


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. The terminal blocks 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.

 **Your web code: #1397**

Product range overview

2.5 mm²

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4 mm²

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6 mm²

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10 mm²

Feed-through terminal blocks and ground terminals	251
Installation terminal blocks	251

16 mm²

Feed-through terminal blocks and ground terminals	253
Installation terminal blocks	253

35 mm²

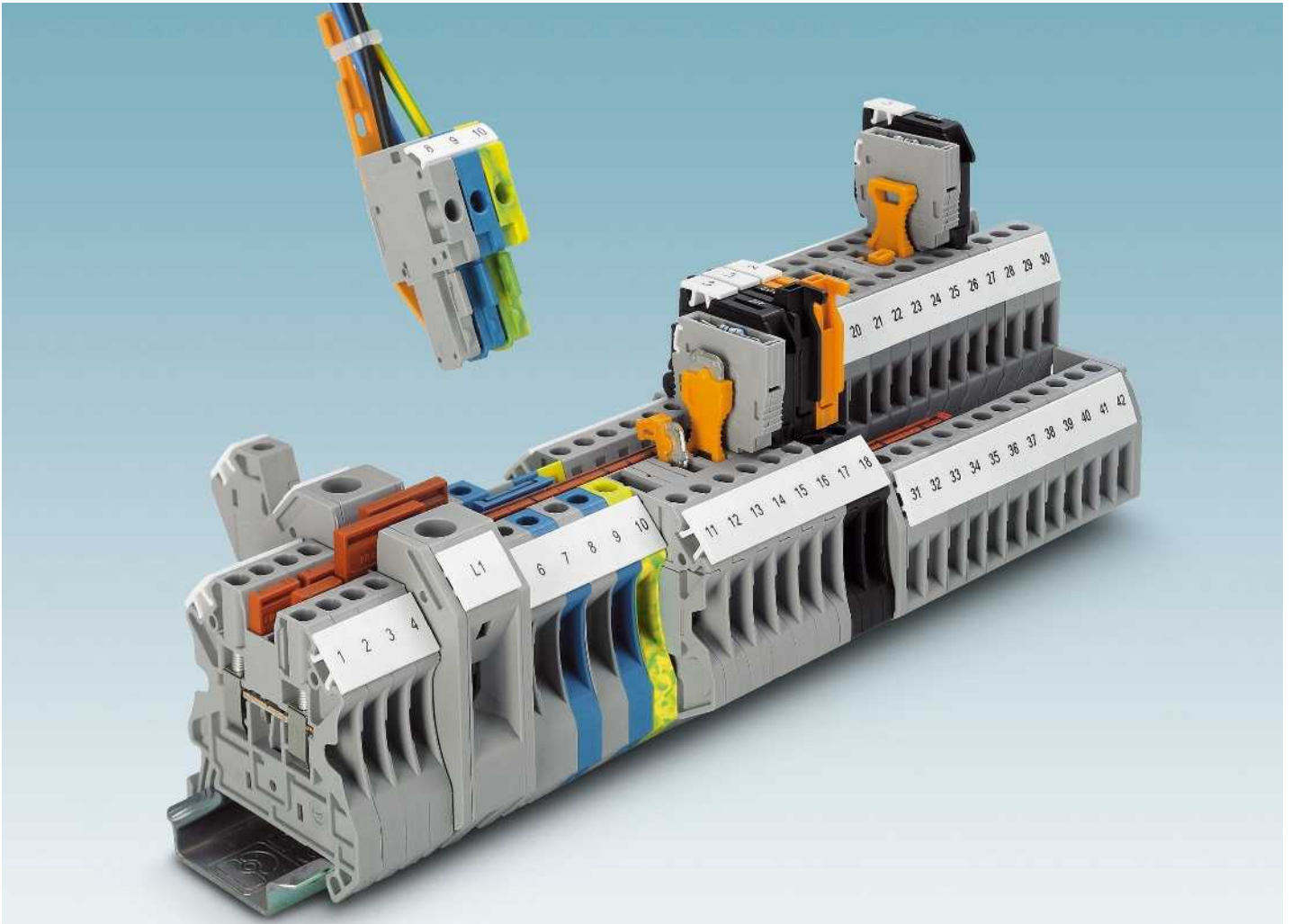
Feed-through terminal blocks and ground terminals	255
Installation terminal blocks	255

50 mm² - 240 mm²

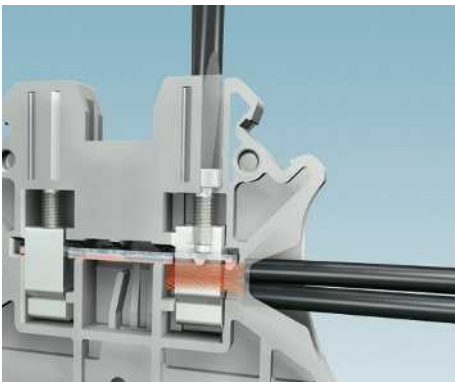
High-current terminal blocks	257
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Terminal blocks - CLIPLINE complete

UT screw connection terminal blocks



i Your web code: #1397



Universal and zero-maintenance

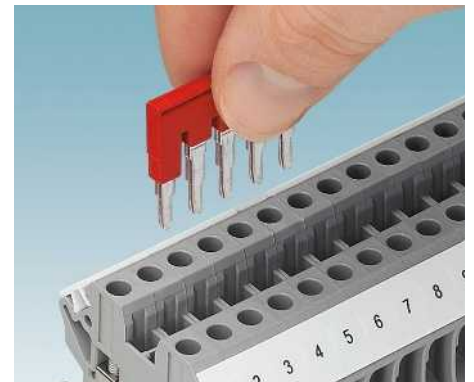
The screw connection is characterized by three main features:

- 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.

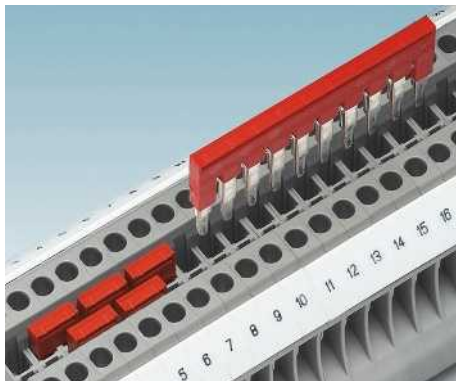


Flexible plug-in bridge system

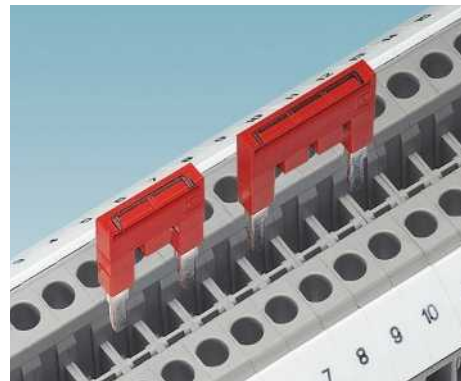
Potential can be distributed quickly using standardized plug-in bridges. Using two bridge shafts in all terminal blocks makes flexible chain and level bridging and bridging between non-adjacent terminal blocks possible.



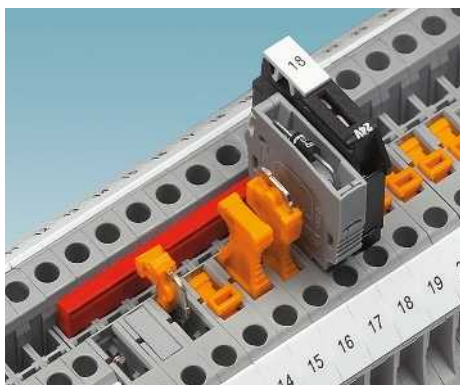
The reducing bridge enables terminal blocks with different nominal cross sections to be connected easily, e.g., a UT 10 terminal block to a UT 2,5. Power blocks can be created quickly using the reducing bridge.



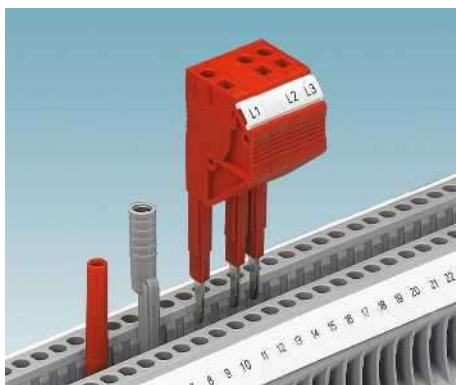
The double function shaft can be used to connect any number of terminal blocks with two-position bridges. The 2- to 50-pos. bridges allow up to 50 terminal blocks to be bridged in one step.



Bridging between non-adjacent terminal blocks is established by removing individual contact tabs from the standard bridge. Two potentials can then be routed in parallel through a terminal strip. 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.



For measuring lines, a test plug with a 2.3 mm diameter is available. All measurement and testing can be carried out quickly using test adapters for 4 mm diameter test plugs and the alignable test plugs.



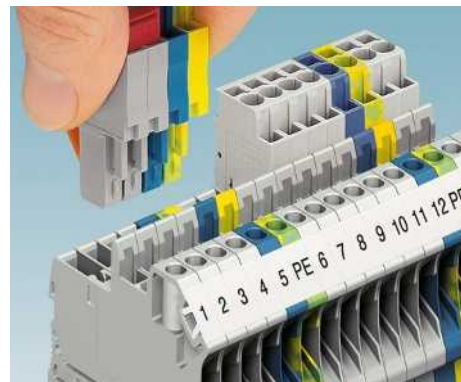
Large-surface and clear marking of the terminal points is essential for reliable and quick installation. Each terminal point in the UT series can be marked separately.



UT 4-MTD disconnect terminal blocks and feed-through terminal blocks 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.



The offset levels of the double-level terminal blocks allow unhindered access to the lower connection levels even when already fully wired. They also provide a perfect view of the lower marking labels and conductor entry funnel.

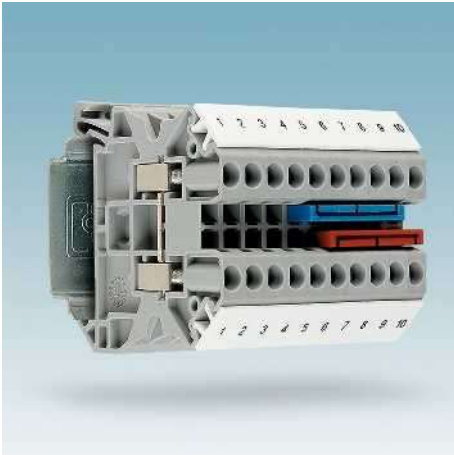


UT-COMBI terminal blocks are available for creating plug-in signal and power wiring. The system is touch-proof and offers connectors for self-assembly with extensive accessories. See "COMBI" section, page 269.

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

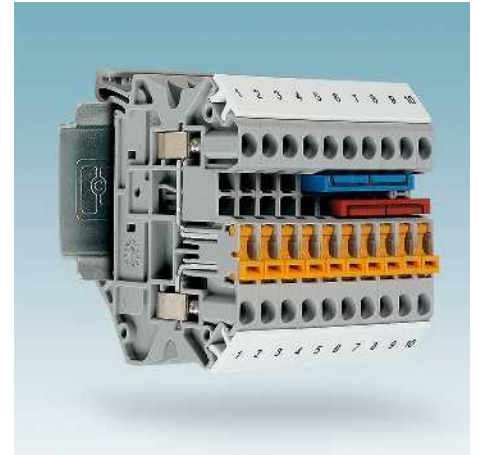
UT ... multifunctional terminal blocks



- 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 feed-in terminals are the same shape
- Energy supplied or enhanced by feed-in terminals

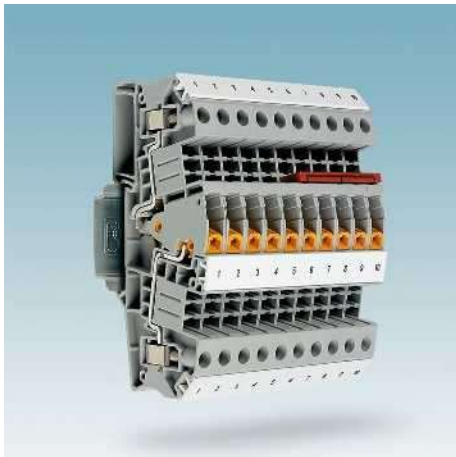
i Your web code: #0075

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 ... measuring transducer 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 measuring transducer 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 plug-in bridges
- 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			
Flammability rating according to UL 94		VO			
Note: Additional or deviating data is documented for the product.					

Notes:



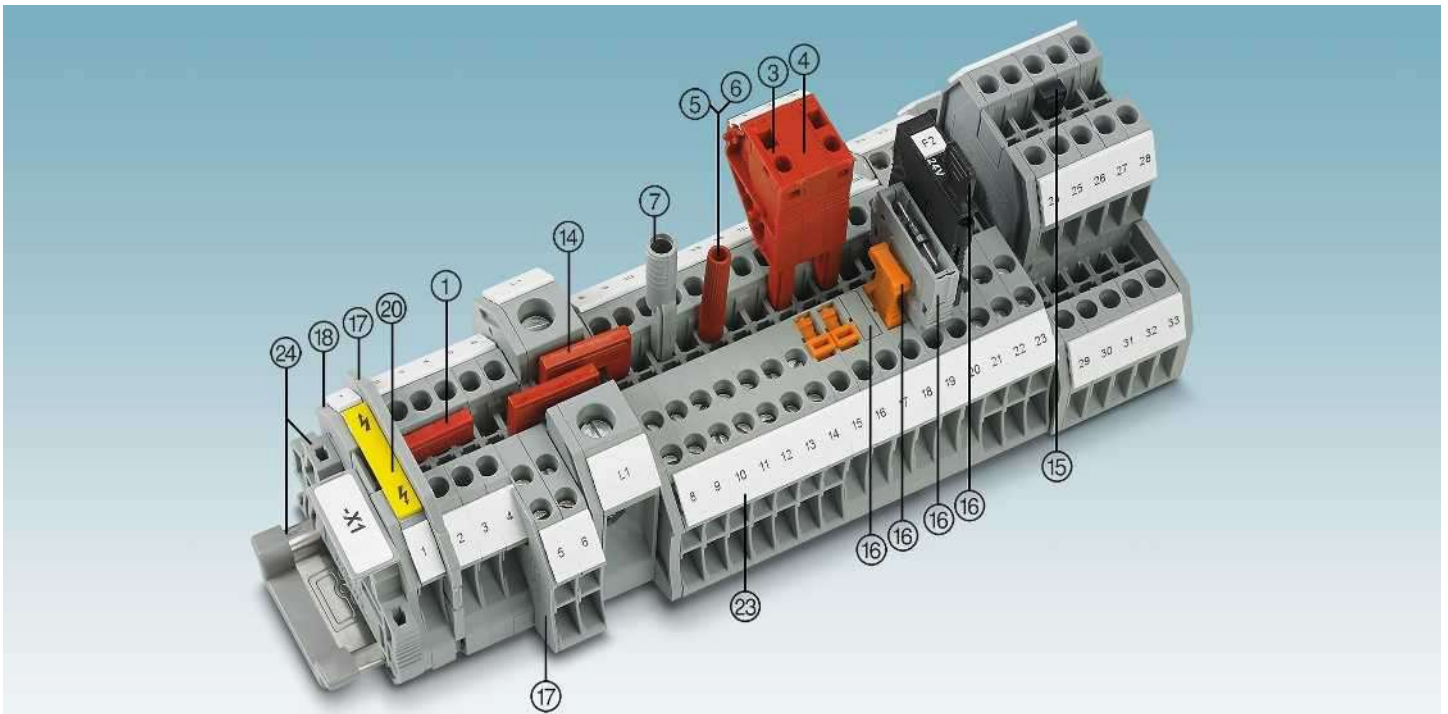
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

¹⁾ The bridge current is documented for the respective product. For additional colors, see page 396.

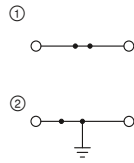
System accessories for 2.5 mm² UT screw connection terminal blocks



Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① Plug-in bridge 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 402.							
⑮ Vertical potential bridge	For FBS-PV ..., see page 398.							
⑯ Fuse and function plugs for disconnect terminal blocks	For P-FU ... / P-DI / P-FIX / P-CO ..., see from page 408.							
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 413.							
㉑ Lateral groove marking	UC-TM 5, UCT-TM 5 or ZB 5. See also Catalog 3, selection tables from page 68.							
㉒ DIN rails and end brackets	See Catalog 3							
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 218.
 For information on installation and using accessories for Ex applications, see page 644.



32 A, feed-through terminal block and ground terminal

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

Technical data ¹⁾				
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 / -	20 / -	22 / 2.5	

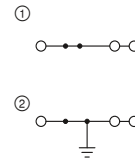
Ordering data			
Type	Order No.	Pcs./Pkt.	
UT 2,5	① 3044076	50	
UT 2,5 BU	① 3044089	50	
UT 2,5-PE	② 3044092	50	

Accessories ¹⁾		
D-UT 2,5/10	Order No.	Pcs./Pkt.
D-UT 2,5/10	3047028	50

Dimensions	
	[mm]
Maximum electrical data	
Maximum 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	gray
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30 A, feed-through terminal block and ground terminal, 3 connections

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

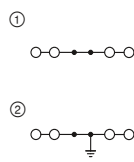
Technical data ¹⁾				
Width	Length	Height		
5.2	57.8	47.5 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
30	500	0.14 - 4	26-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	150	150	352	
Nominal current / cross section [A] / [mm ²]				
24 / 2.5	20 / -	20 / -	21 / 2.5	

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	

Accessories ¹⁾		
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 218.
 For information on installation and using accessories for Ex applications, see page 644.



