		PA			
Inflammability class according to UL 94		V0			

Note: additional or deviating data is documented for the product.

Notes:

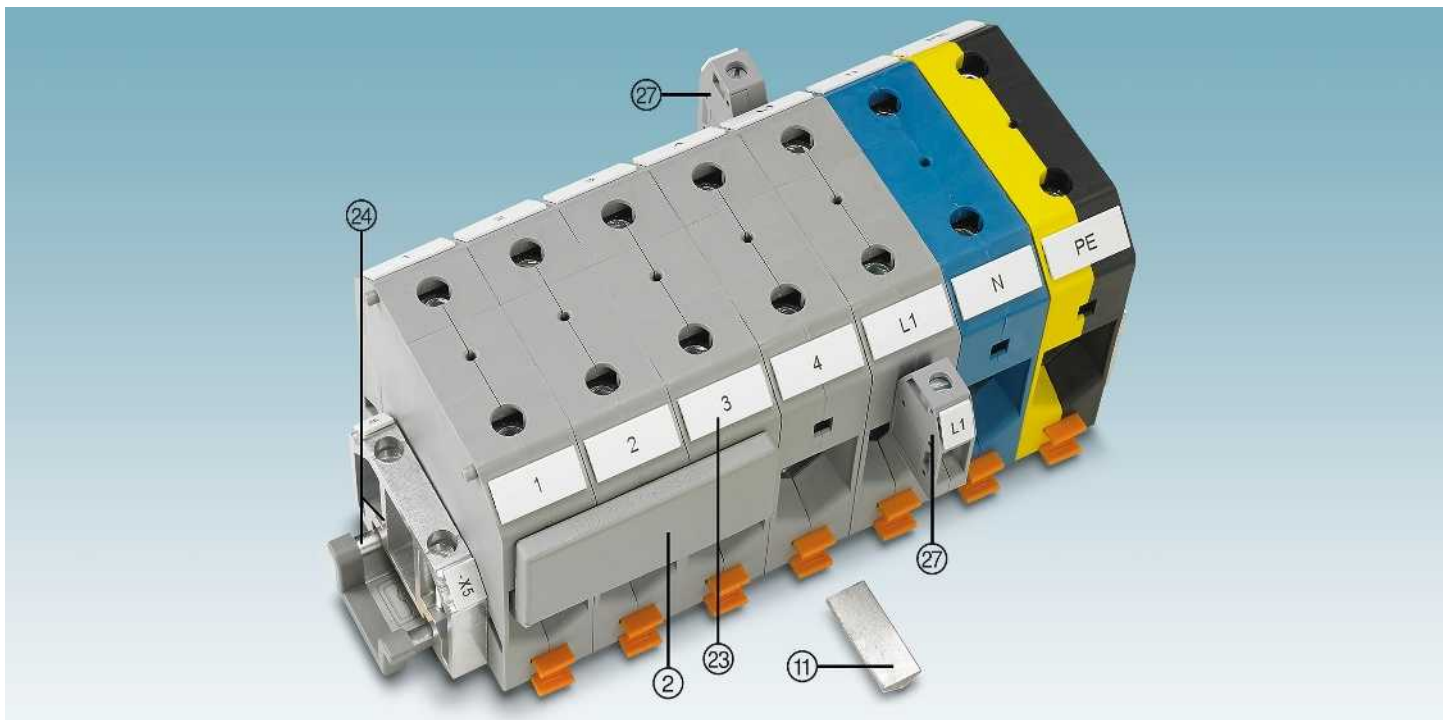


In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

¹⁾ The bridge current is documented for the respective product. For additional colors, see page 340.

System accessories for 95 mm² UKH... screw connection terminal blocks

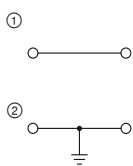


Description	Number of positions	Color	Type	Order No.	Pcs. / Pkt.	Type	Order No.	Pcs. / Pkt.
② Insertion bridge ¹⁾	2	gray	EB 2-25/UKH	0201362	10			
	3	gray	EB 3-25/UKH	0201375	10			
		silver	UKH 95 EP	3009231	10			
⑪ Insertion profile for flat conductor connection, see page 496.								
② Tap-off terminal block		gray	AGK 10-UKH 95	3003541	10			
Allen key			VDE-ISS 6	1201934	1			

② Lateral groove marking	UC-TM 10, UCT-TM 10 or ZB 10. See also Catalog 5, selection tables from page 100.
② DIN rails and end brackets	See Catalog 5.
For full accessories, visit phoenixcontact.net/products	Note: additional or deviating accessories are documented for the product.

