

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

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16 mm²

Feed-through and ground terminal blocks	185
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35 mm²

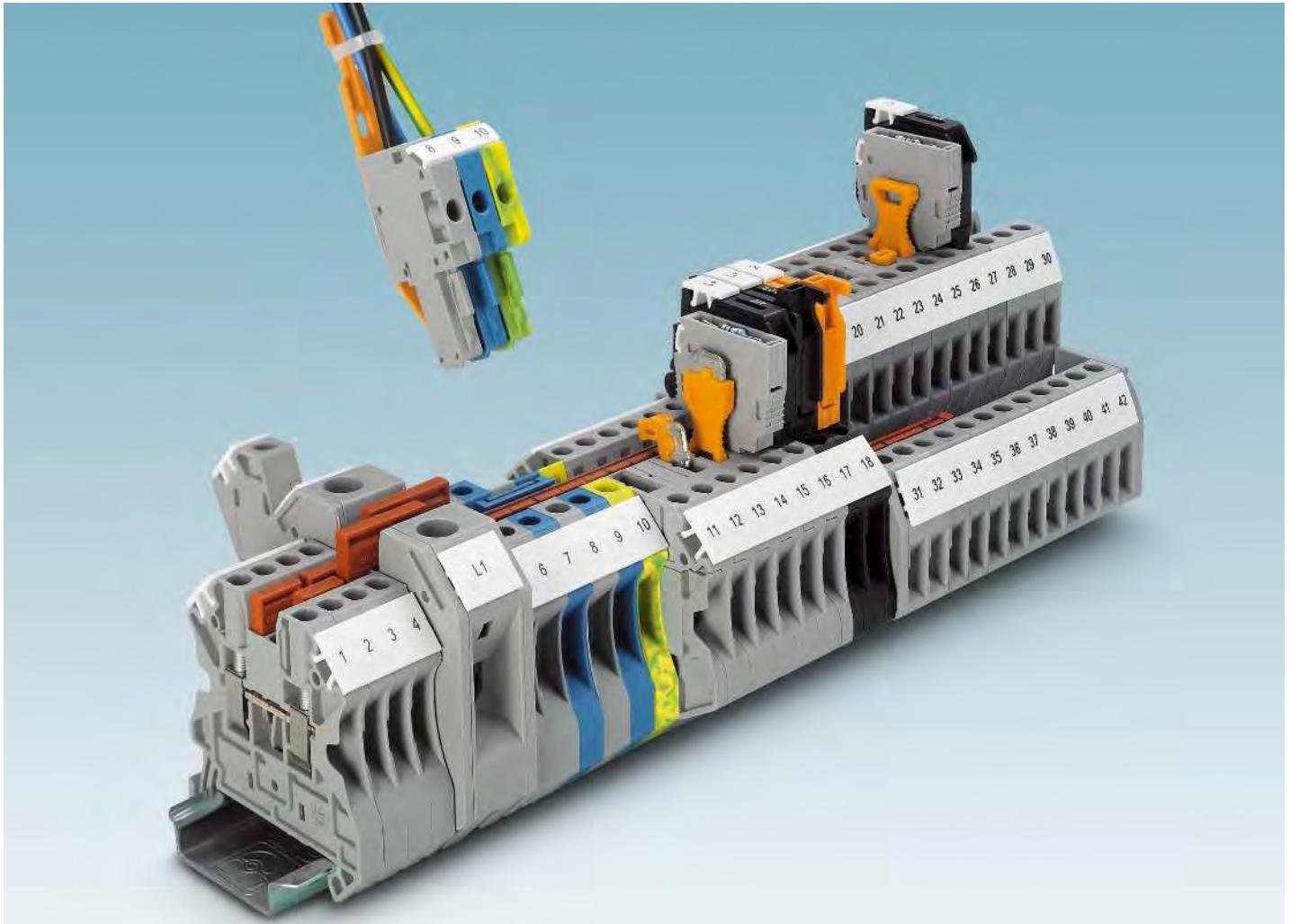
Feed-through and ground terminal blocks	187
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50 mm² - 240 mm²

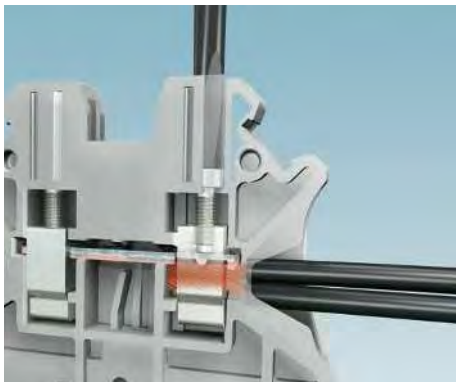
High-current terminal blocks	189
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Terminal blocks – CLIPLINE complete

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 terminal blocks 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.

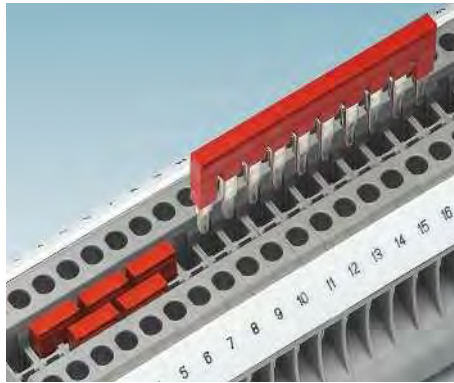


Flexible plug-in bridge system

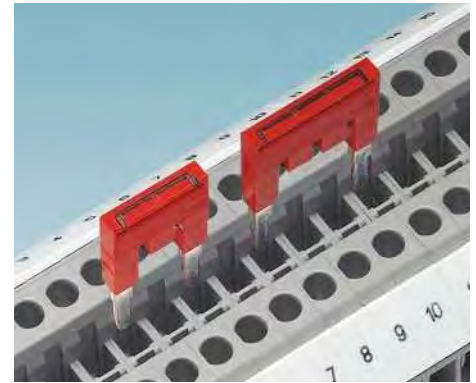
Potential can be distributed quickly using standardized plug-in bridges. Using two bridge shafts in all terminal blocks makes flexible chain and level bridging and bridging between non-adjacent terminal blocks possible.