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

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

Technical data ¹⁾				
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 / -	20 / -	21 / 2.5	

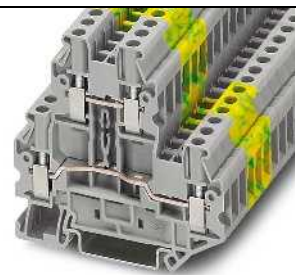
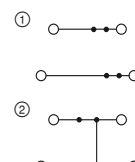
Ordering data			
Type	Order No.	Pcs./Pkt.	
UT 2,5-QUATTRO	① 3044542	50	
UT 2,5-QUATTRO BU	① 3044555	50	
UT 2,5-QUATTRO-PE	② 3044568	50	

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

Dimensions	
	[mm]
Maximum electrical data	
Maximum 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	gray
Spacer plate	gray



28 A, double-level terminal block and ground terminal

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

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	352	
Nominal current / cross section [A] / [mm ²]				
24 / 2.5	20 / -	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	

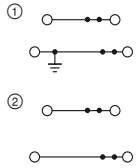
Accessories ¹⁾		
D-UTTB 2,5/4	Order No.	Pcs./Pkt.
D-UTTB 2,5/4	3047293	50
DP-UTTB 2,5/4	3047303	50

Terminal blocks - CLIPLINE complete

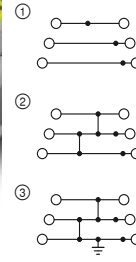
2.5 mm² UT screw connection terminal blocks

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

Notes:
 1) For additional accessories and technical data, see page 218.



28 A, double-level terminal block with PE foot



24 A, three-level terminal block and ground terminal



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

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	-	
19 / 2.5	20 / -	20 / -	- / -	

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	20 / -	20 / -	- / -	

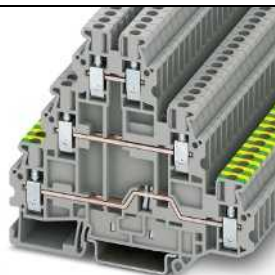
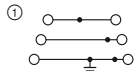
Ordering data	
Description	Color
Terminal block	gray
upper level blue	blue
upper level blue	gray
With potential distribution	gray
Ground terminal	green-yellow
Cover, width: 2.2 mm	gray
Spacer plate	gray

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

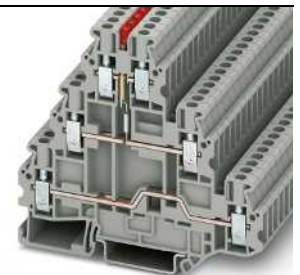
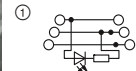
Ordering data			
Type	Order No.	Pcs./Pkt.	
UT 2,5-3L	① 3214259	50	
UT 2,5-3L BU	① 3002389	50	
UT 2,5-3PV	② 3214262	50	
UT 2,5-3PE	③ 3214275	50	
Accessories ¹⁾			
D-UT 2,5-3L	3214314	50	

Multi-level terminal blocks

Notes:
 1) For additional accessories and technical data, see page 218.



24 A, three-level terminal block with PE foot



24 A, three-level terminal block with LED display



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

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	20 / -	20 / -	- / -	

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	20 / -	20 / -	- / -	

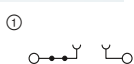
Ordering data	
Description	Color
Terminal block	gray
upper level blue	gray
Terminal block, with LED for 12–30 V DC, 0.7–2.4 mA	gray
Cover, width: 2.2 mm	gray

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⁾			
D-UT 2,5-3L	3214314	50	

Ordering data			
Type	Order No.	Pcs./Pkt.	
UT 2,5-3L-LA24RD/O-M	① 3214288	50	
Accessories ¹⁾			
D-UT 2,5-3L	3214314	50	

Disconnect terminal blocks

Notes:
 1) For additional accessories and technical data, see page 218.
 2) Current and voltage are determined by the connector used.



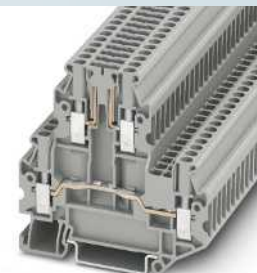
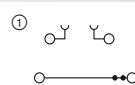
20 A, disconnect terminal block



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

Ordering data			
Description	Type	Order No.	Pcs./Pkt.
Disconnect terminal block	UT 2,5-TG	3046388	50
	UT 2,5-TG BU	3046579	50
With test socket screws	UT 2,5-TG-P/P	3046391	50
	UT 2,5-TG-P/P BU	3046582	50

Accessories ¹⁾		
Cover, width: 2.2 mm	D-UT 2,5/4-TWIN	3047141
Spacer plate		
		50



24 A, double-level terminal block with disconnect zone



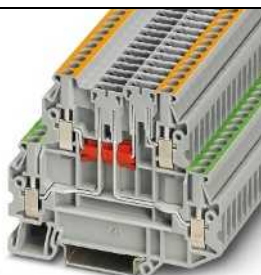
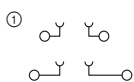
Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	5.2	69.9	65 (NS 35/7,5)	
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
	24	400	0.14 - 4	26-12
Maximum bridge current	22 (FBS) / 17.5 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	400	300	300	-
Nominal current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

Ordering data			
Description	Type	Order No.	Pcs./Pkt.
Double-level terminal block with disconnect zone	UTT 2,5-TG-P/P	3044644	50

Accessories ¹⁾		
Cover, width: 2.2 mm	D-UTT 2,5/4	3047293
Spacer plate	DP-UTT 2,5/4	3047303
		50
		50

Disconnect terminal blocks

Notes:
 1) For additional accessories and technical data, see page 218.



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



Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	5.2	80.1	58.1 (NS 35/7,5)	
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
	16	400	0.14 - 4	26-12
Maximum bridge current	16 (FBS) / 17.5 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	400	300	300	-
Nominal current / cross section	16 / 2.5	16 / -	16 / -	- / -

Ordering data			
Description	Type	Order No.	Pcs./Pkt.
Double-level terminal block with two disconnect zones	UTT 2,5-2TG-P/P	3044674	50

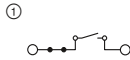
Accessories ¹⁾		
Cover, width: 2.2 mm	D-UTT 2,5/4	3044676
Spacer plate, compensates for level offsets, width 2.5 mm	DP-UTT 2,5/4	3044677
		50
		50

Terminal blocks - CLIPLINE complete

2.5 mm² UT screw connection terminal blocks

Knife disconnect terminal blocks

Notes:
 1) For additional accessories and technical data, see page 218.



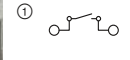
20 A, knife disconnect terminal block



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

Ordering data			
Description	Color	Type	Order No.
Knife disconnect terminal block	gray	UT 2,5-MT	3046362
	blue	UT 2,5-MT BU	3046553
With test socket screws	gray	UT 2,5-MT-P/P	3046375
	blue	UT 2,5-MT P/P BU	3046566

Accessories ¹⁾			
Cover, width: 2.2 mm	gray	D-UT 2,5/4-TWIN	3047141
Spacer plate	gray		



24 A, double-level terminal block with disconnect knife



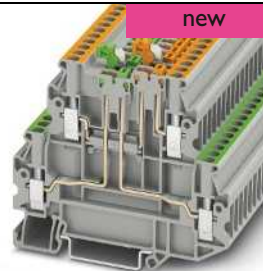
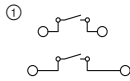
Technical data ¹⁾				
Dimensions	Width	Length	Height	
	5.2	69.9	65 (NS 35/7,5)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	24	400	0.14 - 4	26-12
Maximum bridge current	22 (FBS) / 17.5 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	400	300	300	-
Nominal current / cross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

Ordering data			
Description	Color	Type	Order No.
Double-level terminal block with disconnect knife	gray	UTTB 2,5-MT-P/P	3044640
	blue	UTTB 2,5-MT-P/P BU	3044641

Accessories ¹⁾			
Cover, width: 2.2 mm	gray	D-UTTB 2,5/4	3047293
Spacer plate	gray	DP-UTTB 2,5/4	3047303

Knife disconnect terminal blocks

Notes:
 1) For additional accessories and technical data, see page 218.



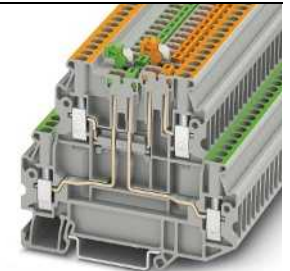
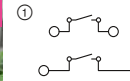
16 A, double-level terminal block with one disconnect knife per level



Technical data ¹⁾				
Dimensions	Width	Length	Height	
	5.2	80.1	65 (NS 35/7,5)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	16	400	0.14 - 4	-
Maximum bridge current	16 (FBS) / 14 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	400	-	-	-
Nominal current / cross section	16 / 2.5	- / -	- / -	- / -

Ordering data			
Description	Color	Type	Order No.
Double-level terminal block with one disconnect knife per level	gray	UTT 2,5-2MT	3044679
	blue	UTT 2,5-2MT BU	3044680
With test socket screws	gray		
	blue		

Accessories ¹⁾			
Cover, width: 2.2 mm	gray	D-UTT 2,5/4	3044676
Spacer plate, compensates for level offsets, width 2.5 mm	gray	DP-UTT 2,5/4	3044677



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



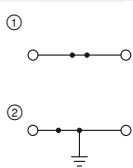
Technical data ¹⁾				
Dimensions	Width	Length	Height	
	5.2	80.1	65 (NS 35/7,5)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	16	400	0.14 - 4	26-12
Maximum bridge current	16 (FBS) / 14 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	400	300	300	-
Nominal current / cross section	16 / 2.5	16 / -	16 / -	- / -

Ordering data			
Description	Color	Type	Order No.
Double-level terminal block with one disconnect knife per level, test socket screw	gray	UTT 2,5-2MT-P/P	3044670
	blue	UTT 2,5-2MT-P/P BU	3044671

Accessories ¹⁾			
Cover, width: 2.2 mm	gray	D-UTT 2,5/4	3044676
Spacer plate, compensates for level offsets, width 2.5 mm	gray	DP-UTT 2,5/4	3044677

Diode and LED terminal blocks

Notes:
 1) For additional accessories and technical data, see page 218.



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

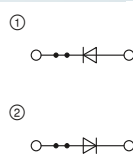


Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	5.2	57.8	47.5 (NS 35/7,5)	
Maximum electrical data	I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
	32	800	0.14 - 4	26-12
Maximum bridge current	24 (FBS) / 17.5 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	800	600	600	-
Nominal current / cross section	24 / 2.5	20 / -	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	

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

Description	Color
Terminal block	gray
	blue
With test socket screws	gray
	blue
Ground terminal Terminal block , for conducting direction see circuit diagram	green-yellow
	gray
	gray
Cover , width: 2.2 mm	gray



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



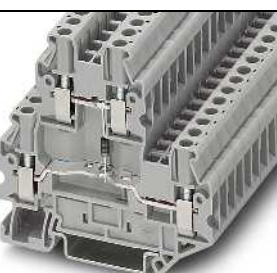
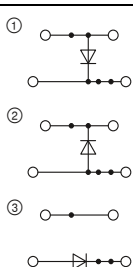
Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	5.2	57.8	47.5 (NS 35/7,5)	
Maximum electrical data	I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
	0.5	800	0.14 - 4	26-12
Maximum bridge current	0.5 (FBS) / 0.5 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	800	600	600	-
Nominal current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

Accessories ¹⁾		
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 218.



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

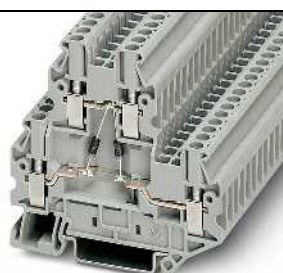
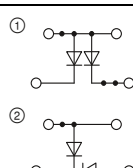


Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	5.2	69.9	65 (NS 35/7,5)	
Maximum electrical data	I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
	28	500	0.14 - 4	26-12
Maximum bridge current	24 (FBS) / 17.5 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	500	600	300	-
Nominal current / cross section	24 / 2.5	20 / -	1 / -	- / -

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	

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

Description	Color
Terminal block , for conducting direction see circuit diagram	gray
	gray
	gray
	gray
	gray
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 data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	5.2	69.9	65 (NS 35/7,5)	
Maximum electrical data	I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
	28	500	0.14 - 4	26-12
Maximum bridge current	24 (FBS) / 17.5 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	500	600	300	-
Nominal current / cross section	24 / 2.5	20 / -	1 / -	- / -

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	

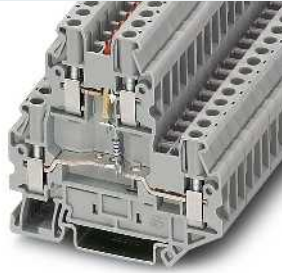
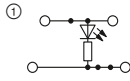
Accessories ¹⁾		
D-UTTB 2,5/4	Order No.	Pcs./Pkt.
D-UTTB 2,5/4	3047293	50
DP-UTTB 2,5/4	3047303	50

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 218.
 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 / -	- / -	

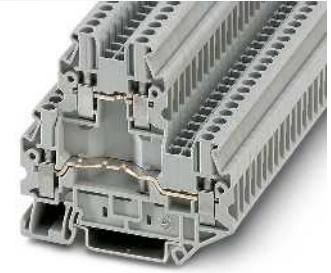
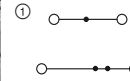
Ordering data			
Type	Order No.	Pcs./Pkt.	
UTTB 2,5-LA 24 RD	3046692	50	
UTTB 2,5-LA 60 RD	3046702	50	
UTTB 2,5-LA 230	3046715	50	

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

Dimensions	[mm]
Maximum electrical data	
Maximum 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 218.
 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 via web code #0060.



24 A, neutral disconnect terminal block



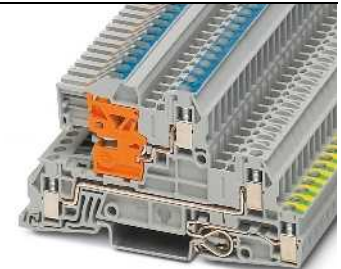
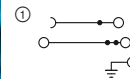
Technical data ¹⁾				
Width	Length	Height		
5.2	55	47.5 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
24	250	0.14 - 4	-	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
250	-	-	-	
24 / 2.5				
	- / -	- / -	- / -	
Connection capacity		Ferrule		
		without/with plastic sleeve		
1 conductor	[mm ²]	0.14 - 4	0.14 - 4	0.25 - 2.5
2 conductors (of the same type)	[mm ²]	0.14 - 1.5	0.14 - 1.5	0.25 - 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]
Maximum electrical data	
Maximum 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



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	300	-	
24 / 4				
	20 / -	- / -	- / -	
4				
24 - 12				
Connection capacity		Ferrule		
		without/with plastic sleeve		
0.2 - 4	0.2 - 4	0.25 - 2.5	0.25 - 2.5	0.25 - 2.5
0.2 - 1.5	0.2 - 1.5	0.25 - 0.75	-	

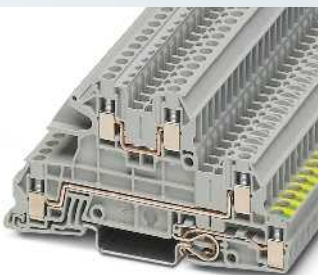
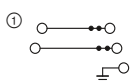
Ordering data			
Type	Order No.	Pcs./Pkt.	
UTI 2,5-PE/L/NT	3076028	50	

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 218.
 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 via web code #0060.



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

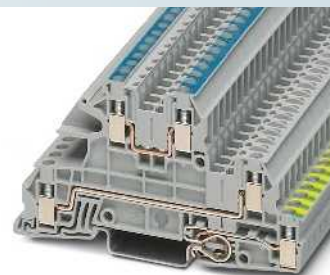


Technical data ¹⁾				
Dimensions	Width	Length	Height	
	5.2	93.5	51.5 (NS 35/7,5)	
Maximum electrical data	I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
	30 ²⁾	400	0.2 - 4	26-12
	24 (FBS) / 17.5 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Maximum bridge current	400	300	300	-
Rated voltage	400	300	300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

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

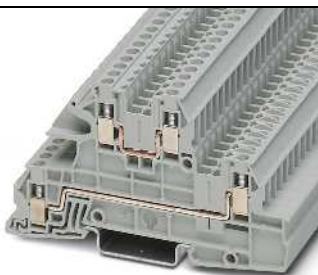
Ordering data			
Type	Order No.	Pcs./Pkt.	
UTI 2,5-PE/L/N	3076030	50	

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 218.
 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 via web code #0060.



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

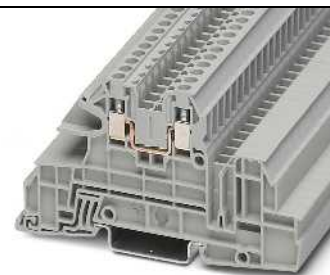
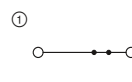


Technical data ¹⁾				
Dimensions	Width	Length	Height	
	5.2	93.5	51.5 (NS 35/7,5)	
Maximum electrical data	I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
	30 ²⁾	400	0.2 - 4	26-12
	24 (FBS) / 17.5 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Maximum bridge current	400	300	300	-
Rated voltage	400	300	300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

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⁾				
Dimensions	Width	Length	Height	
	5.2	93.5	51.5 (NS 35/7,5)	
Maximum electrical data	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)			
Rated data	IEC	UL / CUL	CSA	Ex
Maximum bridge current	400	300	300	-
Rated voltage	400	300	300	-
Nominal current / cross section	24 / 4	20 / -	- / -	- / -
Rated cross section	4			
Cross section range	24 - 12			
Connection capacity	solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	0.2 - 4	0.2 - 4	0.25 - 2.5	0.25 - 2.5
2 conductors (of the same type)	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

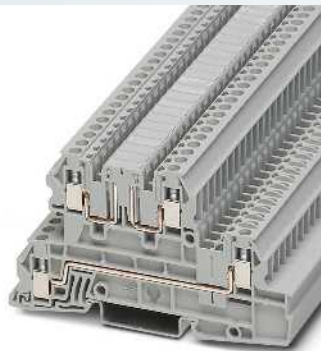
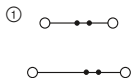
2.5 mm² UT screw connection terminal blocks

Installation terminal blocks

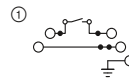
Notes:

1) For additional accessories and technical data, see page 218.