High-current terminal blocks

Notes:
 1) For additional accessories and technical data, see page 72.
 For information on installation and using accessories for Ex applications, see page 602.



232 A, feed-through terminal block



232 A, terminal block base

Ex:

 KEMA 98ATEX1786U / IECEx KEM 06.0029U

Dimensions	
	[mm]
Max. electrical data	
Max. bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]

Technical data ¹⁾			
Width	Length	Height	
25	83	97.5 (NS 35/15) / 95 (NS 32)	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
232	1000	25 - 95	2-4/0
IEC	UL / CUL	CSA	Ex
1000	600	600	880
232 / 95	230 / -	200 / -	216 / 95

Technical data ¹⁾			
Width	Length	Height	
75	82.8	97.5 (NS 35/15) / 95 (NS 32)	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
232	1000	25 - 95	2-4/0
IEC	UL / CUL	CSA	Ex
1000	600	-	-
232 / 95	230 / -	-	-

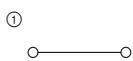
Description	Color
Terminal block	gray
	blue
Ground terminal	green-yellow
Terminal block base, 3 x gray	gray
3 x gray, 1 x blue	gray/blue
3 x gray, 1 x black-yellow	gray/black-yellow
3 x gray, 1 x blue, 1 x black-yellow	gray/blue/black-yellow

Ordering data			
Type	Order No.	Pcs. / Pkt.	
UKH 95	① 3010013	3	
UKH 95 BU	① 3010136	3	
USLKG 95	② 0441041	10	

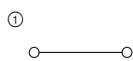
Ordering data			
Type	Order No.	Pcs. / Pkt.	
UKH 95-3L	① 3076332	3	
UKH 95-3L/N	① 3076374	2	
UKH 95-3L/FE	① 3076413	2	
UKH 95-3L/N/FE	① 3076455	2	

High-current terminal blocks for direct mounting

Notes:
 1) For additional accessories and technical data, see page 72.



232 A, feed-through terminal block for direct mounting



232 A, terminal block bases for direct mounting

Dimensions	
	[mm]
Max. electrical data	
Max. bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]

Technical data ¹⁾			
Width	Length	Height	
25	118.8	90	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
232	1000	25 - 95	2-4/0
IEC	UL / CUL	CSA	Ex
1000	600	-	-
232 / 95	230 / -	-	-

Technical data ¹⁾			
Width	Length	Height	
75	118.8	90	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
232	1000	25 - 95	-
IEC	UL / CUL	CSA	Ex
1000	-	-	-
232 / 95	-	-	-

Description	Color
Terminal block, for direct mounting	gray
Terminal block base, for direct mounting, 3 x gray	gray
3 x gray, 1 x blue	gray/blue
3 x gray, 1 x black-yellow	gray/black-yellow
3 x gray, 1 x blue, 1 x black-yellow	gray/blue/black-yellow

Ordering data			
Type	Order No.	Pcs. / Pkt.	
UKH 95-F	① 3247022	10	

Ordering data			
Type	Order No.	Pcs. / Pkt.	
UKH 95-3L-F	① 3076497	4	
UKH 95-3L/N-F	① 3076536	2	
UKH 95-3L/FE-F	① 3076578	2	
UKH 95-3L/N/FE-F	① 3076617	2	

Terminal blocks - CLIPLINE complete

150 mm² UKH... screw connection terminal blocks

General technical data for 150 mm² UKH... screw connection terminal blocks

Rated data		IEC 60947-7-1			
Rated cross section	[mm ²]	150			
Cross section range	AWG	2 - 300 kcmil			
Connection capacity		solid	stranded	Ferrule	
				without	with plastic sleeve
1 conductor	[mm ²]	35 - 150	50 - 150	50 - 150	50 - 150
2 conductors (of the same type)	[mm ²]	25 - 50	35 - 50	25 - 50	-
2 stranded conductors with a TWIN ferrule	[mm ²]	-	-	-	-
Max. cross section with insertion bridge	[mm ²]	150	120	-	-
General data					
Stripping length	[mm]	40			
Screw thread		M10			
Tightening torque	[Nm]	25 - 30			
Insulating material		PA			
Inflammability class according to UL 94		V0			
Note: additional or deviating data is documented for the product.					