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.



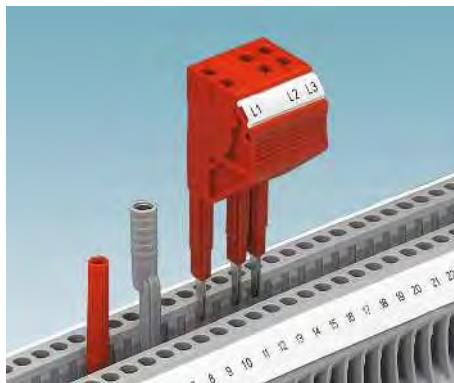
The double function shaft can be used to connect any number of terminal blocks with two-position bridges. The 2- to 50-pos. bridges allow up to 50 terminal blocks to be bridged in one step.



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



For measuring lines, a test plug with 2.3 mm diameter is available. All measurement and testing tasks 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.



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



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.

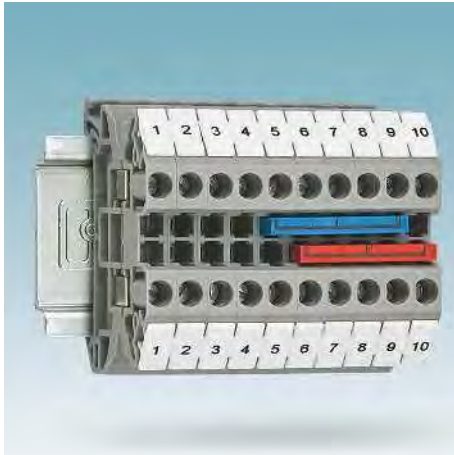


UT-COMBI terminal blocks are available for creating plug-in signal and power wiring. The system has a touch-proof design and offers plugs for self-assembly with extensive accessories. See "COMBI" section, page 267

Terminal blocks – CLIPLINE complete

UT screw connection terminal blocks

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



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

i Your web code: **#0056**

UT ... multifunctional terminal blocks



- A wide range of products, thanks to versions with PE function or LED display
- Optimum overview of signal connections thanks to a variety of marking options
- Modular expansion up to a maximum of 50 positions, as power terminals are the same shape
- Power fed-in or power-line extended via power terminals

i Your web code: **#0075**

UT ... function terminal blocks



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

i Your web code: **#0057**

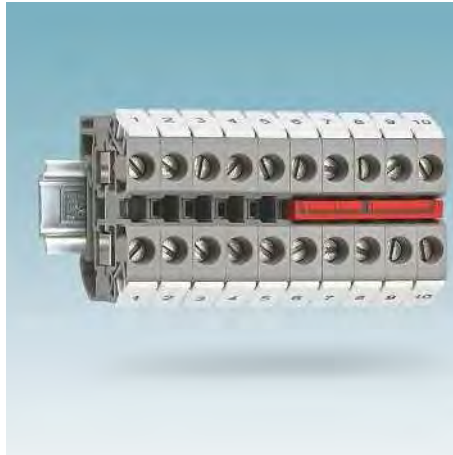
UTME ... test disconnect terminal blocks



- Easy and safe operation, thanks to clear indication of switching states
- Maximum functionality, up to six universal function shafts for potential distribution or for test purposes
- Modular expansion thanks to feed-through terminal blocks and ground terminals of the same shape
- Simple and individual configuration of measuring transducer terminal strips
- Ideal application possibilities in measuring and control engineering, from the counter right up to the secondary technology of switching devices and power stations

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 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

Rated data		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm²]	2.5			
Cross section range	AWG	26 - 12			
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.14 - 4	0.14 - 4	0.14 - 2.5	0.14 - 2.5
2 conductors (of the same type)	[mm²]	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5	-
2 flexible conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 1.5
General data					
Stripping length	[mm]	9			
Screw thread		M3			
Tightening torque	[Nm]	0.5 - 0.6			
Insulating material		PA			
Flammability rating in accordance with UL 94		V0			

Note: Additional or deviating data is listed alongside the respective product.

Notes:



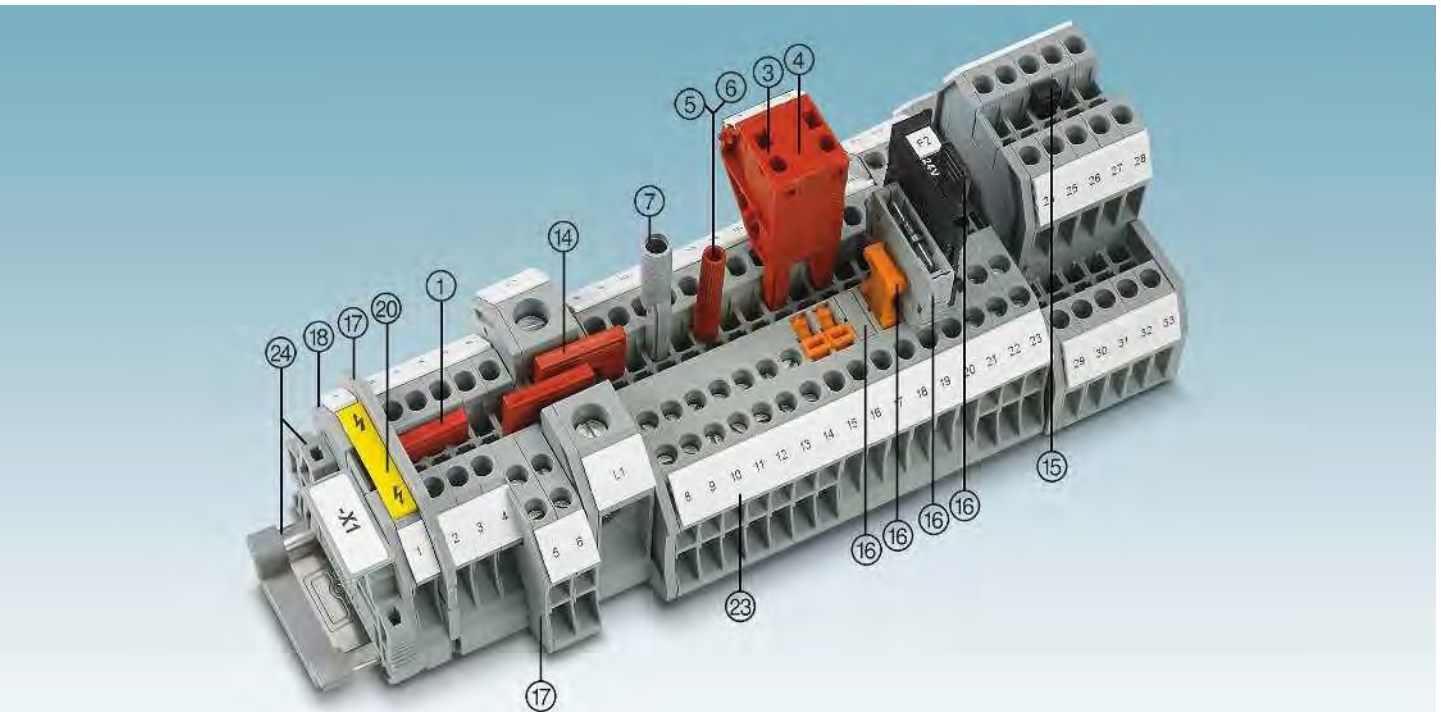
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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 nos., and Internet links, please visit phoenixcontact.net/products

¹) The bridge current is listed alongside the respective product. For additional colors, see page 402.

System accessories



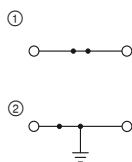
Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① Bridge¹)	2	red	FBS 2-5	3030161	50	FBSR 2-5	3033702	50
	3	red	FBS 3-5	3030174	50	FBSR 3-5	3001591	50
	4	red	FBS 4-5	3030187	50	FBSR 4-5	3001592	50
	5	red	FBS 5-5	3030190	50	FBSR 5-5	3001593	50
	10	red	FBS 10-5	3030213	10	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		gray	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 408.					
⑮ Vertical potential bridge			For FBS-PV ..., see page 404.					
⑯ Fuse and function plugs for disconnect terminal blocks			For P-FU ... / P-DI / P-FIX / P-CO ..., see from page 414.					
⑰ Partition plates/end cover segments			For ATP-... / DS-..., visit phoenixcontact.net/products					
⑱ Cover			Listed alongside the respective product.					
⑲ Warning labels			For WS ..., see page 420.					
⑳ Lateral groove labeling			UC-TM 5, UCT-TM 5 or ZB 5. See also Catalog 3, selection tables, from page 60.					
㉑ DIN rail and end bracket			See Catalog 3					
For full accessories, visit phoenixcontact.net/products			Note: Additional or deviating accessories are listed alongside the respective product.					

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

Notes:

¹⁾ For additional accessories and technical data, see page 148.

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



32 A, feed-through and ground terminal block



Ex:
KEMA 04ATEX2048 U / IECEx KEM 06.0027U

Technical data¹⁾

Width	Length	Height	
5.2	47.7	47.5 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
32	1000	0.14 - 4	26-12
24 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
1000	600	600	690
24 / 2.5	20 / -	20 / -	21 / 2.5

Ordering data

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

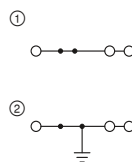
Accessories¹⁾

D-UT 2,5/10	3047028	50
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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 and ground terminal block, 3 connections



Ex:
KEMA 06ATEX0017 U / IECEx KEM 06.0013U

Technical data¹⁾

Width	Length	Height	
5.2	57.8	47.5 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
30	500	0.14 - 4	26-12
24 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	150	150	352
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

Accessories¹⁾

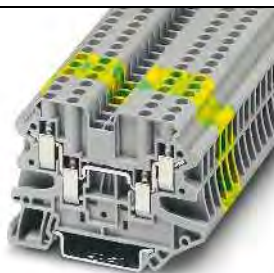
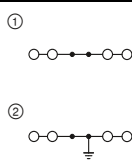
D-UT 2,5/4-TWIN	3047141	50
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Feed-through, multi-conductor, multi-level, and ground terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 148.