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



Dimensions	Technical data ¹⁾			
	Width	Length	Height	
	5.2	93.5	51.5 (NS 35/7,5)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	30 ²⁾	400	0.2 - 4	26-12
Maximum bridge current	24 (FBS) / 17.5 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	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	-	-
Nominal current / cross section	[A] / [mm ²]	16 / 1.5 (disconnect level)		
Connection capacity	solid	stranded	Ferrule without/with plastic sleeve	
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 -

Dimensions	Technical data ¹⁾			
	Width	Length	Height	
	5.2	93.5	51.5 (NS 35/7,5)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	24 ²⁾	400	0.2 - 4	26-12
Maximum bridge current	24 (FBS) / 17.5 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	400	300	300	-
Nominal current / cross section	[A] / [mm ²]	21 / 4	20 / -	- / -
Rated cross section	[mm ²]	4	-	-
Cross section range	AWG	24 - 12	-	-
Nominal current / cross section	[A] / [mm ²]	16 / 4 (disconnect level)		
Connection capacity	solid	stranded	Ferrule without/with plastic sleeve	
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 -

Description		Color	Ordering data		
Type	Order No.	Pcs./Pkt.			
Terminal block	gray	UT1 2,5-L/LB	①	3076033	50

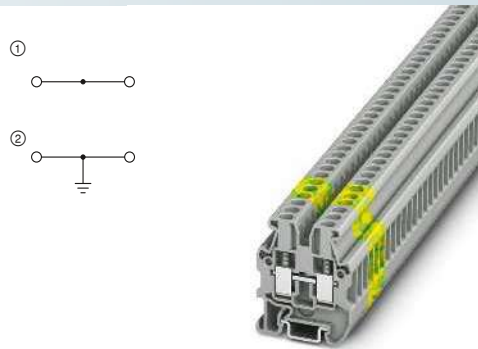
Description		Color	Ordering data		
Type	Order No.	Pcs./Pkt.			
Terminal block	gray	UT1 2,5-PE/L/NTB	①	3076032	50

Accessories ¹⁾		Ordering data		
Type	Order No.	Pcs./Pkt.		
D-UT1/3	3076036	50		

Accessories ¹⁾		Ordering data		
Type	Order No.	Pcs./Pkt.		
D-UT1/3	3076036	50		

Mini feed-through terminal blocks and ground terminals

Notes:
 1) For additional accessories and technical data, see page 218.
 For information on installation and using accessories for Ex applications, see page 644.



32 A, feed-through terminal block and ground terminal



Ex: EAC Ex
 SEV13ATEX0178U / IECEx SEV13.0012U

Technical data¹⁾

Dimensions	Width	Length	Height	
	5.2	29.9	34 (NS 15)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. \varnothing [mm ²]	AWG (UL)
	32	500	0.2 - 4	24-12
Maximum bridge current	21 (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	20 / -	20 / -	20.5 / 4
Cross section range	24 - 12	-	-	-
Connection capacity	solid		stranded	
			Ferrule	
			without/with plastic sleeve	
1 conductor	0.2 - 4	0.2 - 4	0.25 - 2.5	0.25 - 2.5
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 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			
Flammability rating according to UL 94		VO			
Note: Additional or deviating data is documented for the product.					

Notes:



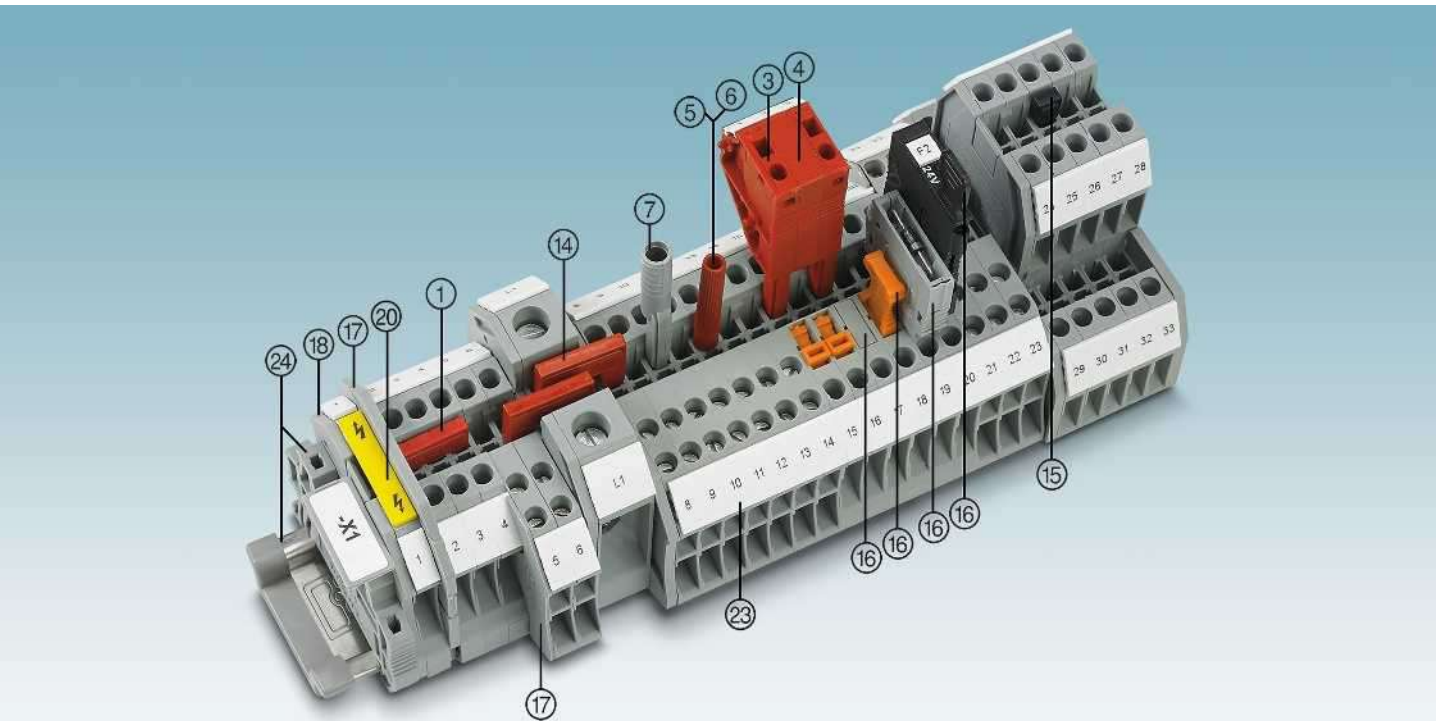
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

¹⁾ The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 4 mm² UT screw connection terminal blocks

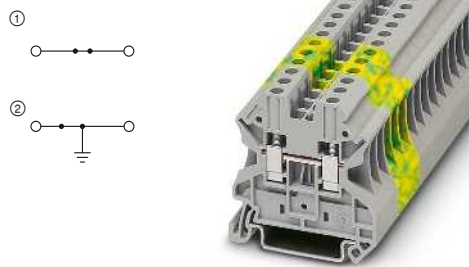


Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① Plug-in bridge ¹⁾	2	red	FBS 2-6	3030336	50	FBSR 2-6	3033715	50
	3	red	FBS 3-6	3030242	50	FBSR 3-6	3001594	50
	4	red	FBS 4-6	3030255	50	FBSR 4-6	3001595	50
	5	red	FBS 5-6	3030349	50	FBSR 5-6	3001596	50
	10	red	FBS 10-6	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 402.
⑮ Vertical potential bridge	For FBS-PV ..., see page 398.
⑯ Fuse and function plugs for disconnect terminal blocks	For P-FU ... / P-DI / P-FIX / P-CO ..., see from page 408.
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 413.
㉑ Lateral groove marking	UC-TM 6, UCT-TM 6 or ZB 6. See also Catalog 3, selection tables from page 68.
㉒ DIN rails and end brackets	See Catalog 3
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 228.
 For information on installation and using accessories for Ex applications, see page 644.



41 A, feed-through terminal block and ground terminal

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

Technical data ¹⁾			
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
Nominal current / cross section	[A] / [mm ²]	30 / -	30 / 4

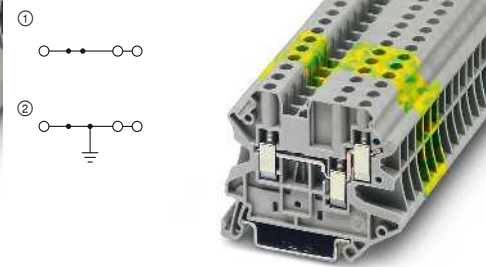
Ordering data			
Type	Order No.	Pcs./Pkt.	
UT 4	① 3044102	50	
UT 4 BU	① 3044115	50	
UT 4-PE	② 3044128	50	

Accessories ¹⁾		
D-UT 2,5/10	3047028	50

Dimensions	[mm]
Maximum electrical data	
Maximum 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 gray



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

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

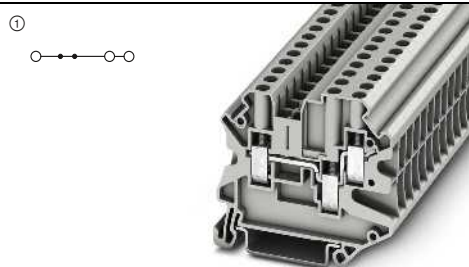
Technical data ¹⁾			
Width	Length	Height	
6.2	57.8	47.5 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
41	500	0.14 - 6	26-10
32 (FBS) / 24 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	150	150	352
Nominal current / cross section	[A] / [mm ²]	30 / -	30 / 4

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

Accessories ¹⁾		
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 228.
 For information on installation and using accessories for Ex applications, see page 644.



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

Ex: EAC Ex
 SEV13ATEX0133U / IECEx SEV13.0004U

Technical data ¹⁾			
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
Nominal current / cross section	[A] / [mm ²]	30 / -	27 / 4

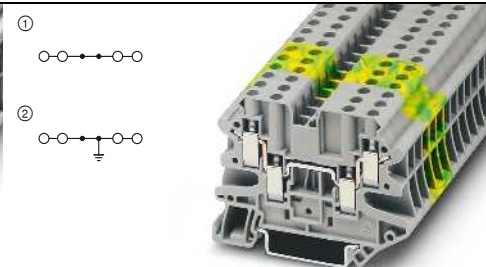
Ordering data		
Type	Order No.	Pcs./Pkt.
UT 4-TWIN HV	① 3000608	50

Accessories ¹⁾		
D-UT 4-TWIN HV	3000710	50

Dimensions	[mm]
Maximum electrical data	
Maximum 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 gray



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

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

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)
39	500	0.14 - 6	26-10
32 (FBS) / 24 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	150	150	352
Nominal current / cross section	[A] / [mm ²]	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

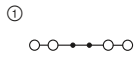
Accessories ¹⁾		
D-UT 2,5/4-QUATTRO	3047170	50

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 228.
 For information on installation and using accessories for Ex applications, see page 644.



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

Ex: EAC Ex IEC Ex
 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	
Nominal current / cross section [A] / [mm ²]				
32 / 4		- / -		27 / 4

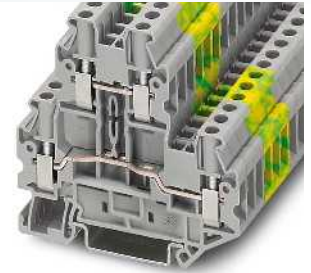
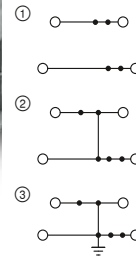
Ordering data			
Type	Order No.	Pcs./Pkt.	
UT 4-QUATTRO HV	① 3048823	50	
UT 4-QUATTRO HV BU	① 3048836	50	

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

Dimensions		[mm]
Maximum electrical data		
Maximum bridge current	[A]	37
Rated data		
Rated voltage	[V]	1000
Nominal current / cross section	[A] / [mm ²]	32 / 4

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

Cover, width: 2.2 mm	gray
Spacer plate	gray



36 A, double-level terminal block and ground terminal

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

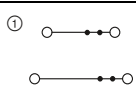
Technical data ¹⁾				
Width	Length	Height		
6.2	69.9	65 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
36	800	0.14 - 6	26-10	
30 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	600	600	440	
Nominal current / cross section [A] / [mm ²]				
30 / 4		30 / -		25.5 / 4

Ordering data			
Type	Order No.	Pcs./Pkt.	
UTTB 4	① 3044814	50	
UTTB 4 BU	① 3044791	50	
UTTB 4-PV	② 3044733	50	
UTTB 4-PE	③ 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 228.



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

Ex: EAC Ex

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	
26 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
1000	600	600	-	
Nominal current / cross section [A] / [mm ²]				
30 / 4		30 / -		- / -

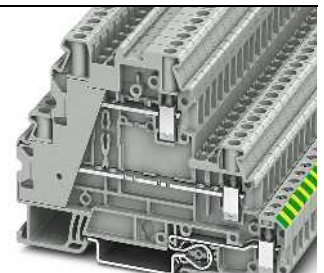
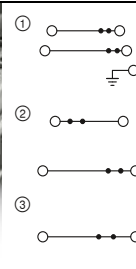
Ordering data			
Type	Order No.	Pcs./Pkt.	
UTTB 4 HV	① 3000610	50	

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

Dimensions		[mm]
Maximum electrical data		
Maximum bridge current	[A]	36
Rated data		
Rated voltage	[V]	1000
Nominal current / cross section	[A] / [mm ²]	30 / 4

Description	Color
Terminal block	gray
	gray
	gray
	gray

Cover, width: 2.2 mm	gray
----------------------	------



36 A, multi-level terminal block with PE foot

Ex: EAC Ex

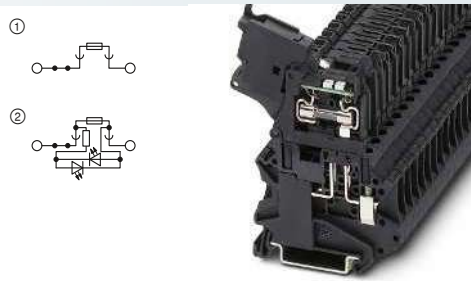
Technical data ¹⁾				
Width	Length	Height		
6.2	92.7	61.7 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
36	500	0.14 - 6	26-10	
28 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	300	300	-	
Nominal current / cross section [A] / [mm ²]				
30 / 4		16 / -		- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
UT 4-PE/L/L	① 3214360	50	
UT 4-PE/L/N	① 3214361	50	
UT 4-L/L	② 3214362	50	
UT 4-L	③ 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 228.
²⁾ If the fuse is faulty, the downstream circuit is not off load.
³⁾ For max. power dissipation, see page 658.
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.

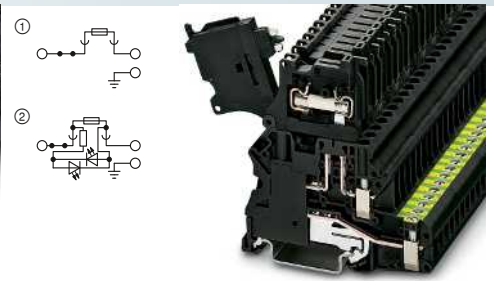


10 A, lever-type fuse terminal block for 5 x 20 mm cartridge fuses



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-HESI LED 24 (5X20)	② 3046090	50		
UT 4-HESI LED 24 (5X20) 120KOHM	② 3248005	50		
UT 4-HESI LED 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



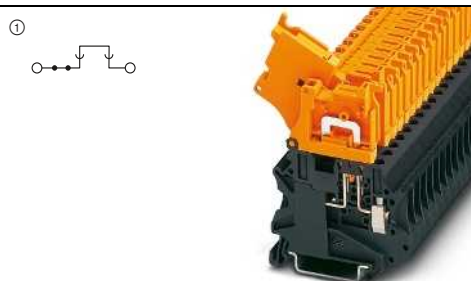
Technical data ¹⁾				
Width	Length	Height		
6.2	70.8	73 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
6.3 ³⁾	500 ⁴⁾	0.14 - 6	26-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500 ⁴⁾	600	600	-	
Nominal current / cross section [A] / [mm ²]				
6.3 / 1 10 / - 10 / - - / -				

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/HESI LED 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 228.
For lever marking, please use marking material with a 5.2 mm pitch.

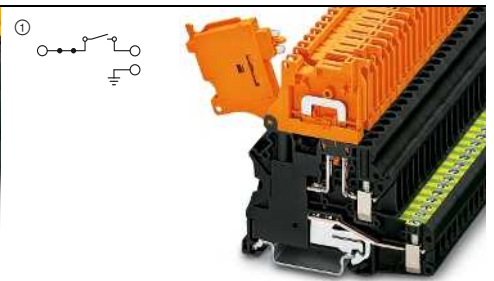


20 A, lever-type disconnect terminal block, same shape



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 / - - / -				

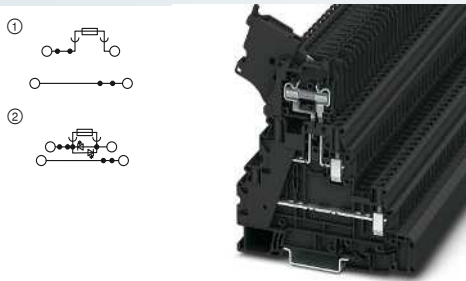
Ordering data				
Type	Order No.	Pcs./Pkt.		
UT 4-PE/HEDI	① 3074004	50		

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 228.
2) If the fuse is faulty, the downstream circuit is not off load.
3) For max. power dissipation, see page 658.
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 644.