Notes:

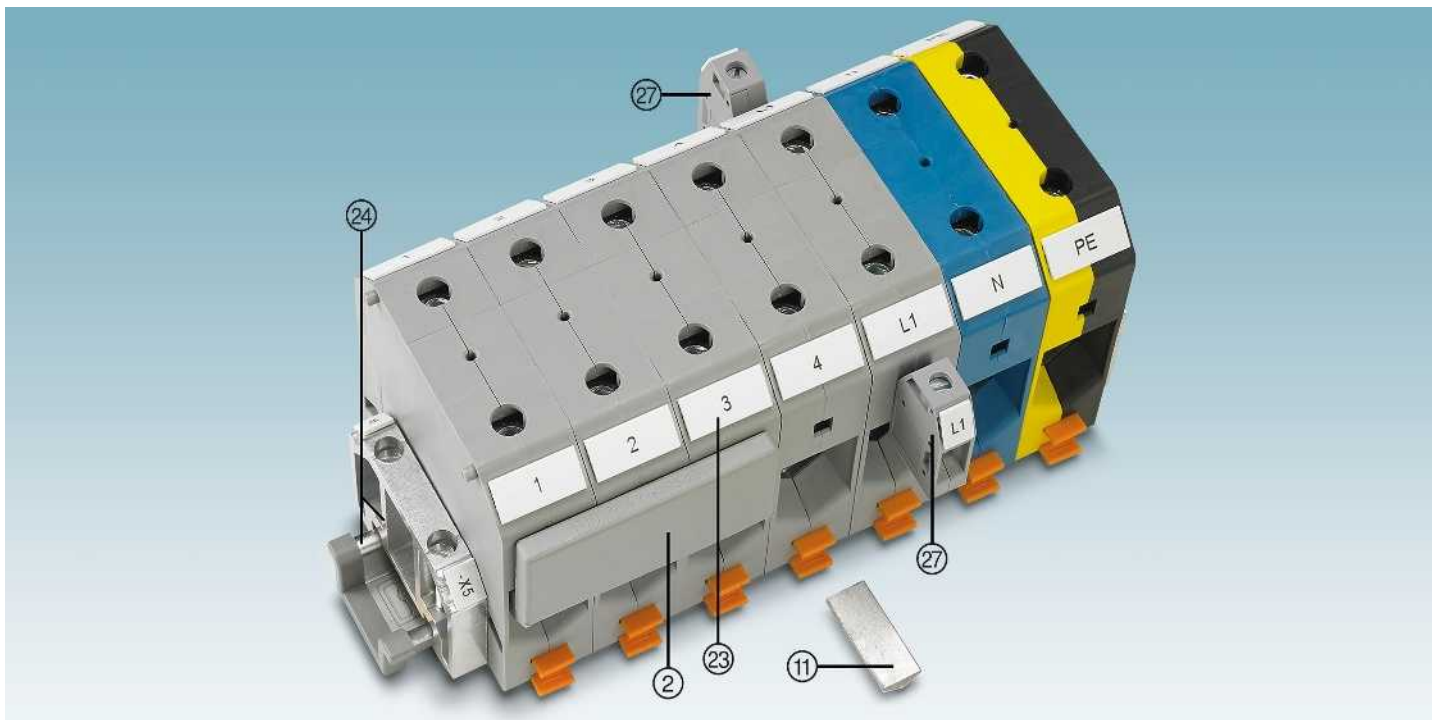


In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

¹⁾ The bridge current is documented for the respective product. For additional colors, see page 340.