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



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



Ex:
KEMA 06ATEX0017 U / IECEx KEM 06.0013U

Technical data¹⁾

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

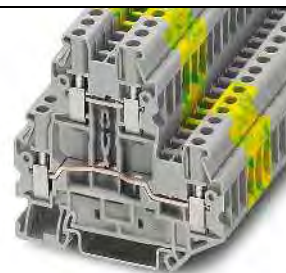
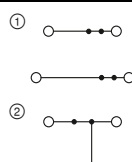
Accessories¹⁾

D-UT 2,5/4-QUATTRO	3047170	50
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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:
KEMA 06ATEX0017 U / IECEx KEM 06.0013U

Technical data¹⁾

Width	Length	Height	
5.2	69.9	65 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
28	500	0.14 - 4	26-12
24 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	600	600	352
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

Accessories¹⁾

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

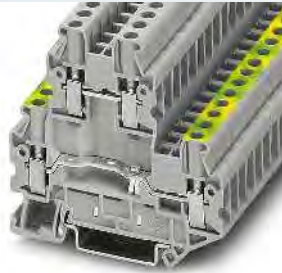
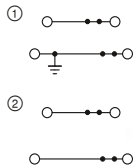
Terminal blocks – CLIPLINE complete

2.5 mm² UT screw connection terminal blocks

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

Notes:

1) For additional accessories and technical data, see page 148.



28 A, double-level terminal block with PE foot



Technical data¹⁾

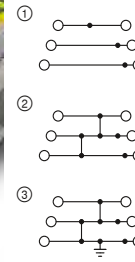
Width	Length	Height
5.2	69.9	65 (NS 35/7,5)
I _{max} [A]	U _{max} [V]	max. Ø [mm²]
28	500	0.14 - 4
24 (FBS) / 17.5 (FBSR)		26-12
Rated data	IEC	UL / CUL
Maximum bridge current [A]	500	600
Rated voltage [V]	24 / 2.5	600
Nominal current / cross section [A] / [mm²]	20 / -	20 / -

Ordering data

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

Accessories¹⁾

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



24 A, three-level terminal block and ground terminal



Technical data¹⁾

Width	Length	Height
5.2	90	77.5 (NS 35/7,5)
I _{max} [A]	U _{max} [V]	max. Ø [mm²]
24	500	0.14 - 4
19 (FBS) / 17.5 (FBSR)		26-12
Rated data	IEC	UL / CUL
Maximum bridge current [A]	500	600
Rated voltage [V]	24 / 2.5	600
Nominal current / cross section [A] / [mm²]	20 / -	20 / -

Ordering data

Type	Order No.	Pcs./Pkt.
UT 2,5-3L	3214259	50
UT 2,5-3L BU	3002389	50
UT 2,5-3PV	3214262	50
UT 2,5-3PE	3214275	50

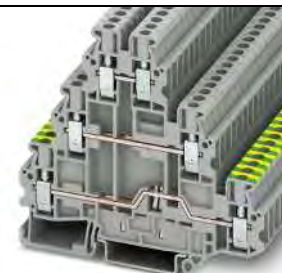
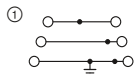
Accessories¹⁾

D-UT 2,5-3L	3214314	50
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Multi-level terminal blocks

Notes:

1) For additional accessories and technical data, see page 148.



24 A, three-level terminal block with PE foot



Technical data¹⁾

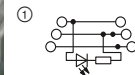
Width	Length	Height
5.2	90	77.5 (NS 35/7,5)
I _{max} [A]	U _{max} [V]	max. Ø [mm²]
24	500	0.14 - 4
19 (FBS) / 17.5 (FBSR)		26-12
Rated data	IEC	UL / CUL
Maximum bridge current [A]	500	600
Rated voltage [V]	24 / 2.5	600
Nominal current / cross section [A] / [mm²]	20 / -	20 / -

Ordering data

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

Accessories¹⁾

D-UT 2,5-3L	3214314	50
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24 A, three-level terminal block with LED display



Technical data¹⁾

Width	Length	Height
5.2	90	77.5 (NS 35/7,5)
I _{max} [A]	U _{max} [V]	max. Ø [mm²]
24	500	0.14 - 4
19 (FBS) / 17.5 (FBSR)		26-12
Rated data	IEC	UL / CUL
Maximum bridge current [A]	500	600
Rated voltage [V]	24 / 2.5	600
Nominal current / cross section [A] / [mm²]	20 / -	20 / -

Ordering data

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

Accessories¹⁾

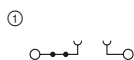
D-UT 2,5-3L	3214314	50
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Disconnect terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 148.

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



20 A, disconnect terminal block

Technical data¹⁾

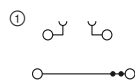
Width	Length	Height
5.2	57.8	47.5 (NS 35/7,5)
I _{max} [A]	U _{max} [V]	max. Ø [mm ²] AWG (UL)
20 ²⁾	400 ²⁾	0.14 - 4 26-12
20 (FBS) / 17.5 (FBSR)		
IEC	UL / CUL	CSA Ex
400 ²⁾	300	300 -
20 ²⁾ / 2.5	20 / -	16 / - - / -
-	-	-

Ordering data

Type	Order No.	Pcs./Pkt.
UT 2,5-TG ①	3046388	50
UT 2,5-TG BU ①	3046579	50
UT 2,5-TG-P/P ①	3046391	50
UT 2,5-TG-P/P BU ①	3046582	50

Accessories¹⁾

D-UT 2,5/4-TWIN	3047141	50
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24 A, double-level terminal block with disconnect zone

Technical data¹⁾

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

Ordering data

Type	Order No.	Pcs./Pkt.
UTTB 2,5-TG-P/P ①	3044644	50

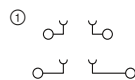
Accessories¹⁾

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 148.