36 A, multi-level terminal block, safety lever

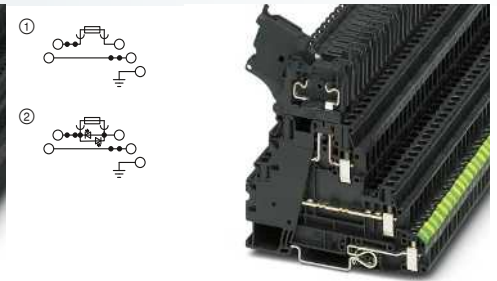


Technical data ¹⁾				
Width	Length	Height		
6.2	92.7	88.9 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
36 ³⁾	500 ³⁾	0.14 - 6	26-10	
28 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500 ³⁾	300	300	-	
28 / 4	16 / -	16 / -	- / -	
6.3 ⁴⁾ / 1 (disconnect level)				

Ordering data			
Type	Order No.	Pcs./Pkt.	
UT 4-L/HESI (5X20)	① 3214325	50	
UT 4-L/HESILED 24 (5X20)	② 3214366	50	
UT 4-L/HESILED 60 (5X20)	② 3214367	50	
UT 4-L/HESILA 250 (5X20)	② 3214368	50	

Dimensions	[mm]
Maximum electrical data	
Maximum 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
	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

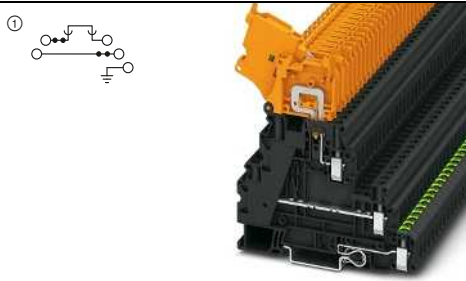


Technical data ¹⁾				
Width	Length	Height		
6.2	92.7	88.9 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
36 ³⁾	500 ³⁾	0.14 - 6	26-10	
28 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500 ³⁾	300	300	-	
28 / 4	16 / -	16 / -	- / -	
6.3 ⁴⁾ / 1 (disconnect level)				

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

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

Notes:
1) For additional accessories and technical data, see page 228.
2) Current and voltage are determined by the connector 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

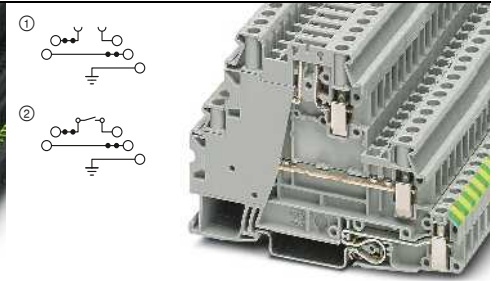


Technical data ¹⁾				
Width	Length	Height		
6.2	92.7	88.9 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
36	500	0.14 - 6	26-10	
28 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	300	300	-	
28 / 4	16 / -	16 / -	- / -	
20 / 1 (disconnect level)				

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

Dimensions	[mm]
Maximum electrical data	
Maximum 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
	gray
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	26-10	
28 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	300	-	-	
28 / 4	16 / -	- / -	- / -	
20 ²⁾ / 2.5 (disconnect level)				

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

Disconnect terminal blocks

Notes:

1) For additional accessories and technical data, see page 228.

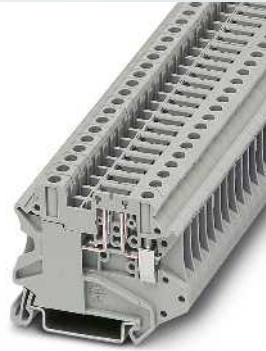
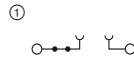
2) If the fuse is faulty, the downstream circuit is not off load.

3) Current and voltage are determined by the plug used.

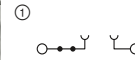
Detailed information and data sheets regarding terminal blocks in the Ex area are available in the product area on our website at www.phoenixcontact.net/products and in IECEx Certificate of Conformity IECEx UL 13.0007U and in UL file E192998.

Only the fuse plugs listed may be used.

For information on installation and using accessories for Ex applications, see page 644.



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)			
Rated data	IEC	UL / CUL	CSA
Rated voltage [V]	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⁾			



Ex: DEMKO14ATEX1353U / IECEx UL 13.0007U

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)			
Rated data	IEC	UL / CUL	CSA
Rated voltage [V]	500 ³⁾	-	250
Nominal current / cross section [A] / [mm ²]	20 ³⁾ / 2.5	- / -	- / -

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]
Maximum electrical data	
Maximum 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

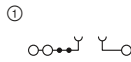
Fuse plug, width 6.2 mm ²	black
With light indicator for 12-30 V DC	black
for 30 – 60 V AC/DC	black
for 110 – 250 V AC/DC	black

Terminal blocks - CLIPLINE complete

4 mm² UT screw connection terminal blocks

Disconnect terminal blocks

Notes:
1) For additional accessories and technical data, see page 228.
2) Current and voltage are determined by the connector used.



20 A, disconnect terminal block, 3 connections

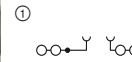


Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	6.2	65.4	47.5 (NS 35/7,5)	
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
	20	500 ²⁾	0.14 - 6	26-10
Maximum bridge current	20 (FBS) / 20 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	500 ²⁾	300	300	-
Nominal current / cross section	20 ²⁾ / 2.5	20 / -	16 / -	- / -

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	

Description	Color
Terminal block	gray
	blue
With test socket screws	gray
	blue
Cover, width: 2.2 mm	gray



20 A, disconnect terminal block, 4 connections



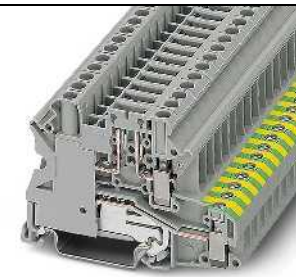
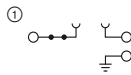
Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	6.2	65.4	47.5 (NS 35/7,5)	
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
	20	500 ²⁾	0.14 - 6	26-10
Maximum bridge current	20 (FBS) / 20 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	500 ²⁾	300	300	-
Nominal current / cross section	20 ²⁾ / 2.5	20 / -	16 / -	- / -

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 terminal blocks

Notes:
1) For additional accessories and technical data, see page 228.
2) Current and voltage are determined by the connector used.
3) Lower level.



20 A, disconnect terminal block with PE foot

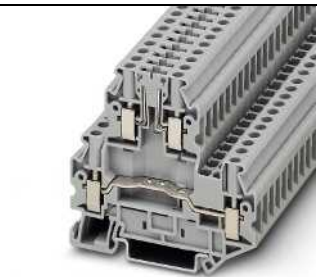
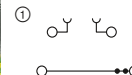


Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	6.2	70.8	47.5 (NS 35/7,5)	
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
	20	500	0.14 - 6	-
Maximum bridge current	20 (FBS) / 20 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	500	-	600	-
Nominal current / cross section	20 / 2.5	- / -	16 / -	- / -
Nominal current / cross section	-	-	-	-

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.	
D-UTTB 2,5/4	3047293	50	
DP-UTTB 2,5/4	3047303	50	

Description	Color
Terminal block	gray
With test socket screws	gray
Disconnect terminal block	gray
Cover, width: 2.2 mm	gray
Spacer plate	gray



38 A, double-level terminal block with disconnect zone



Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	6.2	69.9	65 (NS 35/7,5)	
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
	38 ³⁾	500 ²⁾	0.14 - 6	26-10
Maximum bridge current	30 (FBS) / 24 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	500 ²⁾	600	600	-
Nominal current / cross section	30 / 4	16 / -	5 / -	- / -
Nominal current / cross section	-	-	-	-

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

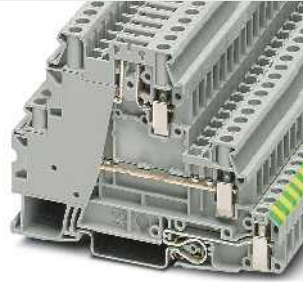
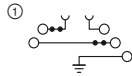
Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-UTTB 2,5/4	3047293	50	
DP-UTTB 2,5/4	3047303	50	

Disconnect terminal blocks

Notes:

1) For additional accessories and technical data, see page 228.

2) Current and voltage are determined by the connector used.



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



Technical data¹⁾

Dimensions	Width	Length	Height	
[mm]	6.2	92.7	61.7 (NS 35/7,5)	
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
	36	500	0.14 - 6	26-10
Maximum bridge current	28 (FBS) / 24 (FBSR)			
[A]				
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	500	300	-	-
[V]				
Nominal current / cross section	28 / 4	16 / -	- / -	- / -
[A] / [mm ²]				
Nominal current / cross section	20 ² / 2.5 (disconnect level)			
[A] / [mm ²]				

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	gray	UT 4-PE/LTG	3214365	50

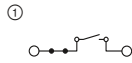
Knife disconnect terminal blocks

Notes:

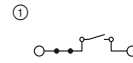
1) For additional accessories and technical data, see page 228.

For additional technical data, drawings, and accessories, please visit phoenixcontact.net/products.

For information on installation and using accessories for Ex applications, see page 644.



20 A, knife disconnect terminal block



20 A, knife disconnect terminal block for Ex nA



Technical data¹⁾

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

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	gray	UT 4-MT	3046139	50
	blue	UT 4-MT BU	3046278	50
With test socket screws	gray	UT 4-MT-P/P	3046171	50
	blue	UT 4-MT-P/P BU	3046265	50



Ex: DEMKO14ATEX1353U / IECEx UL 13.0007U

Technical data¹⁾

Dimensions	Width	Length	Height	
[mm]	6.2	57.8	49.1 (NS 35/7,5)	
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
	20	500	0.14 - 6	-
Maximum bridge current	20 (FBS)			
[A]				
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	500	-	-	500
[V]				
Nominal current / cross section	20 / 2.5	- / -	- / -	16 / 4
[A] / [mm ²]				

Ordering data

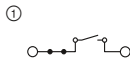
Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	gray	UT 4-MT-EX	3046141	50
With test socket screws	blue	UT 4-MT-P/P-EX	3046173	50

Terminal blocks - CLIPLINE complete

4 mm² UT screw connection terminal blocks

Knife disconnect terminal blocks

Notes:
 1) For additional accessories and technical data, see page 228.



20 A, knife disconnect terminal block, with actuation lever

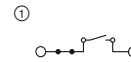


Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	6.2	57.8	49.1 (NS 35/7,5)	
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
	20	500	0.14 - 6	26-10
Maximum bridge current	20 (FBS) / 20 (FBSR) [A]			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	500	600	600	-
Nominal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

Ordering data			
Description	Type	Order No.	Pcs./Pkt.
Terminal block	UT 4-MTL	3046144	50
Red actuation lever	UT 4-MTL KNIFE-RD	3046152	50
White actuation lever	UT 4-MTL KNIFE-WH	3046148	50

Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	6.2	57.8	49.1 (NS 35/7,5)	
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
	20	500	0.14 - 6	26-10
Maximum bridge current	20 (FBS) / 20 (FBSR) [A]			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	500	300	600	-
Nominal current / cross section	20 / 2.5	16 / -	16 / -	- / -

Ordering data			
Description	Type	Order No.	Pcs./Pkt.
Terminal block	UT 4-MTL-P/P	3046146	50
Red actuation lever	UT 4-MTL-P/P KNIFE-RD	3046154	50
White actuation lever	UT 4-MTL-P/P KNIFE-WH	3046150	50



20 A, knife disconnect terminal block, with actuation lever, test socket screws

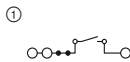


Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	6.2	57.8	49.1 (NS 35/7,5)	
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
	20	500	0.14 - 6	26-10
Maximum bridge current	20 (FBS) / 20 (FBSR) [A]			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	500	300	600	-
Nominal current / cross section	20 / 2.5	16 / -	16 / -	- / -

Ordering data			
Description	Type	Order No.	Pcs./Pkt.
Terminal block	UT 4-MTL-P/P	3046146	50
Red actuation lever	UT 4-MTL-P/P KNIFE-RD	3046154	50
White actuation lever	UT 4-MTL-P/P KNIFE-WH	3046150	50

Knife disconnect terminal blocks

Notes:
 1) For additional accessories and technical data, see page 228.



20 A, knife disconnect terminal block, 3 connections

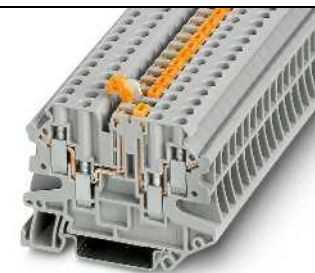
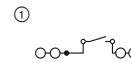


Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	6.2	65.4	49.1 (NS 35/7,5)	
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
	20	500	0.14 - 6	26-10
Maximum bridge current	20 (FBS) / 20 (FBSR) [A]			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	500	300	300	-
Nominal current / cross section	20 / 2.5	20 / -	16 / -	- / -

Ordering data			
Description	Type	Order No.	Pcs./Pkt.
Terminal block	UT 4-TWIN-MT	3046003	50
With test socket screws	UT 4-TWIN-MT BU	3073018	50
	UT 4-TWIN-MT P/P	3064014	50
	UT 4-TWIN-MT P/P BU	3073021	50

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

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



Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	6.2	65.4	49.1 (NS 35/7,5)	
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
	20	500	0.14 - 6	26-10
Maximum bridge current	20 (FBS) / 20 (FBSR) [A]			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	500	300	300	-
Nominal current / cross section	20 / 2.5	20 / -	16 / -	- / -

Ordering data			
Description	Type	Order No.	Pcs./Pkt.
Terminal block	UT 4-QUATTRO-MT	3064043	50
With test socket screws	UT 4-QUATTRO-MT BU	3073050	50
	UT 4-QUATTRO-MT P/P	3064056	50
	UT 4-QUATTRO-MT P/P BU	3073063	50

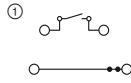
Accessories ¹⁾		
Description	Order No.	Pcs./Pkt.
D-UT 2,5/4-QUATTRO	3047170	50

Knife disconnect terminal blocks

Notes:

1) For additional accessories and technical data, see page 228.

2) Lower level.



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



Technical data¹⁾

Dimensions	[mm]
Maximum electrical data	
Maximum 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

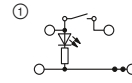
Description	Color
Knife disconnect terminal block	gray
With test socket screws	gray
for 12 – 30 V DC, 0.7 – 2.4 mA	gray

Type	Order No.	Pcs./Pkt.
UTT _B 4-MT	3044775	50
UTT _B 4-MT P/P	3044762	50

Accessories¹⁾

Cover, width: 2.2 mm	gray
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D-UTT_B 2,5/4	3047293	50
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38 A, double-level terminal block with knife disconnect zone, with LED display



Technical data¹⁾

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⁾	24	0.14 - 6	26-10	
36 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
24	600	24	-	
30 / 4	16 / -	30 / -	- / -	
20 / 2.5 (disconnect level)				

Ordering data

Type	Order No.	Pcs./Pkt.
UTT _B 4-MT P/P LA 24 RD/O-U	3046773	50

Accessories¹⁾

D-UTT_B 2,5/4	3047293	50
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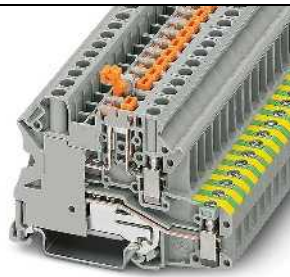
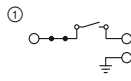
Knife disconnect terminal blocks

Notes:

1) For additional accessories and technical data, see page 228.

2) Lower level.

For additional technical data, drawings, and accessories, please visit phoenixcontact.net/products.



20 A, knife disconnect terminal block with PE foot



Technical data¹⁾

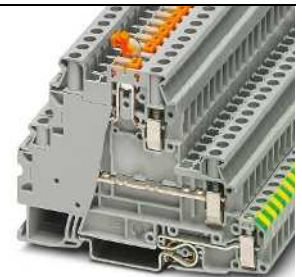
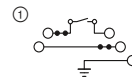
Dimensions	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Nominal current / cross section	[A] / [mm ²]
Connection capacity	
2 conductors (of the same type)	[mm ²]

Width	Length	Height		
6.2	70.8	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	-	600	-	
20 / 2.5	- / -	16 / -	- / -	
	solid	stranded	Ferrule without/with plastic sleeve	
	0.14 - 1.5	0.14 - 1.5	0.25 - 1.5 -	

Ordering data

Description	Color
Knife disconnect terminal block	gray
With test socket screws	gray

Type	Order No.	Pcs./Pkt.
UT 4-PE/MT	3070011	50
UT 4-PE/MT P/P	3046140	50



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	
28 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	300	-	-	
28 / 4	16 / -	- / -	- / -	
20 / 2.5 (disconnect level)				
	solid	stranded	Ferrule without/with plastic sleeve	
	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5 -	

Ordering data

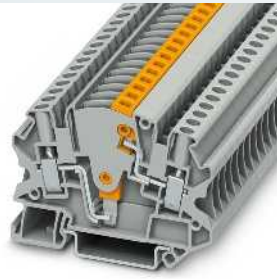
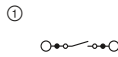
Type	Order No.	Pcs./Pkt.
UT 4-PE/L/MT	3214364	50

Terminal blocks - CLIPLINE complete

4 mm² UT screw connection terminal blocks

Measuring transducer disconnect terminal blocks

Notes:
1) For additional accessories and technical data, see page 228.