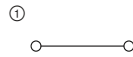
System accessories for 150 mm² UKH... screw connection terminal blocks



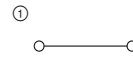
Description	Number of positions	Color	Type	Order No.	Pcs. / Pkt.	Type	Order No.	Pcs. / Pkt.
② Insertion bridge ¹⁾	2	gray	EB 2-31/UKH	0201388	10			
	3	gray	EB 3-31/UKH	0201391	10			
⑪ Insertion profile for flat conductor connection, see page 496.		silver	UKH 150/240 EP	3009244	10			
⑦ Tap-off terminal block		gray	AGK 10-UKH 150/240	3003554	10			
Allen key			VDE-ISS 8	1201947	1			
② Lateral groove marking			UC-TM 10, UCT-TM 10 or ZB 10. See also Catalog 5, selection tables from page 100.					
④ DIN rails and end brackets			See Catalog 5.					
For full accessories, visit phoenixcontact.net/products			Note: additional or deviating accessories are documented for the product.					

High-current terminal blocks

Notes:
 1) For additional accessories and technical data, see page 74.
 For information on installation and using accessories for Ex applications, see page 602.



309 A, feed-through terminal block



309 A, terminal block base



Ex: KEMA 99ATEX8332 U / IECEx KEM 06.0030U



Technical data ¹⁾			
Width	Length	Height	
31	100	118.5 (NS 35/15) / 116 (NS 32)	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
309	1000	35 - 150	2-300
300			
IEC	UL / CUL	CSA	Ex
1000	600	600	1100
Nominal current / cross section	[A] / [mm ²]		
309 / 150	285 / -		

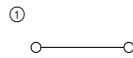
Technical data ¹⁾			
Width	Length	Height	
93	100	118.5 (NS 35/15) / 116 (NS 32)	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
309	1000	35 - 150	2-300
300			
IEC	UL / CUL	CSA	Ex
1000	600	-	-
Nominal current / cross section	[A] / [mm ²]		
309 / 150	285 / -		

Ordering data			
Type	Order No.	Pcs. / Pkt.	
UKH 150	3010110	3	
UKH 150 BU	3010123	3	

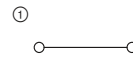
Ordering data			
Type	Order No.	Pcs. / Pkt.	
UKH 150-3L	3076345	3	
UKH 150-3L/N	3076387	2	
UKH 150-3L/FE	3076426	2	
UKH 150-3L/N/FE	3076468	2	

High-current terminal blocks for direct mounting

Notes:
 1) For additional accessories and technical data, see page 74.



309 A, feed-through terminal block for direct mounting



309 A, terminal block bases for direct mounting



Technical data ¹⁾			
Width	Length	Height	
31	136.1	111	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
309	1000	35 - 150	2-300
300			
IEC	UL / CUL	CSA	Ex
1000	600	-	-
Nominal current / cross section	[A] / [mm ²]		
309 / 150	285 / -		

Technical data ¹⁾			
Width	Length	Height	
93	136.1	111	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
309	1000	35 - 150	-
300			
IEC	UL / CUL	CSA	Ex
1000	-	-	-
Nominal current / cross section	[A] / [mm ²]		
309 / 150	285 / -		

Ordering data			
Type	Order No.	Pcs. / Pkt.	
UKH 150-F	3247035	10	

Ordering data			
Type	Order No.	Pcs. / Pkt.	
UKH 150-3L-F	3076507	4	
UKH 150-3L/N-F	3076549	2	
UKH 150-3L/FE-F	3076581	2	
UKH 150-3L/N/FE-F	3076620	2	

Description	Color
Terminal block, for direct mounting	gray
Terminal block base, for direct mounting, 3 x gray	gray
3 x gray, 1 x blue	gray/blue
3 x gray, 1 x black-yellow	gray/black-yellow
3 x gray, 1 x blue, 1 x black-yellow	gray/blue/black-yellow

Terminal blocks - CLIPLINE complete

240 mm² UKH... screw connection terminal blocks

General technical data for 240 mm² UKH... screw connection terminal blocks

Rated data		IEC 60947-7-1			
Rated cross section	[mm ²]	240			
Cross section range	AWG	2/0 - 500 kcmil			
Connection capacity		solid	stranded	Ferrule	
1 conductor	[mm ²]	70 - 240	70 - 240	70 - 185	70 - 185
2 conductors (of the same type)	[mm ²]	35 - 95	50 - 95	35 - 50	-
2 stranded conductors with a TWIN ferrule	[mm ²]	-	-	-	-
Max. cross section with insertion bridge	[mm ²]	240	185	-	-
General data					
Stripping length	[mm]	40			
Screw thread		M10			
Tightening torque	[Nm]	25 - 30			
Insulating material		PA			
Inflammability class according to UL 94		V0			

Note: additional or deviating data is documented for the product.