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

Technical data¹⁾

Width	Length	Height
5.2	80.1	58.1 (NS 35/7,5)
I _{max} [A]	U _{max} [V]	max. Ø [mm ²] AWG (UL)
16	400	0.14 - 4 26-12
16 (FBS) / 17.5 (FBSR)		
IEC	UL / CUL	CSA Ex
400	300	300 -
16 / 2.5	16 / -	16 / - - / -

Ordering data

Type	Order No.	Pcs./Pkt.
UTT 2,5-2TG-P/P ①	3044674	50

Accessories¹⁾

D-UTT 2,5/4	3044676	50
DP-UTT 2,5/4	3044677	50

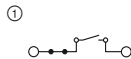
Terminal blocks – CLIPLINE complete

2.5 mm² UT screw connection terminal blocks

Knife disconnect terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 148.



20 A, knife disconnect terminal block



Technical data¹⁾

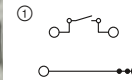
Dimensions		Width	Length	Height
	[mm]	5.2	57.8	49.1 (NS 35/7,5)
Maximum electrical data		I_{max} [A]	U_{max} [V]	max. Ø [mm²] AWG (UL)
		20	400	0.14 - 4 26-12
Maximum bridge current	[A]	20 (FBS) / 17.5 (FBSR)		
Rated data		IEC	UL / CUL	CSA Ex
Rated voltage	[V]	400	300	300 -
Nominal current / cross section	[A] / [mm²]	20 / 2.5	20 / -	16 / - - / -
Nominal current / cross section	[A] / [mm²]	-	-	-

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Knife disconnect terminal block	gray	UT 2,5-MT	① 3046362	50
	blue	UT 2,5-MT BU	① 3046553	50
With test socket screws	gray	UT 2,5-MT-P/P	① 3046375	50
	blue	UT 2,5-MT P/P BU	① 3046566	50

Accessories¹⁾

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



24 A, double-level terminal block with disconnect knife



Technical data¹⁾

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 [mm²] AWG (UL)
		24	400	0.14 - 4 26-12
Maximum bridge current	[A]	22 (FBS) / 17.5 (FBSR)		
Rated data		IEC	UL / CUL	CSA Ex
Rated voltage	[V]	400	300	300 -
Nominal current / cross section	[A] / [mm²]	22 / 2.5	16 / -	16 / - - / -
Nominal current / cross section	[A] / [mm²]	-	-	-

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Double-level terminal block with disconnect knife	gray	UTTB 2,5-MT-P/P	① 3044640	50
	blue	UTTB 2,5-MT-P/P BU	① 3044641	50

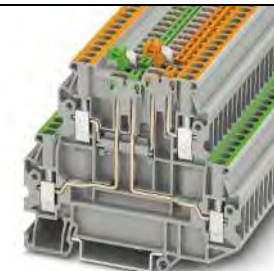
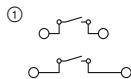
Accessories¹⁾

Cover, width: 2.2 mm	gray	D-UTTB 2,5/4	3047293	50
Spacer plate	gray	DP-UTTB 2,5/4	3047303	50

Knife disconnect terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 148.



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



Technical data¹⁾

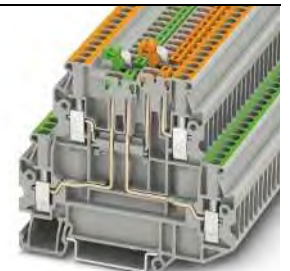
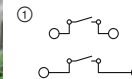
Dimensions		Width	Length	Height
	[mm]	5.2	80.1	65 (NS 35/7,5)
Maximum electrical data		I_{max} [A]	U_{max} [V]	max. Ø [mm²] AWG (UL)
		16	400	0.14 - 4 -
Maximum bridge current	[A]	16 (FBS) / 14 (FBSR)		
Rated data		IEC	UL / CUL	CSA Ex
Rated voltage	[V]	400	-	- -
Nominal current / cross section	[A] / [mm²]	16 / 2.5	- / -	- / - - / -

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Double-level terminal block with one disconnect knife per level	gray	UTT 2,5-2MT	① 3044679	50
	blue	UTT 2,5-2MT BU	① 3044680	50
With test socket screws	gray			
	blue			

Accessories¹⁾

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



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



Technical data¹⁾

Dimensions		Width	Length	Height
	[mm]	5.2	80.1	65 (NS 35/7,5)
Maximum electrical data		I_{max} [A]	U_{max} [V]	max. Ø [mm²] AWG (UL)
		16	400	0.14 - 4 26-12
Maximum bridge current	[A]	16 (FBS) / 14 (FBSR)		
Rated data		IEC	UL / CUL	CSA Ex
Rated voltage	[V]	400	300	300 -
Nominal current / cross section	[A] / [mm²]	16 / 2.5	16 / -	16 / - - / -

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Double-level terminal block with one disconnect knife per level and test socket screws	gray	UTT 2,5-2MT-P/P	① 3044670	50
	blue	UTT 2,5-2MT-P/P BU	① 3044671	50

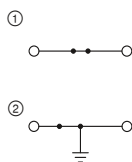
Accessories¹⁾

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

Diode and LED terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 148.