28 A, measuring transducer disconnect terminal block



Technical data ¹⁾				
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	
28 (FBS) / 28 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	600	600	-	
28 / 4	25 / -	25 / -	- / -	

Ordering data			
Type	Order No.	Pcs./Pkt.	
UTME 4	① 3047452	50	
UTME 4-P/P	① 3047453	50	
UTME 4-P/P BU	① 3047454	50	

Accessories ¹⁾			
D-UTME 4	Order No.	Pcs./Pkt.	
D-UTME 4	3047491	10	

Dimensions	
	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
28 / 4	25 / -

Description	Color
Meas. trans. disconnect terminal block	gray
With test socket screws	gray
	blue
Ground terminal	green-yellow

Cover, width: 2.2 mm	Color
	gray



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

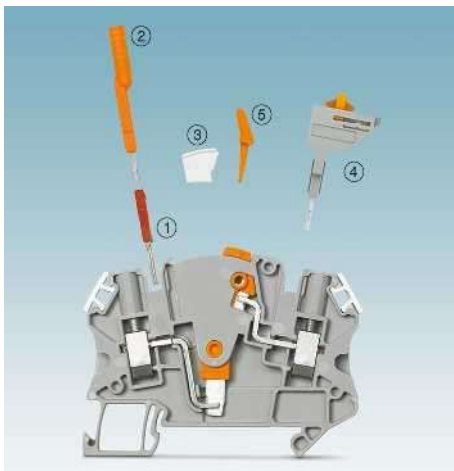


Technical data ¹⁾				
Width	Length	Height		
6.2	66	47.7 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
32	500	0.14 - 6	26-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	600	600	-	
32 / 4	25 / -	25 / -	- / -	

Ordering data			
Type	Order No.	Pcs./Pkt.	
UTMED 4	① 3047465	50	
UTMED 4-PE	② 3047478	50	

Accessories ¹⁾			
D-UTME 4	Order No.	Pcs./Pkt.	
D-UTME 4	3047491	10	

Supplementary accessories for UTME 4 measuring transducer disconnect terminal blocks



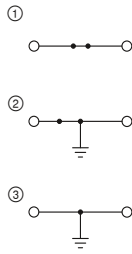
- Only two UTME 4 measuring transducer disconnect terminal blocks are required for a current transformer measuring circuit
 - Less space required compared to creating circuits with slide-type terminal blocks
- ① FBS... plug-in bridge for cross connection
 - ② 4 mm Ø PAI-4-FIX... test plug adapter
 - ③ S-ME 4 switching lock
 - ④ SB-ME... bridge bar
 - ⑤ C-ME 4/2 operating lever

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
Bridge bar , plug-in	2	gray/orange
	3	gray/orange
	4	gray/orange
Operating lever , for actuating 2 meas. trans. disc. 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	

Diode terminal blocks

Notes:
 1) For additional accessories and technical data, see page 228.
 For information on installation and using accessories for Ex applications, see page 644.



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



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

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	800	0.14 - 6	26-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	600	600	690	
Nominal current / cross section [A] / [mm ²]				
32 / 4	30 / -	30 / -	29 / 4	

Ordering data

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

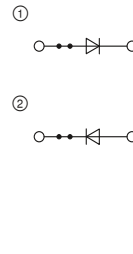
Accessories¹⁾

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

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

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

Cover, width: 2.2 mm	gray
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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	-	
Nominal current / cross section [A] / [mm ²]				
0.5 / 1	0.5 / -	1 / -	- / -	

Ordering data

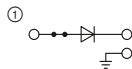
Type	Order No.	Pcs./Pkt.
UT 4-MTD-DIO/L-R	① 3046210	50
UT 4-MTD-DIO/R-L	② 3046236	50

Accessories¹⁾

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

Diode terminal blocks

Notes:
 1) For additional accessories and technical data, see page 228.



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



Technical data¹⁾

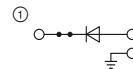
Width	Length	Height		
6.2	70.8	47.5 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
0.5	500	0.14 - 6	26-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	600	600	-	
Nominal current / cross section [A] / [mm ²]				
0.5 / 1	0.5 / -	0.5 / -	- / -	

Ordering data

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

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

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



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	600	-	
Nominal current / cross section [A] / [mm ²]				
0.5 / 1	0.5 / -	0.5 / -	- / -	

Ordering data

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

Terminal blocks - CLIPLINE complete

4 mm² UT screw connection terminal blocks

Installation terminal blocks

Notes:
 1) For additional accessories and technical data, see page 228.

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

ERC

Dimensions	
	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Connection capacity	
1 conductor	[mm ²]

Technical data ¹⁾				
Width	Length	Height		
6.2	55	47.5 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
32	250	0.14 - 6	-	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
250	-	-	-	
Nominal current / cross section				
32 / 4	- / -	- / -	- / -	
solid		stranded		Ferrule
				without/with plastic sleeve
0.14 - 6	0.14 - 6	0.25 - 4	0.25 - 4	

Description	Color
Neutral disconnect terminal block	blue

Ordering data		
Type	Order No.	Pcs./Pkt.
UTN 4	3245024	50

Cover, width: 2.2 mm	blue
Support bracket	blue

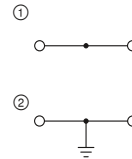
Accessories ¹⁾		
Type	Order No.	Pcs./Pkt.
D-UTN 2,5/10	3245079	50
AB-UTN 2,5/10	3245082	50

Mini feed-through terminal blocks and ground terminals

Notes:

¹⁾ For additional accessories and technical data, see page 228.

For information on installation and using accessories for Ex applications, see page 644.



41 A, feed-through terminal block and ground terminal



Ex: EAC Ex

SEV13ATEX0178U / IECEx SEV13.0012U

Technical data¹⁾

Dimensions	Width	Length	Height	
	6.2	29.9	34 (NS 15)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. \varnothing [mm ²]	AWG (UL)
	41	500	0.2 - 6	24-10
Rated data	28 (FBS) / 24 (FBSR)			
Maximum bridge current	[A]	IEC	UL / CUL	CSA Ex
Rated voltage	[V]	500	300	600 352
Nominal current / cross section	[A] / [mm ²]	32 / 4	30 / -	30 / - 27.5 / 6
Cross section range	AWG	24 - 10	-	-
Connection capacity	solid		stranded Ferrule	
1 conductor	[mm ²]	0.2 - 6	0.2 - 6	without/with plastic sleeve 0.25 - 4 0.25 - 4
2 conductors (of the same type)	[mm ²]	0.2 - 1.5	0.2 - 1.5	0.25 - 1.5 -

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	gray	MUT 4	① 3248035	50
	blue	MUT 4 BU	① 3248036	50
Ground terminal	green-yellow	MUT 4-PE	② 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			
Flammability rating according to UL 94		VO			

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

Notes:



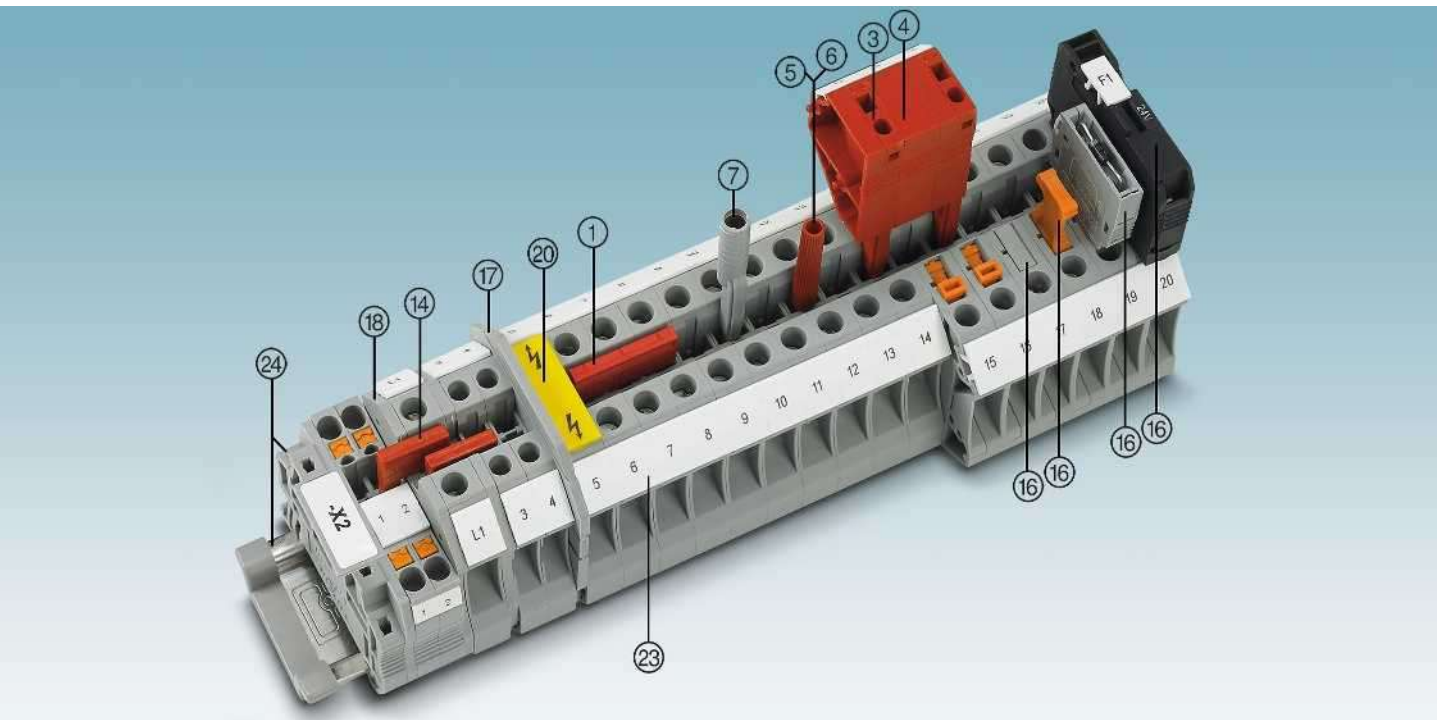
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

¹⁾ The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 6 mm² UT screw connection terminal blocks

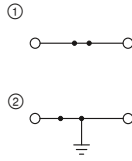


Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① Plug-in bridge ¹⁾	2	red	FBS 2-8	3030284	10	FBSR 2-8	3033808	10
	3	red	FBS 3-8	3030297	10	FBSR 3-8	3001597	10
	4	red	FBS 4-8	3030307	10	FBSR 4-8	3000585	10
	5	red	FBS 5-8	3030310	10	FBSR 5-8	3033809	10
	10	red	FBS 10-8	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 402.
⑮ Fuse and function plugs for disconnect terminal blocks	For P-FU ... / P-DI / P-FIX / P-CO ..., see from page 408.
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 413.
㉑ Lateral groove marking	UC-TM 8, UCT-TM 8 or ZB 8. See also Catalog 3, selection tables from page 68.
㉒ DIN rails and end brackets	See Catalog 3
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 242.
 For information on installation and using accessories for Ex applications, see page 644.



57 A, feed-through terminal block and ground terminal



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

Technical data¹⁾

Dimensions	[mm]
Width	8.2
Length	47.7
Height	47.5 (NS 35/7,5)

Maximum electrical data	[A]
Maximum bridge current	57
Rated data	41 (FBS) / 32 (FBSR)
Rated voltage	1000
Nominal current / cross section	41 / 6

Description	Color
Terminal block	gray blue
Ground terminal	green-yellow

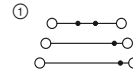
Cover, width: 2.2 mm gray

Ordering data

Type	Order No.	Pcs./Pkt.
UT 6	3044131	50
UT 6 BU	3044144	50
UT 6-PE	3044157	50

Accessories¹⁾

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



50 A, multi-level terminal block



Technical data¹⁾

Dimensions	[mm]
Width	8.2
Length	110
Height	98.8 (NS 35/7,5)

Maximum electrical data	[A]
Maximum bridge current	50
Rated data	36 (FBS)
Rated voltage	1000
Nominal current / cross section	36 / 6

Ordering data

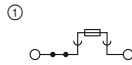
Type	Order No.	Pcs./Pkt.
UT 6-3L	3046703	50

Accessories¹⁾

Type	Order No.	Pcs./Pkt.
D-UT 6-3L	3046707	50

Fuse terminal blocks

Notes:
 1) For additional accessories and technical data, see page 242.
 2) If the fuse is faulty, the downstream circuit is not off load.
 3) For max. power dissipation, see page 658.
 4) The current is determined by the fuse used, the voltage by the light indicator. Observe max. power dissipation.
 5) 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⁾

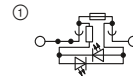
Dimensions	[mm]
Width	8.2
Length	57.8
Height	73 (NS 35/7,5)

Maximum electrical data	[A]
Maximum bridge current	10 ³⁾
Rated data	41 (FBS) / 32 (FBSR)
Rated voltage	630 ⁵⁾
Nominal current / cross section	10 ⁵⁾ / 1.5

Description	Color
Terminal block	black black
With LED for 12–30 V AC/DC, 0.31–0.95 mA ²⁾	black 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

Ordering data

Type	Order No.	Pcs./Pkt.
UT 6-HESI (6,3X32)	3046401	50



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



Technical data¹⁾

Dimensions	[mm]
Width	8.2
Length	57.8
Height	73 (NS 35/7,5)

Maximum electrical data	[A]
Maximum bridge current	10 ³⁾
Rated data	41 (FBS) / 32 (FBSR)
Rated voltage	24 ⁴⁾
Nominal current / cross section	10 ⁵⁾ / 1.5

Ordering data

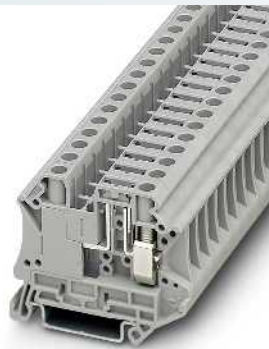
Type	Order No.	Pcs./Pkt.
UT 6-HESILED 24 (6,3X32)	3046414	50
UT 6-HESILED 60 (6,3X32)	3046427	50
UT 6-HESILA 250 (6,3X32)	3046430	50

Terminal blocks - CLIPLINE complete

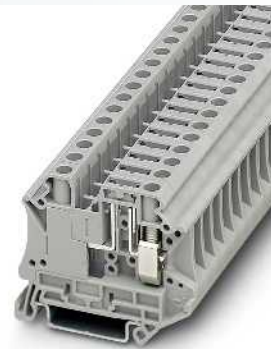
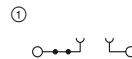
6 mm² UT screw connection terminal blocks

Disconnect terminal blocks

Notes:
1) For additional accessories and technical data, see page 242.
2) If the fuse is faulty, the downstream circuit is not off load.
3) Current and voltage are determined by the connector 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 644.



20 A, disconnect terminal block



20 A, disconnect terminal block for Ex nA



ERIC



DEMKO14ATEX1353U / IECEx UL 13.0007U

Dimensions	
	[mm]
Maximum electrical data	
Maximum 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 / -	- / -

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	

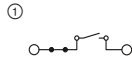
Fuse plug, width 8.2 mm ²⁾	
With LED for 12-30 V DC, 0.35-0.95 mA	black
for 30-60 V AC/DC, 0.36-0.95 mA	black
for 110-250 V AC/DC, 0.4-0.95 mA	black

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

Notes:
 1) For additional accessories and technical data, see page 242.



20 A, knife disconnect terminal block



Technical data¹⁾

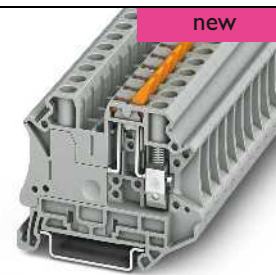
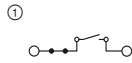
Dimensions	Width	Length	Height		
[mm]	8.2	57.8	49.1 (NS 35/7,5)		
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
	20	500	0.2 - 10	24-8	
Maximum bridge current	20 (FBS) / 20 (FBSR) [A]				
Rated data	IEC	UL / CUL	CSA	Ex	
Rated voltage	500	600	600	-	
Nominal current / cross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

Ordering data

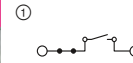
Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	gray	UT 6-MT	3064069	50
	blue	UT 6-MT BU	3073267	50
With test socket screws	gray	UT 6-MT P/P	3064072	50
	blue	UT 6-MT P/P BU	3073270	50

Knife disconnect terminal blocks

Notes:
 1) For additional accessories and technical data, see page 242.



20 A, knife disconnect terminal block, with actuation lever



20 A, knife disconnect terminal block, with actuation lever, test socket screws



Technical data¹⁾

Dimensions	Width	Length	Height		
[mm]	8.2	57.8	49.1 (NS 35/7,5)		
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
	20	500	0.2 - 10	24-8	
Maximum bridge current	20 (FBS) / 20 (FBSR) [A]				
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.	Pcs./Pkt.
Terminal block	gray	UT 6-MTL	3046145	50
Red actuation lever	gray	UT 6-MTL KNIFE-RD	3046153	50
White actuation lever	gray	UT 6-MTL KNIFE-WH	3046149	50



Technical data¹⁾

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

Ordering data

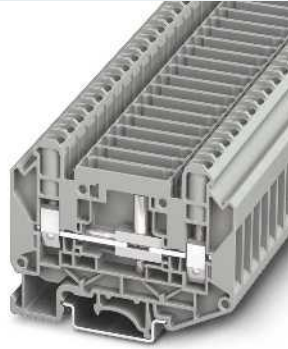
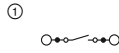
Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	gray	UT 6-MTL P/P	3046147	50
Red actuation lever	gray	UT 6-MTL-P/P KNIFE-RD	3046155	50
White actuation lever	gray	UT 6-MTL P/P KNIFE-WH	3046151	50

Terminal blocks - CLIPLINE complete

6 mm² UT screw connection terminal blocks

Measuring transducer disconnect terminal blocks

Notes:
For further plug-in bridges, see page 396.
For further test sockets, see page 565.
For corresponding AP-ME and AH-ME terminal strip covers, see Catalog 3.



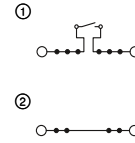
57 A, 1000 V, measuring transducer disconnect terminal block, 2 plug-in bridge shafts



Technical data				
Width	Length	Height NS 35/7,5		
8.2	72.6	54.3		
Width	Length	Height NS 32		
8.2	72.6	59.3		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
57	1000	0.2 - 10	-	
IEC 60947-7-1				
IEC	UL / CUL	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		

Ordering data						
Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Terminal block		gray	UT 6-T-HV	①	3070134	50
With test socket screws		gray	UT 6-T-HV P/P	①	3070121	50
Feed-through terminal block		gray				

Accessories					
Cover, width: 2.2 mm		gray	D-UT 6-T-HV	3070147	50
Plug-in bridge					
	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, printed					
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	silver			
Bridge bar					
	2	orange			
	3	orange			
	4	orange			
Bridge bar, 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
Disconnect plate, 1 mm width		gray			
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			
		green			
		violet			
		black			



50 A, measuring transducer disconnect terminal block, 4 plug-in bridge shafts, 2 screw bridge shafts



Technical data				
Width	Length	Height NS 35/7,5		
8.2	105.2	53		
Width	Length	Height NS 32		
8.2	105.2	58		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
50	1000	0.2 - 10	20-8	
IEC 60947-7-1				
IEC	UL / CUL	CSA	IEC/ EN 60079-7	
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		

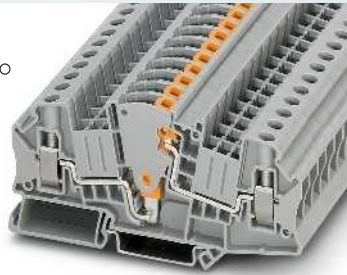
Ordering data						
Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Terminal block		gray	UT 6-T/SP	①	3072815	50
With test socket screws		gray	UTD 6/SP	②	3072817	50

Accessories					
Cover, width: 2.2 mm		gray	D-UT 6-T/SP	3072816	50
Plug-in bridge					
	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, printed					
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	silver			
Bridge bar					
	2	orange			
	3	orange			
	4	orange			
Bridge bar, 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
Disconnect plate, 1 mm width		gray			
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

Measuring transducer disconnect terminal blocks

Notes:

1) For additional accessories and technical data, see page 242.
For corresponding terminal strip covers, see Catalog 3.