Notes:

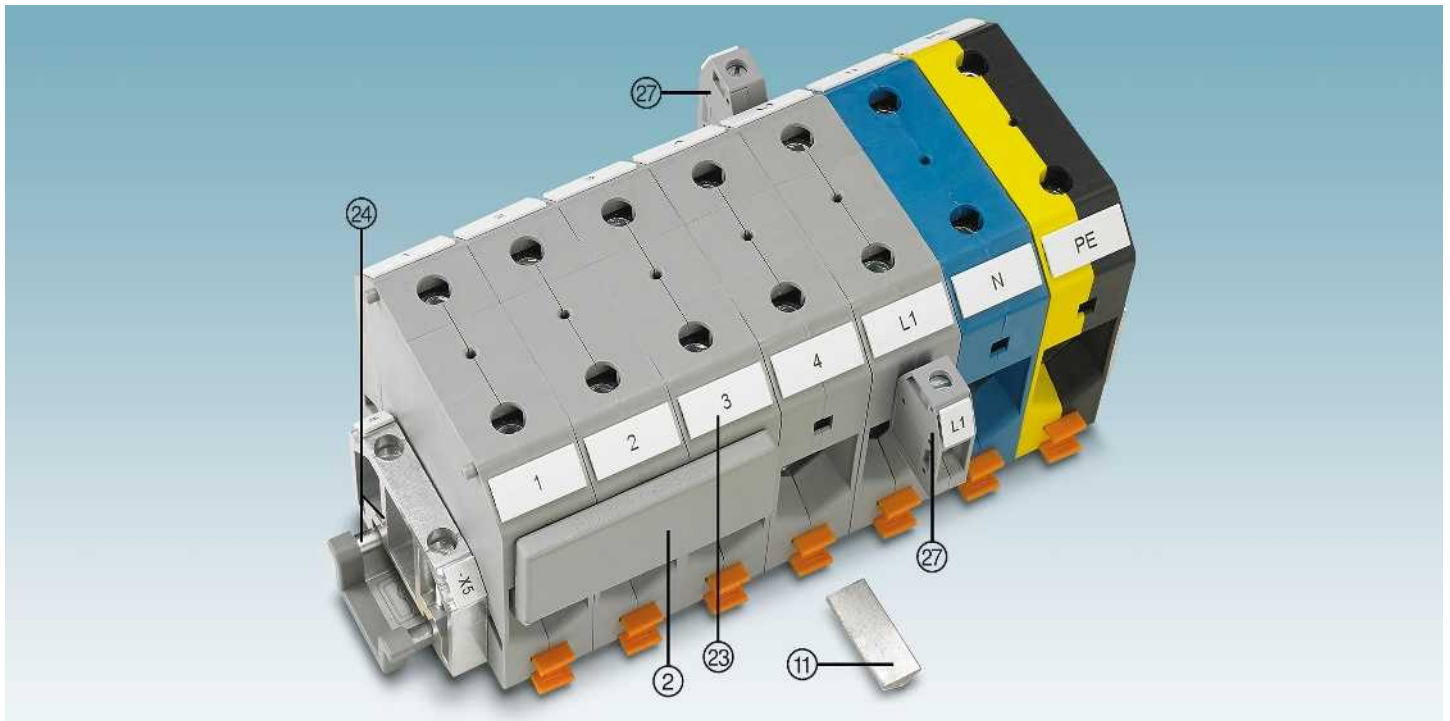


In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

¹⁾ The bridge current is documented for the respective product. For additional colors, see page 340.