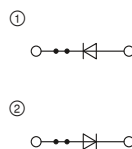
32 A, feed-through and ground terminal block, same shape



Technical data ¹⁾				
Dimensions	Width	Length	Height	
	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-PE	② 3064124	50	

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



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



Technical data ¹⁾				
Dimensions	Width	Length	Height	
	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 / -	- / -

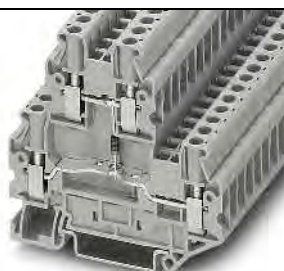
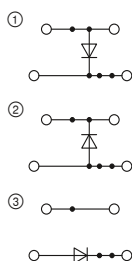
Ordering data			
Type	Order No.	Pcs./Pkt.	
UT 2,5-MTD-DIO/R-L	① 3064140	50	
UT 2,5-MTD-DIO/L-R	② 3064137	50	

Accessories ¹⁾		
Type	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 148.



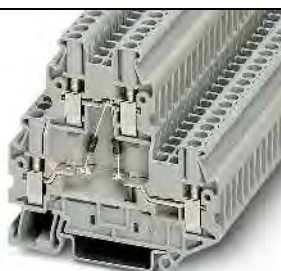
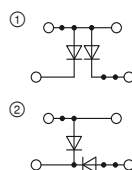
28 A, double-level diode terminal block, 1N 4007 (1300 V/0.5 A)



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



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



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

Terminal blocks – CLIPLINE complete

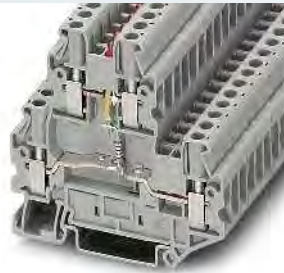
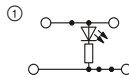
2.5 mm² UT screw connection terminal blocks

Diode and LED terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 148.

²⁾ The voltage is determined by the LED display version selected.



28 A, double-level terminal block with LED display



Technical data¹⁾

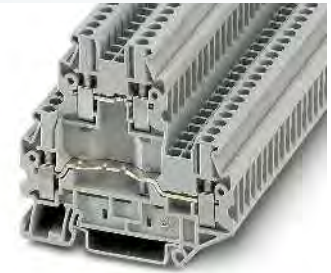
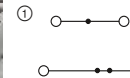
Dimensions		Width	Length	Height
	[mm]	5.2	69.9	65 (NS 35/7,5)
Maximum electrical data		I_{max} [A]	U_{max} [V]	max. Ø [mm ²] AWG (UL)
		28	24 ²⁾	0.14 - 4 26-12
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)		
Rated data		IEC	UL / CUL	CSA Ex
Rated voltage	[V]	24 ²⁾	600	24 -
Nominal current / cross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

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block, with LED for 12 - 30 V DC, 0.7 - 2.4 mA	gray	UTTB 2,5-LA 24 RD	① 3046692	50
for 30 - 60 V DC, 0.8 - 1.8 mA	gray	UTTB 2,5-LA 60 RD	① 3046702	50
for 110 - 250 V AC/DC, 0.1 - 0.5 mA	gray	UTTB 2,5-LA 230	① 3046715	50
Terminal block, component can be soldered in	gray			

Accessories¹⁾

Cover, width: 2.2 mm	gray	D-UTTB 2,5/4	3047293	50
Spacer plate	gray	DP-UTTB 2,5/4	3047303	50



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



Technical data¹⁾

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	[A]	24 (FBS) / 17.5 (FBSR)		
Rated data		IEC	UL / CUL	CSA Ex
Rated voltage	[V]	500	600	24 -
Nominal current / cross section	[A] / [mm ²]	24 / 2.5	20 / -	20 / - - / -

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block, with LED for 12 - 30 V DC, 0.7 - 2.4 mA	gray	UTTB 2,5-LA 24 RD	① 3046692	50
for 30 - 60 V DC, 0.8 - 1.8 mA	gray	UTTB 2,5-LA 60 RD	① 3046702	50
for 110 - 250 V AC/DC, 0.1 - 0.5 mA	gray	UTTB 2,5-LA 230	① 3046715	50
Terminal block, component can be soldered in	gray			

Accessories¹⁾

Cover, width: 2.2 mm	gray	D-UTTB 2,5/4	3047293	50
Spacer plate	gray	DP-UTTB 2,5/4	3047303	50

Installation terminal blocks

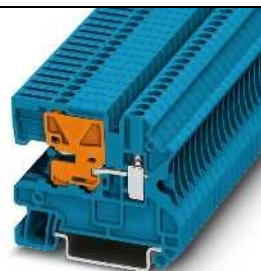
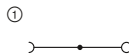
Notes:

¹⁾ For additional accessories and technical data, see page 148.

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 data¹⁾

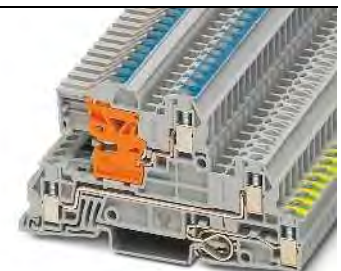
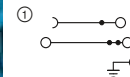
Dimensions		Width	Length	Height
	[mm]	5.2	55	47.5 (NS 35/7,5)
Maximum electrical data		I_{max} [A]	U_{max} [V]	max. Ø [mm ²] AWG (UL)
		24	250	0.14 - 4 -
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)		
Rated data		IEC	UL / CUL	CSA Ex
Rated voltage	[V]	250	-	- -
Nominal current / cross section	[A] / [mm ²]	24 / 2.5	- / -	- / - - / -
Rated cross section	[mm ²]	2.5	-	-
Cross section range	AWG	26 - 12	-	-
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve
1 conductor	[mm ²]	0.14 - 4	0.14 - 4	0.25 - 2.5 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

Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	blue gray	UTN 2,5	① 3245011	50