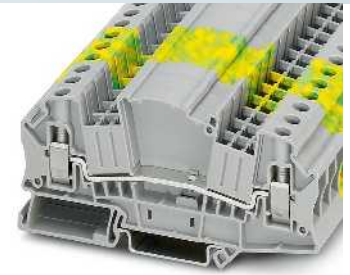
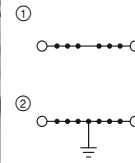
30 A, measuring transducer disconnect terminal block



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
30 (FBS) / 30 (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



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)
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]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
30 (FBS) / 30 (FBSR)	
500	
30 / 6	
Description	
Description	Color
Measuring transducer disconnect terminal block	gray
Ground terminal	green-yellow
Cover, width: 2.2 mm	gray

Supplementary accessories for UTME 6 measuring transducer disconnect terminal blocks



- Only two UTME 6 measuring transducer 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... plug-in bridge for cross connection
 - 2) 4 mm Ø PAI-4-FIX... test plug adapter
 - 3) S-ME 6 switching lock
 - 4) SB-ME... bridge bar
 - 5) C-ME 6/2 operating lever

Description	No. of pos.	Color
Test adapter, for 4 mm Ø safety test connector, snapped into 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
	3	gray/orange
	4	gray/orange
Operating lever, for actuating meas. trans. disc. terminal blocks	1	orange
	2	orange
	3	orange

Ordering data		
Type	Order No.	Pcs./Pkt.
PAI-4-FIX OG	3034455	10
PAI-4-FIX YE	3032745	10
PAI-4-FIX GN	3032758	10
PAI-4-FIX VT	3032761	10
PAI-4-FIX BK	3032774	10
PAI-4-FIX BU	3032729	10
PAI-4-FIX RD	3032732	10
PAI-4-FIX GY	3032790	10
PAI-4-FIX BN	3032787	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

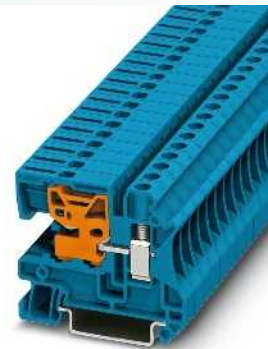
Terminal blocks - CLIPLINE complete

6 mm² UT screw connection terminal blocks

Installation terminal blocks

Notes:
 1) For additional accessories and technical data, see page 242.

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

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

Technical data ¹⁾				
Width	Length	Height		
8.2	55	47.5 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
41	400	0.2 - 10	-	
41 (FBS) / 32 (FBSR)				
IEC	UL / CUL	CSA	Ex	
400	-	-	-	
41 / 6	- / -	- / -	- / -	

Description	Color
Terminal block	blue

Ordering data		
Type	Order No.	Pcs./Pkt.
UTN 6	3245037	50

Cover, width: 2.2 mm	blue
Support bracket	blue

Accessories ¹⁾		
Type	Order No.	Pcs./Pkt.
D-UTN 2,5/10	3245079	50
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 without/with plastic sleeve	
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			
Flammability rating according to UL 94		VO			

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

Notes:



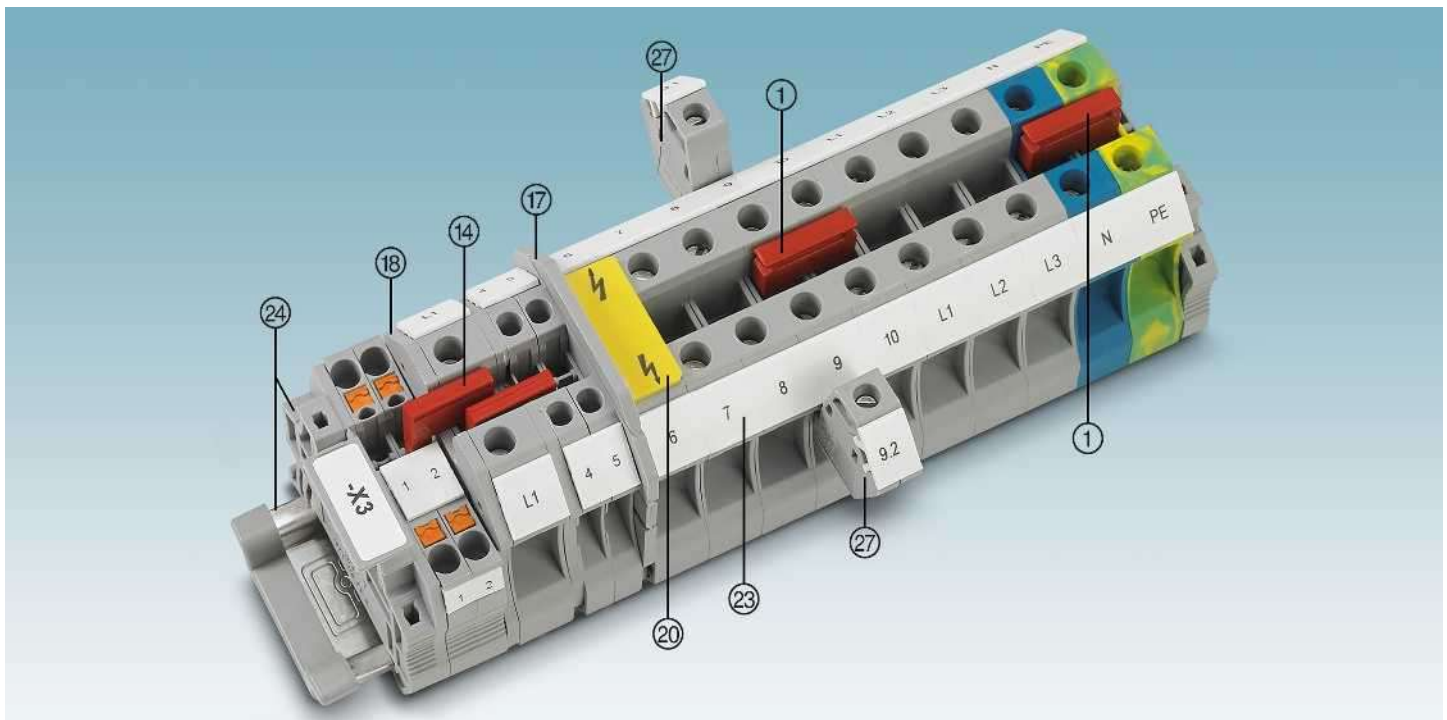
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

*) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 10 mm² UT screw connection terminal blocks



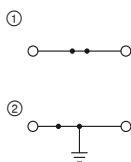
Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① Plug-in bridge ¹⁾	2	red	FBS 2-10	3005947	10			
	5	red	FBS 5-10	3005948	10			
② Tap-off terminal block		gray	AGK 4-UT 10	3047112	50			
Screwdriver			SZS 1,0X4,0 VDE	1205066	10			
④ Reducing bridge	For RB ..., see page 402.							
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 413.							
⑫ Lateral groove marking	UC-TM 10, UCT-TM 10 or ZB 10. See also Catalog 3, selection tables from page 68.							
⑭ DIN rails and end brackets	See Catalog 3							
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 250.

For information on installation and using accessories for Ex applications, see page 644.



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)
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²] AWG (UL)
	76	1000	0.5 - 16 20-6
Maximum 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⁾

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

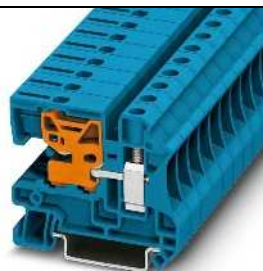
Installation terminal blocks

Notes:

1) For additional accessories and technical data, see page 250.

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)
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²] AWG (UL)
	57	400	0.5 - 16 -
Maximum 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⁾

Description	Color	Type	Order No.	Pcs./Pkt.
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

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			
Flammability rating according to UL 94		VO			

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

Notes:



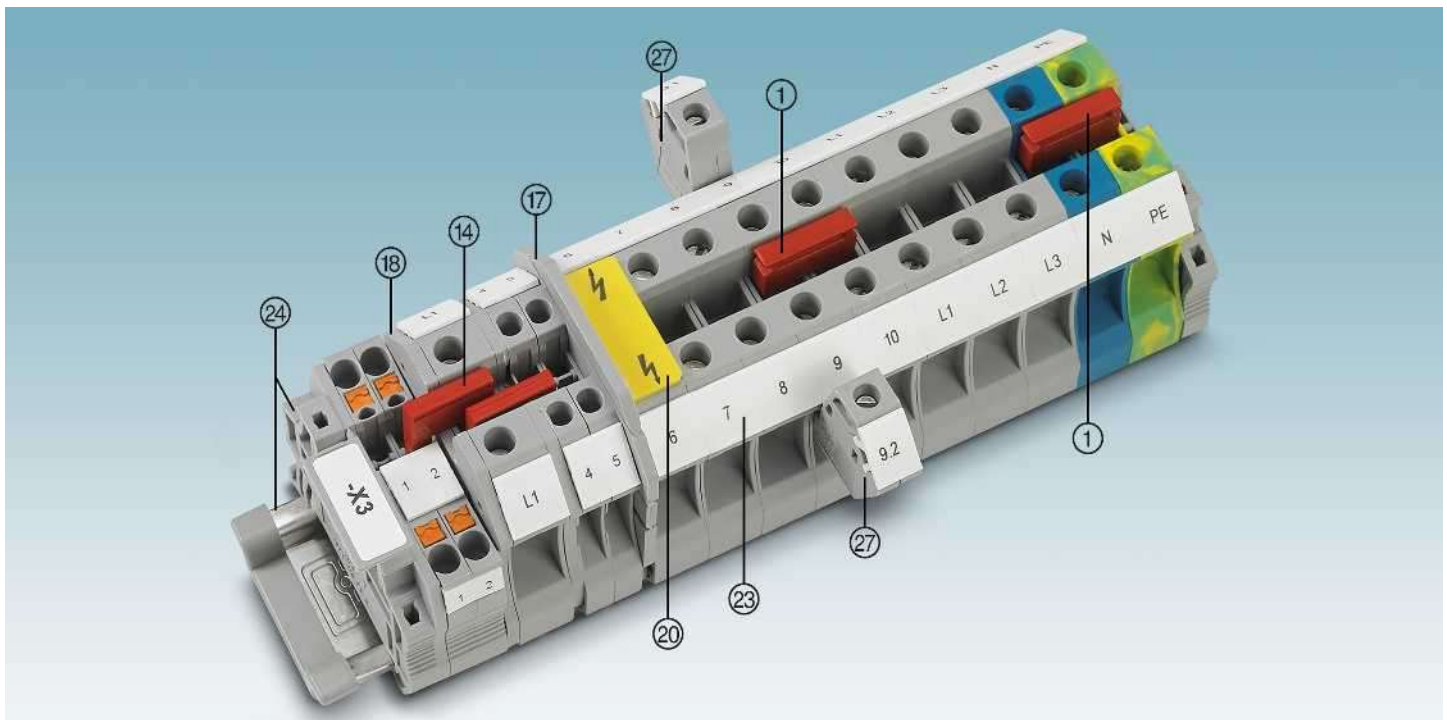
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

¹⁾ The bridge current is documented for the respective product. For additional colors, see page 396.

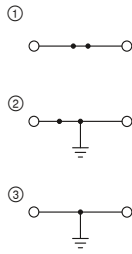
System accessories for 16 mm² UT screw connection terminal blocks



Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① Plug-in bridge ¹⁾	2	red	FBS 2-12	3005950	10			
⑦ Tap-off terminal block		gray	AGK 4-UT 16	3047125	50			
Screwdriver			SZS 1,0X6,5 VDE	1205079	10			
⑭ Reducing bridge	For RB ..., see page 402.							
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 413.							
㉑ Lateral groove marking	UC-TM 12, UCT-TM 12 or ZB 12. See also Catalog 3, selection tables from page 68.							
㉒ DIN rails and end brackets	See Catalog 3							
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 252.
 For information on installation and using accessories for Ex applications, see page 644.



101 A, feed-through terminal block and ground terminal

UL, IEC, EAC, ENEC, CE, RoHS, REACH
 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)
Maximum electrical data	I _{max} [A]	U _{max} [V]	max. Ø [mm ²] AWG (UL)
	101	1000	1.5 - 25 16-4
Maximum 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 ①	3044199	50
UT 16 BU ①	3044209	50
UT 16-PE ②	3044212	50
UT 16-PE/S ③	3215915	50

Accessories¹⁾

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

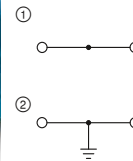
Description	Color
Terminal block	gray blue
Ground terminal	green-yellow green-yellow
With screw foot	green-yellow
Cover, width: 2.2 mm	gray

Installation terminal blocks

Notes:
 1) For additional accessories and technical data, see page 252.
 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

ERL

Dimensions	Width	Length	Height
[mm]	12.2	55	50.5 (NS 35/7,5)
Maximum electrical data	I _{max} [A]	U _{max} [V]	max. Ø [mm ²] AWG (UL)
	76	400	6 - 25 -
Maximum 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	Flammability rating according to UL 94	
	12	V2	

Technical data¹⁾

Ordering data

Type	Order No.	Pcs./Pkt.
UTN 16 ①	3245053	50

ERL

Dimensions	Width	Length	Height
[mm]	12.2	51	50.5 (NS 35/7,5)
Maximum electrical data	I _{max} [A]	U _{max} [V]	max. Ø [mm ²] AWG (UL)
	76	400	6 - 25 -
Maximum 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	Flammability rating according to UL 94	
	12	V2	

Technical data¹⁾

Ordering data

Type	Order No.	Pcs./Pkt.
UTI 16 ①	3073827	50
UTI 16 BU ①	3075728	50
UTI 16-PE ②	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 without/with plastic sleeve	
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			
Flammability rating according to UL 94		VO			

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

Notes:



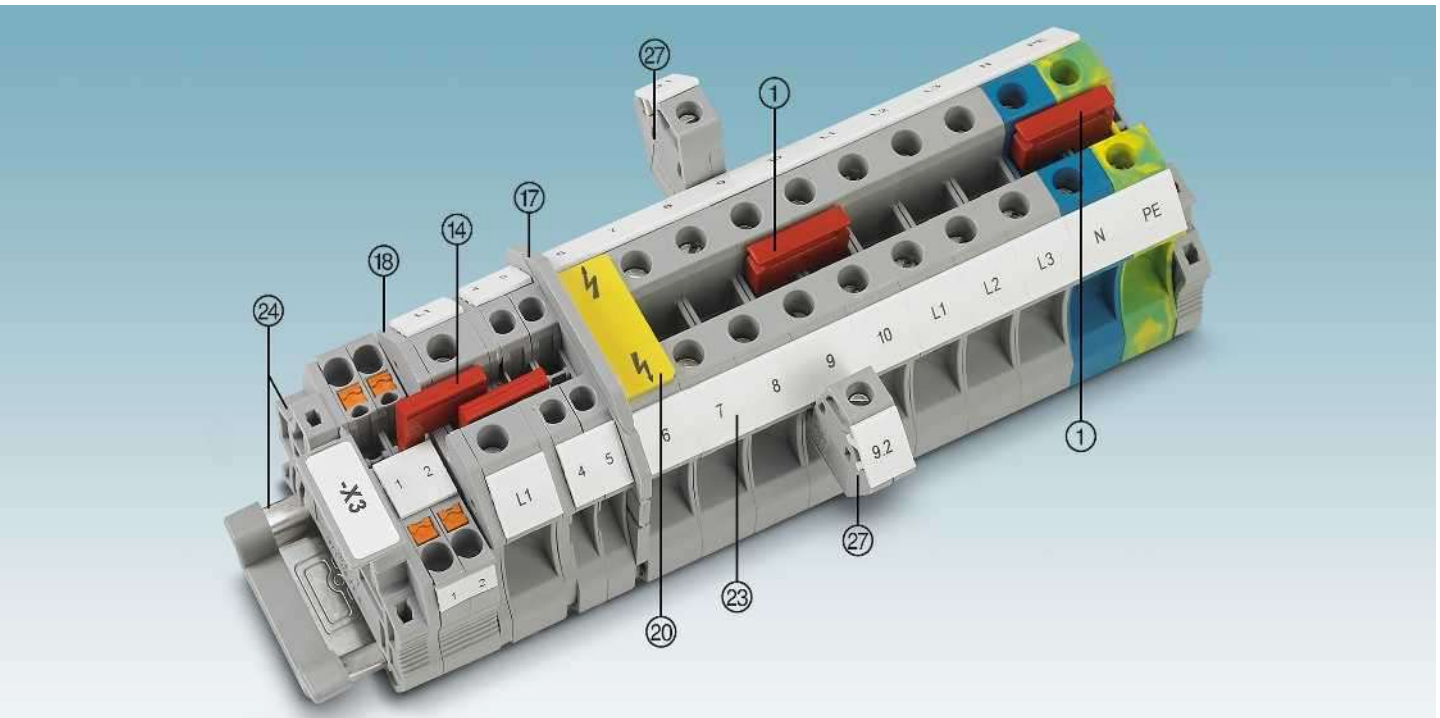
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

1) The bridge current is documented for the respective product. For additional colors, see page 396.