System accessories for 240 mm² UKH... screw connection terminal blocks

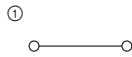


Description	Number of positions	Color	Type	Order No.	Pcs. / Pkt.	Type	Order No.	Pcs. / Pkt.
② Insertion bridge ¹⁾	2	gray	EB 2-36/UKH	0201401	10			
	3	gray	EB 3-36/UKH	0201414	10			
⑪ Insertion profile for flat conductor connection, see page 496.		silver	UKH 150/240 EP	3009244	10			
⑲ Tap-off terminal block		gray	AGK 10-UKH 150/240	3003554	10			
Allen key			VDE-ISS 8	1201947	1			

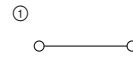
⑳ Lateral groove marking	UC-TM 10, UCT-TM 10 or ZB 10. See also Catalog 5, selection tables from page 100.
㉑ DIN rails and end brackets	See Catalog 5.
For full accessories, visit phoenixcontact.net/products	Note: additional or deviating accessories are documented for the product.

High-current terminal blocks

Notes:
1) For additional accessories and technical data, see page 76.
For information on installation and using accessories for Ex applications, see page 602.



415 A, feed-through terminal block



415 A, terminal block bases



Ex: KEMA 99ATEX8332 U / IECEx KEM 06.0030U



Technical data ¹⁾			
Width	Length	Height	
36	100	131.5 (NS 35/15) / 129 (NS 32)	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
415	1000	70 - 240	2/0-500
382			
IEC	UL / CUL	CSA	Ex
1000	600	600	1100
Nominal current / cross section	[A] / [mm ²]		
415 / 240	380 / - 400 / - 350 / 240		

Technical data ¹⁾			
Width	Length	Height	
108	100	131.5 (NS 35/15) / 129 (NS 32)	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
415	1000	70 - 240	2/0-500
382			
IEC	UL / CUL	CSA	Ex
1000	600	-	-
Nominal current / cross section	[A] / [mm ²]		
415 / 240	380 / - - -		

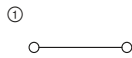
Ordering data			
Type	Order No.	Pcs. / Pkt.	
UKH 240	3010217	3	
UKH 240 BU	0711852	3	

Ordering data			
Type	Order No.	Pcs. / Pkt.	
UKH 240-3L	3076358	3	
UKH 240-3L/N	3076390	2	
UKH 240-3L/FE	3076439	2	
UKH 240-3L/N/FE	3076471	2	

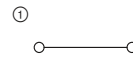
Description	Color
Terminal block	gray
	blue
Terminal block base, 3 x gray	gray
3 x gray, 1 x blue	gray/blue
3 x gray, 1 x black-yellow	gray/black-yellow
3 x gray, 1 x blue, 1 x black-yellow	gray/blue/black-yellow

High-current terminal blocks for direct mounting

Notes:
1) For additional accessories and technical data, see page 76.



415 A, feed-through terminal block for direct mounting



415 A, terminal block bases for direct mounting



Technical data ¹⁾			
Width	Length	Height	
36	136.1	124	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
415	1000	70 - 240	2/0-500
382			
IEC	UL / CUL	CSA	Ex
1000	600	-	-
Nominal current / cross section	[A] / [mm ²]		
415 / 240	380 / - - -		

Technical data ¹⁾			
Width	Length	Height	
108	136.1	124	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
415	1000	70 - 240	-
382			
IEC	UL / CUL	CSA	Ex
1000	-	-	-
Nominal current / cross section	[A] / [mm ²]		
415 / 240	380 / - - -		

Ordering data			
Type	Order No.	Pcs. / Pkt.	
UKH 240-F	3247048	10	

Ordering data			
Type	Order No.	Pcs. / Pkt.	
UKH 240-3L-F	3076510	4	
UKH 240-3L/N-F	3076552	2	
UKH 240-3L/FE-F	3076594	2	
UKH 240-3L/N/FE-F	3076633	2	

Description	Color
Terminal block, for direct mounting	gray
Terminal block base, for direct mounting, 3 x gray	gray
3 x gray, 1 x blue	gray/blue
3 x gray, 1 x black-yellow	gray/black-yellow
3 x gray, 1 x blue, 1 x black-yellow	gray/blue/black-yellow