Accessories¹⁾

Cover, width: 2.2 mm	blue	D-UTN 2,5/10	3245079	50
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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 data¹⁾

Dimensions		Width	Length	Height
	[mm]	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	[A]	24 (FBS) / 17.5 (FBSR)		
Rated data		IEC	UL / CUL	CSA Ex
Rated voltage	[V]	400	300	- -
Nominal current / cross section	[A] / [mm ²]	24 / 4	20 / -	- / - - / -
Rated cross section	[mm ²]	4	-	-
Cross section range	AWG	24 - 12	-	-
Connection capacity		Rigid	Flexible	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 -

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	blue gray	UTI 2,5-PE/L/NT	① 3076028	50

Accessories¹⁾

Cover, width: 2.2 mm	blue	D-UTI/3	3076036	50
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Installation terminal blocks

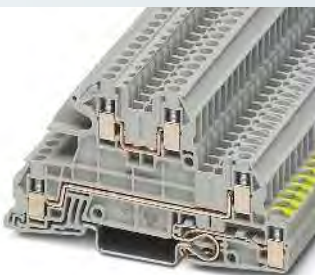
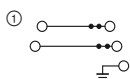
Notes:

¹⁾ For additional accessories and technical data, see page 148.

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 data¹⁾

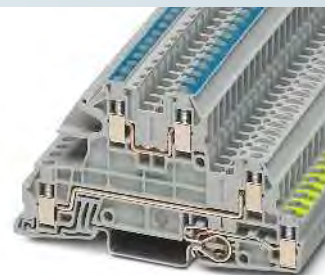
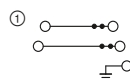
Width	Length	Height
5.2	93.5	51.5 (NS 35/7,5)
I _{max} [A]	U _{max} [V]	max. Ø [mm ²] AWG (UL)
30 ²⁾	400	0.2 - 4 26-12
24 (FBS) / 17.5 (FBSR)		
IEC	UL / CUL	CSA Ex
400	300	300 -
24 / 4	20 / -	- / -
4	-	-
24 - 12	-	-
Rigid Flexible Ferrule without/with plastic sleeve		
0.2 - 4	0.2 - 4	0.25 - 2.5 0.25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

Ordering data

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

Accessories¹⁾

D-UTI/3	3076036	50
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4 (4) mm², 30 A, three-level terminal block,
1 x L phase conductor, 1 x N conductor, 1 x PE

Technical data¹⁾

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	-	-
Rigid Flexible Ferrule without/with plastic sleeve		
0.2 - 4	0.2 - 4	0.25 - 2.5 0.25 - 2.5
0.2 - 1.5	0.2 - 1.5	0.25 - 0.75 -

Ordering data

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

Accessories¹⁾

D-UTI/3	3076036	50
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Installation terminal blocks

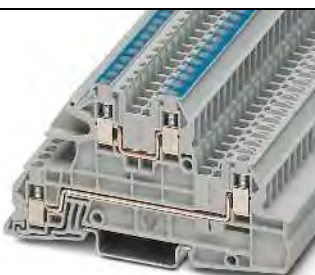
Notes:

¹⁾ For additional accessories and technical data, see page 148.

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,
1 x L phase conductor, 1 x N conductor

Technical data¹⁾

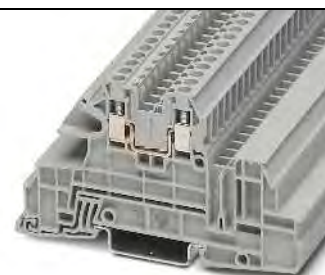
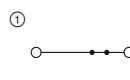
Width	Length	Height
5.2	93.5	51.5 (NS 35/7,5)
I _{max} [A]	U _{max} [V]	max. Ø [mm ²] AWG (UL)
30 ²⁾	400	0.2 - 4 26-12
24 (FBS) / 17.5 (FBSR)		
IEC	UL / CUL	CSA Ex
400	300	300 -
24 / 4	20 / -	- / -
4	-	-
24 - 12	-	-
Rigid Flexible Ferrule without/with plastic sleeve		
0.2 - 4	0.2 - 4	0.25 - 2.5 0.25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

Ordering data

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

Accessories¹⁾

D-UTI/3	3076036	50
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4 (4) mm², 30 A, three-level terminal block,
1 x L phase conductor

Technical data¹⁾

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	-	-
Rigid Flexible Ferrule without/with plastic sleeve		
0.2 - 4	0.2 - 4	0.25 - 2.5 0.25 - 2.5
0.2 - 1.5	0.2 - 1.5	0.25 - 0.75 -

Ordering data

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

Accessories¹⁾

D-UTI/3	3076036	50
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Terminal blocks – CLIPLINE complete

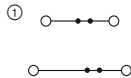
2.5 mm² UT screw connection terminal blocks

Installation terminal blocks

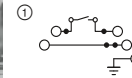
Notes:

1) For additional accessories and technical data, see page 148.

2) 3-pos. termination block.



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



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



Technical data¹⁾

Dimensions	Width	Length	Height
	5.2	93.5	51.5 (NS 35/7,5)
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm²] 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	24 / 4	20 / -	20 / - - / -
Rated cross section	4		
Cross section range	24 - 12	-	- -
Nominal current / cross section	16 / 1.5 (disconnect level)		
Connection capacity	Rigid	Flexible	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/LB	3076033	50

Accessories¹⁾

D-UTI/3	3076036	50
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Technical data¹⁾

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 [mm²] 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	21 / 4	20 / -	- / - - / -
Rated cross section	4		
Cross section range	24 - 12	-	- -
Nominal current / cross section	16 / 4 (disconnect level)		
Connection capacity	Rigid	Flexible	Ferrule without/with plastic sleeve
0.2 - 4	0.2 - 4	0.25 - 2.5 0.25 - 2.5	
0.2 - 1.5	0.2 - 1.5	0.25 - 0.75 -	

Ordering data

Type	Order No.	Pcs./Pkt.
UTI 2,5-PE/L/NTB	3076032	50

Accessories¹⁾

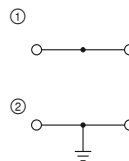
D-UTI/3	3076036	50
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Mini feed-through and ground terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 148.