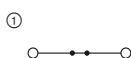
System accessories for 35 mm² UT screw connection terminal blocks



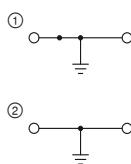
Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① Plug-in bridge ¹⁾	2	red	FBS 2-16	3005963	10			
⑦ Tap-off terminal block		gray	AGK 4-UT 35	3047138	50			
Screwdriver			SZS 1,0X6,5 VDE	1205079	10			
⑭ Reducing bridge	For RB ..., see page 402.							
⑰ Partition plates/end cover segments	For ATP-... / DS-..., visit phoenixcontact.net/products							
⑱ Cover	Documented for the product							
⑳ Warning labels	For WS ..., see page 413.							
㉑ Lateral groove marking	UC-TM 16, UCT-TM 16 or ZB 16,3. See also Catalog 3, selection tables from page 68.							
㉒ DIN rails and end brackets	See Catalog 3							
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 254.
 For information on installation and using accessories for Ex applications, see page 644.



150 A, feed-through terminal block



125 A, ground terminal



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

Technical data¹⁾

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	14-14	
Maximum bridge current	101 [A]			
Rated data				
Rated voltage	1000	600	1000	690
Nominal current / cross section	125 / 35	150 / -	150 / -	126 / 35
Cross section range	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

Dimensions	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Cross section range	AWG
Connection capacity	
1 conductor	[mm ²]

Description	Color
Terminal block	gray blue
Ground terminal	green-yellow green-yellow

Ordering data

Type	Order No.	Pcs./Pkt.
UT 35	3044225	50
UT 35 BU	3044238	50



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

Technical data¹⁾

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	
Maximum bridge current	101 [A]			
Rated data				
Rated voltage	1000	600	1000	690
Nominal current / cross section	125 / 35	- / -	- / -	- / 35
Cross section range	16 - 2	-	-	-
Connection capacity	solid		stranded Ferrule without/with plastic sleeve	
1.5 - 35	1.5 - 35	1.5 - 35	1.5 - 35	

Ordering data

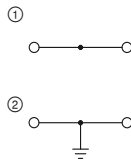
Type	Order No.	Pcs./Pkt.
UT 35-PE	3044241	50
UT 35-PE/S	3215928	50

Installation terminal blocks

Notes:
 1) For additional accessories and technical data, see page 254.
 Only FBI ...-15 bridges can be used for UT1 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 data¹⁾

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	-	
Maximum bridge current	-			
Rated data				
Rated voltage	400	-	-	-
Nominal current / cross section	110 / 35	- / -	- / -	- / -
Cross section range	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	16 [mm]			
Flammability rating according to UL 94	V2			

Dimensions	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Cross section range	AWG
Connection capacity	
1 conductor	[mm ²]
2 conductors (of the same type)	[mm ²]
General data	
Stripping length	[mm]
Flammability rating according to UL 94	

Description	Color
Terminal block	gray blue
Ground terminal, closed	green-yellow

Ordering data

Type	Order No.	Pcs./Pkt.
UTN 35	3245066	50



Technical data¹⁾

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	-	
Maximum bridge current	135 [A]			
Rated data				
Rated voltage	800	-	-	-
Nominal current / cross section	125 / 35	- / -	- / -	- / -
Cross section range	18 - 2	-	-	-
Connection capacity	solid		stranded Ferrule without/with plastic sleeve	
0.75 - 35	0.75 - 35	0.75 - 35	0.75 - 35	
0.75 - 10	0.75 - 10	0.75 - 10	-	
General data				
Stripping length	16 [mm]			
Flammability rating according to UL 94	V2			

Type	Order No.	Pcs./Pkt.
UT1 35	3074088	50
UT1 35 BU	3075731	50
UT1 35-PE	3074091	50

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			
Flammability rating according to UL 94		VO			

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

Notes:



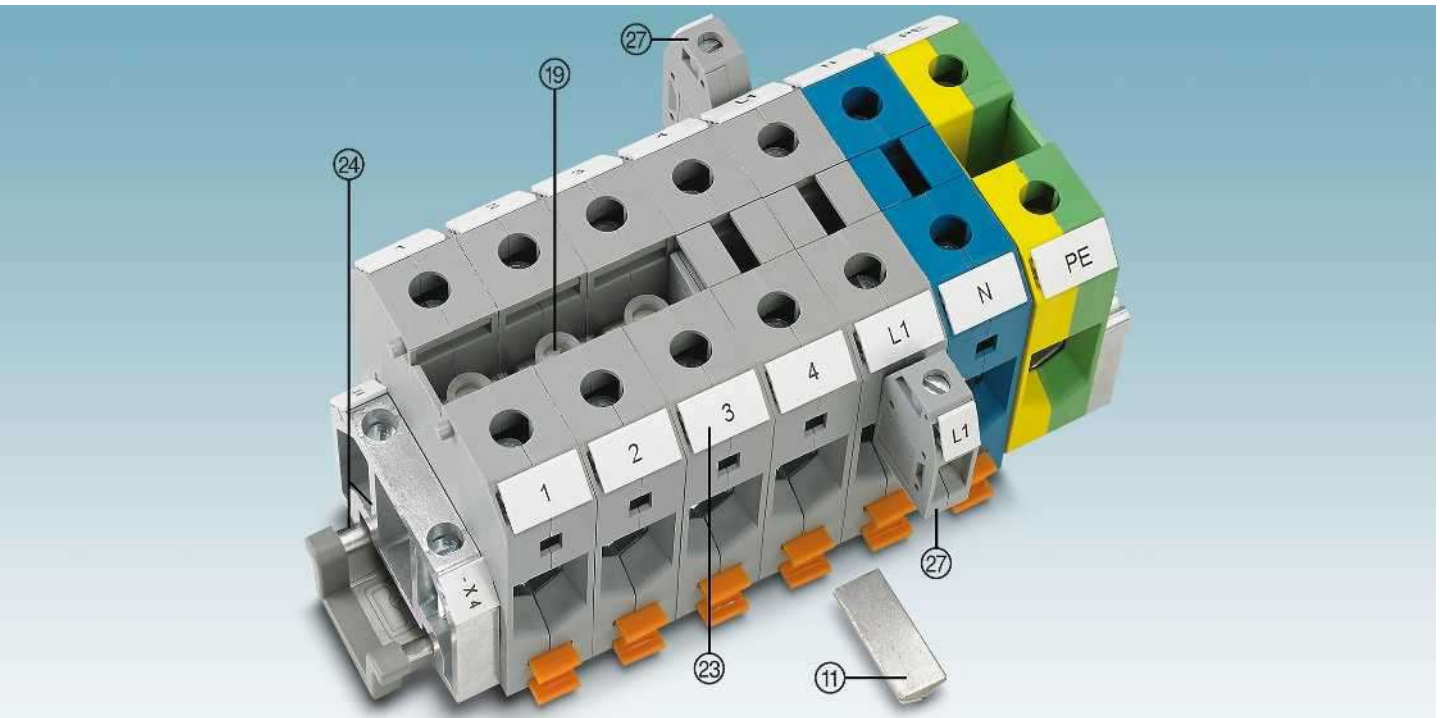
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

¹⁾ The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 50 mm² UKH screw connection terminal blocks



Description	Number of pos.	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 556		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

Ⓓ DIN rails and end brackets

For full accessories, visit phoenixcontact.net/products

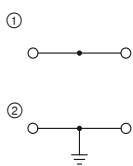
UC-TM 10, UCT-TM 10 or ZB 10. See also Catalog 3, selection tables from page 68.

See Catalog 3

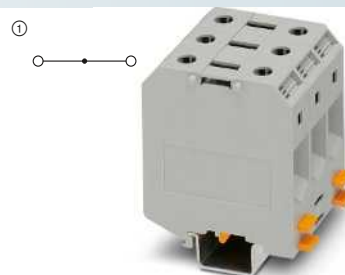
Note: Additional or deviating accessories are documented for the product.

High-current terminal blocks

Notes:
 1) For additional accessories and technical data, see page 256.
 For information on installation and using accessories for Ex applications, see page 644.



150 A, feed-through terminal block



150 A, terminal block bases

Ex:

 KEMA 98ATEX1786U / IECEx KEM 06.0029U

ERC

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

Technical data ¹⁾			
Width	Length	Height	
20	70.5	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
150			
IEC	UL / CUL	CSA	Ex
1000	600	600	690
150 / 50	150 / -	150 / -	133 / 50

Technical data ¹⁾			
Width	Length	Height	
60	70.5	83.5 (NS 35/15) / 81 (NS 32)	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
150	1000	16 - 70	-
150			
IEC	UL / CUL	CSA	Ex
1000	-	-	-
150 / 50	- / -	- / -	- / -

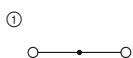
Description	Color
Terminal block	gray
	blue
Terminal block, voltage 1500 V	gray
	blue
Ground terminal	green-yellow
Terminal block base, 3 x gray	gray
3 x gray, 1 x blue	gray/blue
3 x gray, 1 x black-yellow	gray/black-yellow
3 x gray, 1 x blue, 1 x black-yellow	gray/blue/black-yellow

Ordering data			
Type	Order No.	Pcs./Pkt.	
UKH 50	3009118	10	
UKH 50 BU	3009105	10	
UKH 50 1500V	3247400	10	
UKH 50 1500V BU	3247402	10	
USLKG 50	0443049	10	

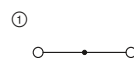
Ordering data			
Type	Order No.	Pcs./Pkt.	
UKH 50-3L	3076634	3	
UKH 50-3L/N	3076635	2	
UKH 50-3L/FE	3076636	2	
UKH 50-3L/N/FE	3076637	2	

High-current terminal blocks for direct mounting

Notes:
 1) For additional accessories and technical data, see page 256.



150 A, feed-through terminal block for direct mounting



150 A, terminal block base for direct mounting

ERC

ERC

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

Technical data ¹⁾			
Width	Length	Height	
20	103.4	76	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
150	1000	16 - 70	-
150			
IEC	UL / CUL	CSA	Ex
1000	-	-	-
150 / 50	- / -	- / -	- / -

Technical data ¹⁾			
Width	Length	Height	
60	103.4	76	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
150	1000	16 - 70	-
150			
IEC	UL / CUL	CSA	Ex
1000	-	-	-
150 / 50	- / -	- / -	- / -

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 50-F	3247019	10	

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 without/with plastic sleeve	
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			
Flammability rating according to UL 94		VO			

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

Notes:



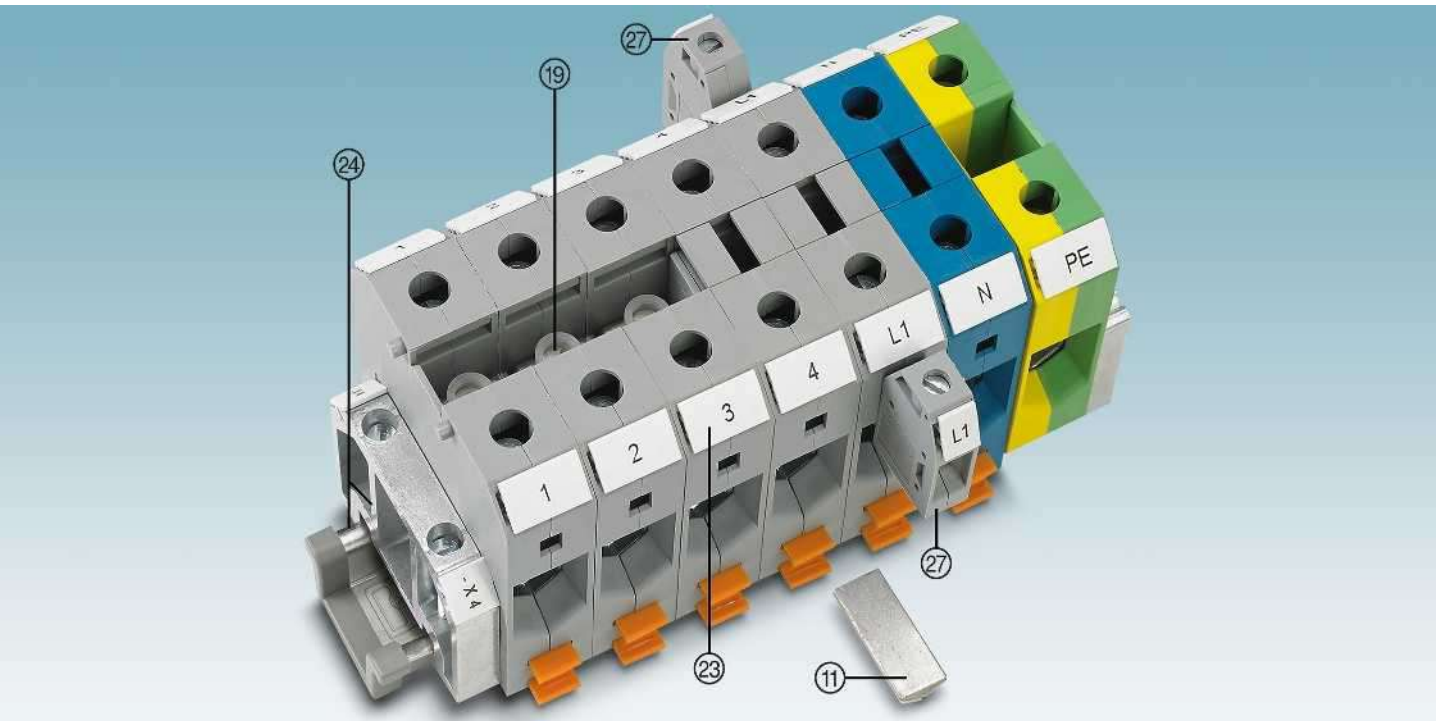
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

¹⁾ The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 70 mm² UKH screw connection terminal blocks



Description	Number of pos.	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 556								
Ⓡ Tap-off terminal block		gray	AGK 10-UKH 50	3001763	10			
Allen key			VDE-ISS 6	1201934	1			

Ⓣ Lateral groove marking

Ⓞ DIN rails and end brackets

For full accessories, visit phoenixcontact.net/products

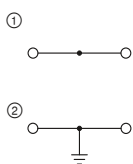
UC-TM 10, UCT-TM 10 or ZB 10. See also Catalog 3, selection tables from page 68.

See Catalog 3

Note: Additional or deviating accessories are documented for the product.

High-current terminal blocks

Notes:
 1) For additional accessories and technical data, see page 258.
 For information on installation and using accessories for Ex applications, see page 644.



192 A, feed-through terminal block



192 A, terminal block bases

UL ENEC EAC DNV GL CB
 Ex: EAC Ex
 SEV12ATEX0168U / IECEx SEV12.0008U

Technical data ¹⁾			
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 1500V	3247461	10	
UKH 70-PE/S	3213141	10	

UL ENEC EAC

Technical data ¹⁾			
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	6-3/0
192			
IEC	UL / CUL	CSA	Ex
1000	1000	-	-
192 / 70	192 / -	- / -	- / -

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	

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

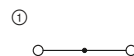
Description	Color
Terminal block	gray
Terminal block, voltage 1500 V	blue
Ground terminal	gray
Terminal block base, 3 x gray	green-yellow
3 x gray, 1 x blue	gray
3 x gray, 1 x black-yellow	gray/blue
3 x gray, 1 x blue, 1 x black-yellow	gray/black-yellow

High-current terminal blocks for direct mounting

Notes:
 1) For additional accessories and technical data, see page 258.



192 A, feed-through terminal block for direct mounting



192 A, terminal block bases for direct mounting

UL ENEC EAC

Technical data ¹⁾			
Width	Length	Height	
20.3	103.4	80	
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	-	-
192 / 70	192 / -	- / -	- / -

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

UL ENEC EAC

Technical data ¹⁾			
Width	Length	Height	
60.9	103.4	80	
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	-	-
192 / 70	192 / -	- / -	- / -

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	

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

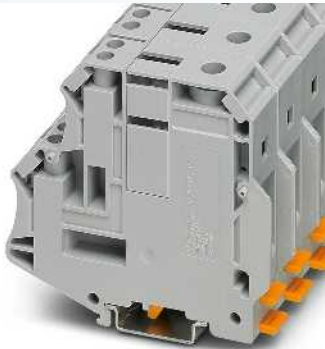
Terminal blocks - CLIPLINE complete

70 mm² UKH screw connection terminal blocks

High-current terminal blocks

Notes:
For additional accessories and technical data, see page 258.

○○○○—○



**192 A, potential collective terminal,
4 inputs 10 mm²**

- 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

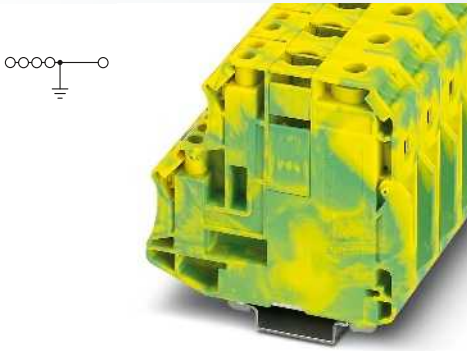
Dimensions		[mm]	
Dimensions			
Dimensions			
Dimensions			
Maximum electrical data			
Rated data			
Rated voltage	[V]	1500	-
Nominal current / cross section	[A] / [mm ²]	192 / -	- / -
Rated cross section	[mm ²]	70	-
Cross section range	AWG	4 - 3/0	-
Supply connection capacity			
1 conductor	[mm ²]	16 - 95	25 - 70
2 conductors (of the same type)	[mm ²]	16 - 25	16 - 25
Branch connection capacity			
1 conductor	[mm ²]	1.5 - 16	1.5 - 10
2 conductors (of the same type)	[mm ²]	1.5 - 2.5	1.5 - 2.5



Technical data			
Width	Length	Height NS 35/7,5	
20.3	88.5	80	
Width	Length	Height NS 35/15	
20.3	88.5	87.5	
Width	Length	Height NS 32	
20.3	88.5	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
Supply connection capacity			
	solid	stranded	Ferrule
			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			
	solid	stranded	Ferrule
			without/with plastic sleeve
1 conductor	[mm ²]	1.5 - 16	1.5 - 10
2 conductors (of the same type)	[mm ²]	1.5 - 2.5	1.5 - 2.5

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, protective conductor terminal,
4 inputs 10 mm²**



Technical data

Width	Length	Height NS 35/7,5	
20.3	88.5	80	
Width	Length	Height NS 35/15	
20.3	88.5	87.5	
Width	Length	Height NS 32	
20.3	88.5	85	
I_{max} [A]		max. Ø [mm ²]	AWG (UL)
192		16 - 95	-
IEC 60947-7-2			
IEC	UL	CSA	IEC/ EN 60079-7
-	-	-	-
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	1.5 - 10	1.5 - 10	1.5 - 6
1.5 - 2.5	1.5 - 2.5	1.5 - 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			
Flammability rating according to UL 94		V0			

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

Notes:



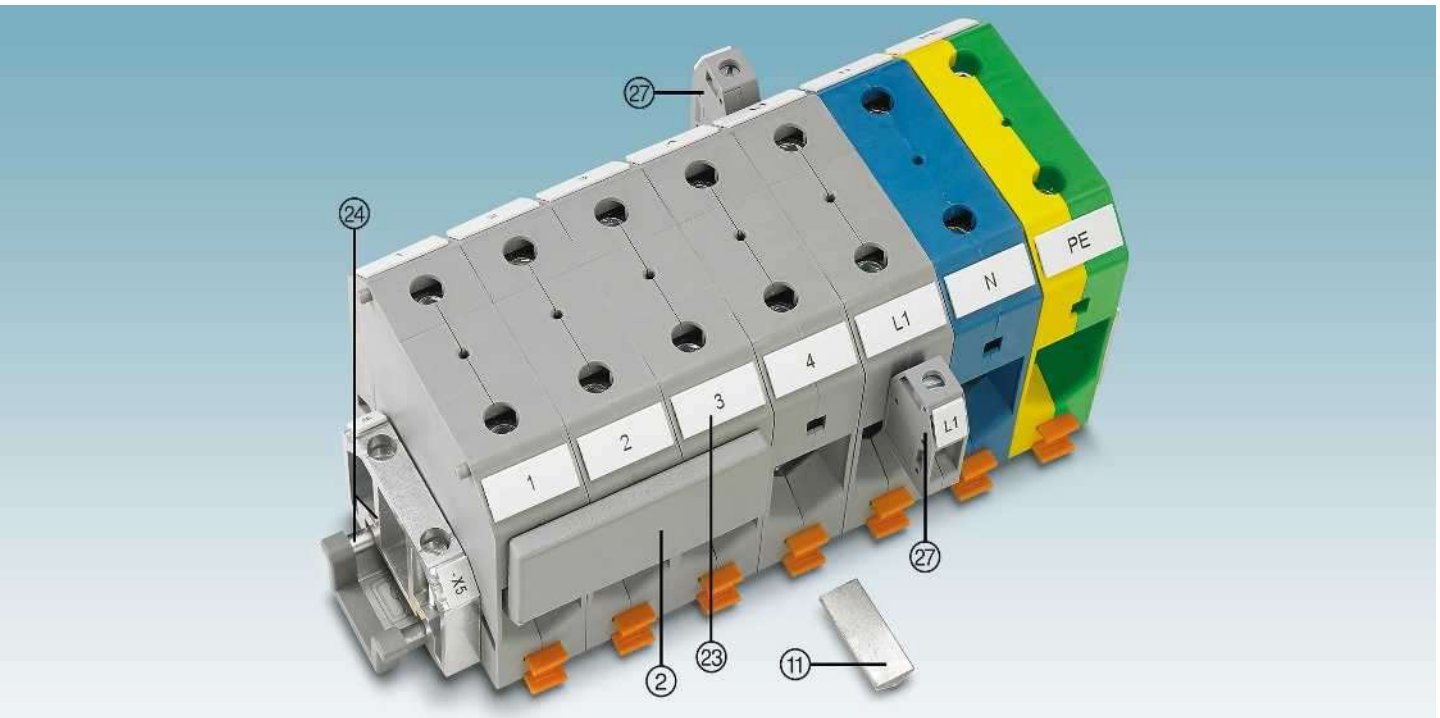
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

¹⁾ The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 95 mm² UKH screw connection terminal blocks



Description	Number of pos.	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			
⑪ Insertion profile for flat conductor connection, see page 556		silver	UKH 95 EP	3009231	10			
⑲ Tap-off terminal block		gray	AGK 10-UKH 95	3003541	10			
Allen key			VDE-ISS 6	1201934	1			

⑳ Lateral groove marking

㉑ DIN rails and end brackets

For full accessories, visit phoenixcontact.net/products

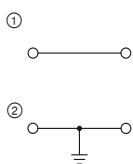
UC-TM 10, UCT-TM 10 or ZB 10. See also Catalog 3, selection tables from page 68.

See Catalog 3

Note: Additional or deviating accessories are documented for the product.

High-current terminal blocks

Notes:
 1) For additional accessories and technical data, see page 262.
 For information on installation and using accessories for Ex applications, see page 644.



232 A, feed-through terminal block



232 A, terminal block base

UL US EAC KEMA DNV GL
 Ex: Ex UL US EAC Ex
 KEMA 98ATEX1786U / IECEx KEM 06.0029U

UL US EAC

Dimensions	[mm]
Width	25
Length	83
Height	97.5 (NS 35/15) / 95 (NS 32)

Maximum electrical data	[A]
Maximum bridge current	232
Rated data	
Rated voltage	1000
Nominal current / cross section	232 / 95

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 / -	- / -	- / -

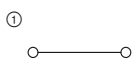
Description	Color
Terminal block	gray
	blue
Terminal block, voltage 1500 V	gray
	blue
Ground terminal	green-yellow
Terminal block base, 3 x gray	gray
3 x gray, 1 x blue	gray/blue
3 x gray, 1 x black-yellow	gray/black-yellow
3 x gray, 1 x blue, 1 x black-yellow	gray/blue/black-yellow

Ordering data			
Type	Order No.	Pcs./Pkt.	
UKH 95	3010013	3	①
UKH 95 BU	3010136	3	①
UKH 95 1500V	3247419	3	①
UKH 95 1500V BU	3247420	3	①
USLKG 95	0441041	10	②

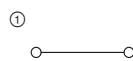
Ordering data			
Type	Order No.	Pcs./Pkt.	
UKH 95-3L	3076332	3	①
UKH 95-3L/N	3076374	2	①
UKH 95-3L/FE	3076413	2	①
UKH 95-3L/N/FE	3076455	2	①

High-current terminal blocks for direct mounting

Notes:
 1) For additional accessories and technical data, see page 262.



232 A, feed-through terminal block for direct mounting



232 A, terminal block bases for direct mounting

UL US EAC

UL US EAC

Dimensions	[mm]
Width	25
Length	118.8
Height	90

Maximum electrical data	[A]
Maximum bridge current	232
Rated data	
Rated voltage	1000
Nominal current / cross section	232 / 95

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,	gray
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	3247022	10	①

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

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			
Flammability rating according to UL 94		V0			

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

Notes:



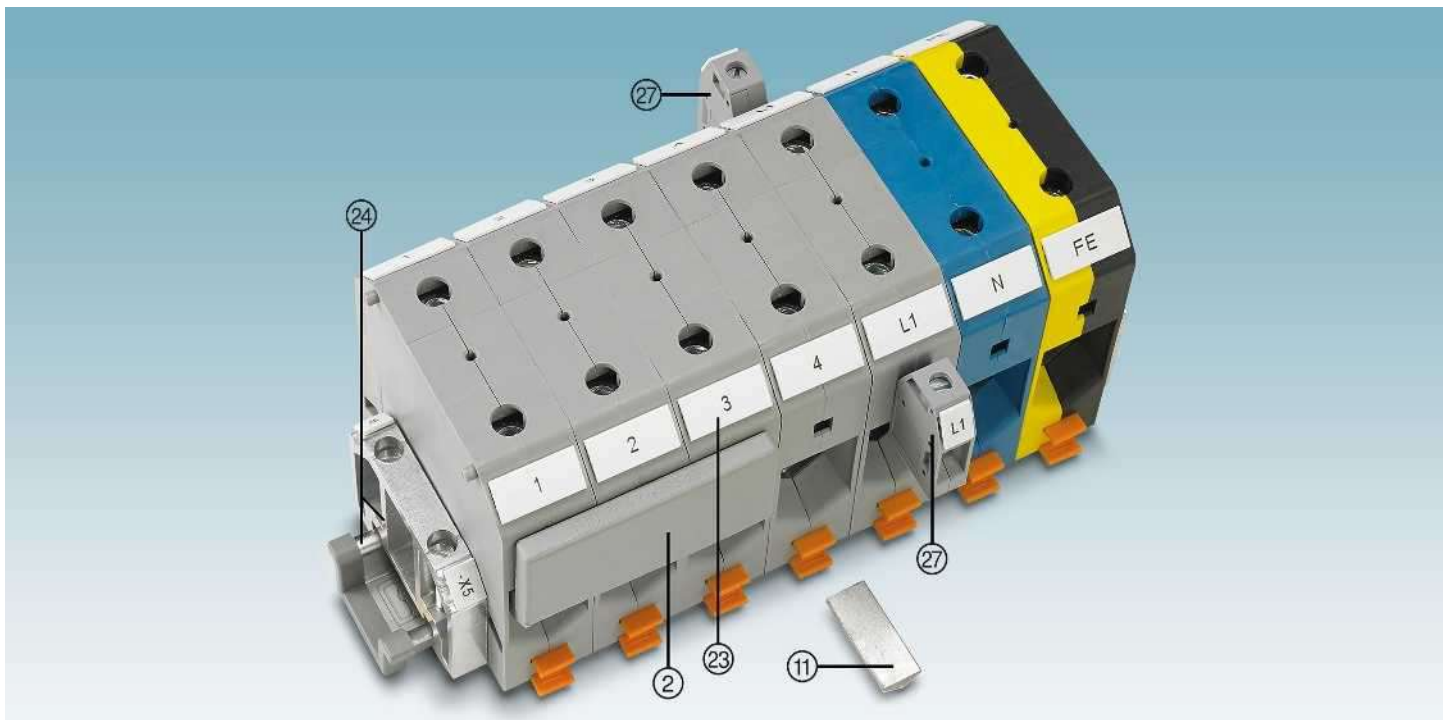
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

¹⁾ The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 150 mm² UKH screw connection terminal blocks



Description	Number of pos.	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 556		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 3, selection tables from page 68.							
㉑ DIN rails and end brackets	See Catalog 3							
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 264.
 For information on installation and using accessories for Ex applications, see page 644.



309 A, feed-through terminal block



309 A, terminal block base



Ex: EAC Ex
 KEMA 99ATEX8332 U / IECEx KEM 06.0030U



Technical data¹⁾

Width	Length	Height	
31	100	118.5 (NS 35/15) / 116 (NS 32)	
I_{max} [A]	U_{max} [V]	max. \emptyset [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 / - 275 / - 256 / 150

Technical data¹⁾

Width	Length	Height	
93	100	118.5 (NS 35/15) / 116 (NS 32)	
I_{max} [A]	U_{max} [V]	max. \emptyset [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
UKH 150 1500V	3247433	3
UKH 150 1500V BU	3247434	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

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

Description	Color
Terminal block	gray
	blue
Terminal block, voltage 1500 V	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 264.



309 A, feed-through terminal block for direct mounting



309 A, terminal block bases for direct mounting



Technical data¹⁾

Width	Length	Height	
31	136.1	111	
I_{max} [A]	U_{max} [V]	max. \emptyset [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 data¹⁾

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

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 without/with plastic sleeve
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
Flammability rating according to UL 94		V0

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

Notes:



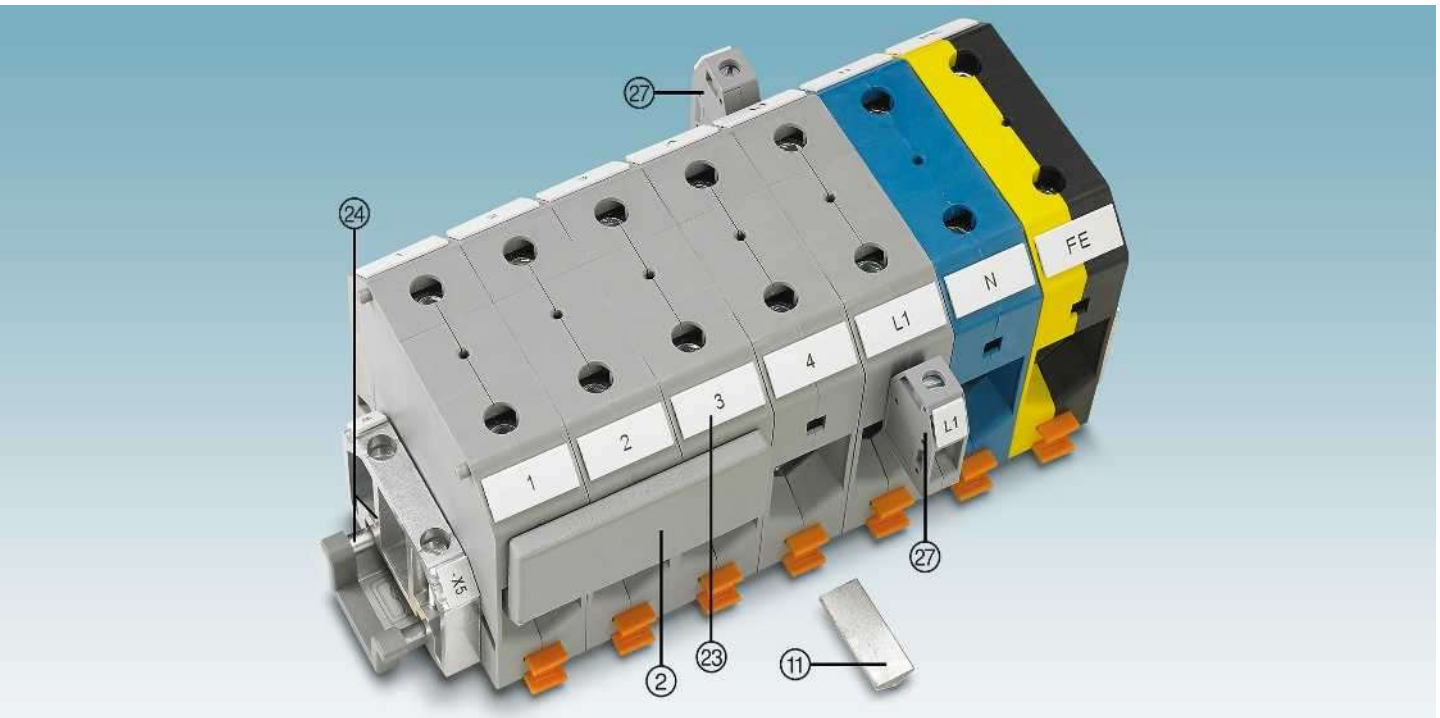
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

¹⁾ The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 240 mm² UKH screw connection terminal blocks



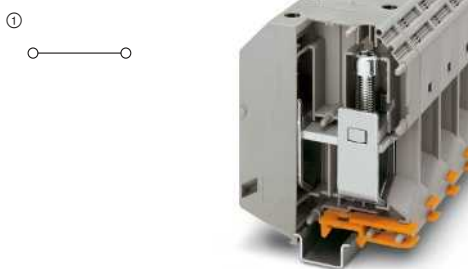
Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
② Insertion bridge ¹⁾	2	gray	EB 2-36/UKH	0201401	10			
	3	gray	EB 3-36/UKH	0201414	10			
⑪ Insertion profile for flat conductor connection, see page 556		silver	UKH 150/240 EP	3009244	10			
⑦ Tap-off terminal block		gray	AGK 10-UKH 150/240	3003554	10			
Allen key			VDE-ISS 8	1201947	1			

⑫ Lateral groove marking
⑭ DIN rails and end brackets
For full accessories, visit phoenixcontact.net/products

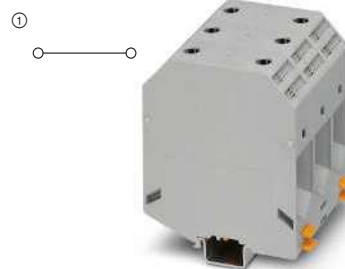
UC-TM 10, UCT-TM 10 or ZB 10. See also Catalog 3, selection tables from page 68.
See Catalog 3
Note: Additional or deviating accessories are documented for the product.

High-current terminal blocks

Notes:
 1) For additional accessories and technical data, see page 266.
 For information on installation and using accessories for Ex applications, see page 644.



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
Maximum bridge current [A] 382			
Rated data	IEC	UL / CUL	CSA Ex
Rated voltage [V]	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
Maximum bridge current [A] 382			
Rated data	IEC	UL / CUL	CSA Ex
Rated voltage [V]	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	

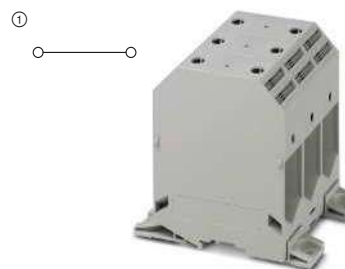
Ordering data			
Type	Order No.	Pcs./Pkt.	
UKH 240-3L	3076358	3	
UKH 240-3L/N	3076390	2	
UKH 240-3L/FE	3076439	2	
UKH 240-3L/N/FE	3076471	2	

High-current terminal blocks for direct mounting

Notes:
 1) For additional accessories and technical data, see page 266.



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
Maximum bridge current [A] 382			
Rated data	IEC	UL / CUL	CSA Ex
Rated voltage [V]	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	-
Maximum bridge current [A] 382			
Rated data	IEC	UL / CUL	CSA Ex
Rated voltage [V]	1000	-	-
Nominal current / cross section [A] / [mm ²]	415 / 240	- / -	- / -

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	