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



32 A, feed-through and ground terminal block



Ex: EAC Ex UL
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)		
Rated data			
Rated voltage	500	300	600
Nominal current / cross section	24 / 2.5	20 / -	20 / -
Cross section range	24 - 12	-	-
Connection capacity			
		Rigid	Flexible
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

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		Rigid	Flexible	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 flexible 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 in accordance with UL 94		V0			

Note: Additional or deviating data is listed alongside the respective product.

Notes:



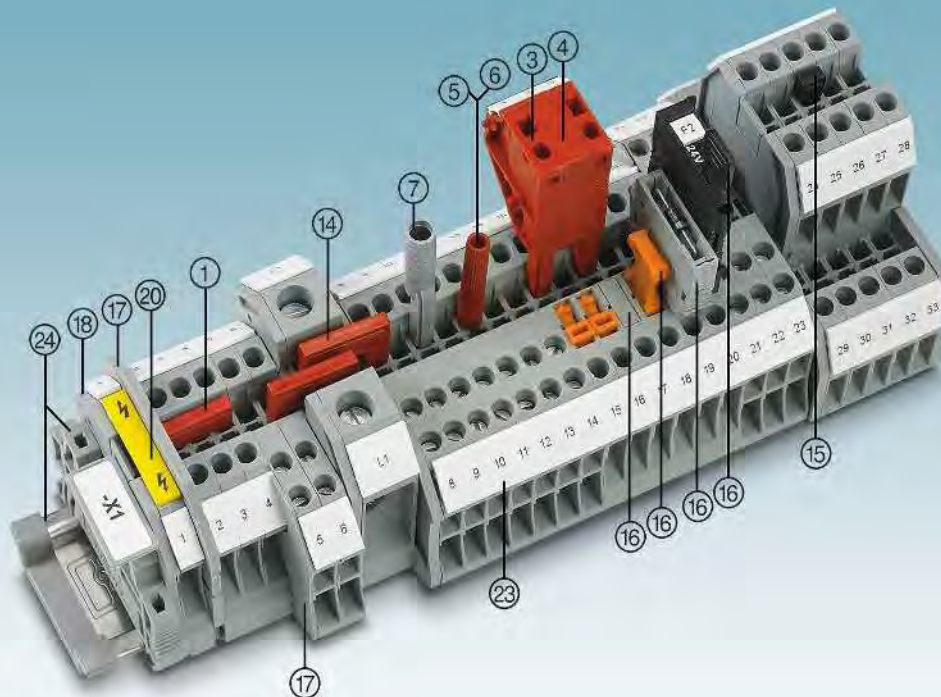
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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 nos., and Internet links, please visit phoenixcontact.net/products

¹⁾ The bridge current is listed alongside the respective product. For additional colors, see page 402.

System accessories



Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① 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		gray	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
⑮ Vertical potential bridge
⑯ Fuse and function plugs for disconnect terminal blocks
⑰ Partition plates/end cover segments
⑱ Cover
⑲ Warning labels
⑳ Lateral groove labeling
㉑ DIN rail and end bracket
For full accessories, visit phoenixcontact.net/products

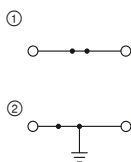
For RB ..., see page 408.
For FBS-PV ..., see page 404.
For P-FU ... / P-DI / P-FIX / P-CO ..., see from page 414.
For ATP-... / DS-..., visit phoenixcontact.net/products
Listed alongside the respective product.
For WS ..., see page 420.
UC-TM 6, UCT-TM 6 or ZB 6. See also Catalog 3, selection tables, from page 60.
See Catalog 3
Note: Additional or deviating accessories are listed alongside the respective product.

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

Notes:

¹⁾ For additional accessories and technical data, see page 158.

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



41 A, feed-through and ground terminal block



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

Technical data¹⁾

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

Ordering data

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

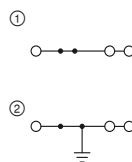
Accessories¹⁾

D-UT 2,5/10	3047028	50
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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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41 A, feed-through and ground terminal block, 3 connections



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

Technical data¹⁾

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

Ordering data

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

Accessories¹⁾

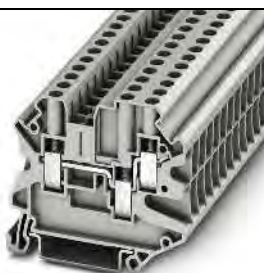
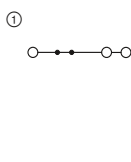
D-UT 2,5/4-TWIN	3047141	50
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Feed-through, multi-conductor, multi-level, and ground terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 158.

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



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



Ex: EAC Ex IEC CB
SEV13ATEX0133U / IECEx SEV13.0004U

Technical data¹⁾

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

Ordering data

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

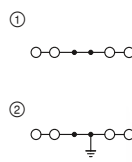
Accessories¹⁾

D-UT 4-TWIN HV	3000710	50
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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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39 A, feed-through and ground terminal block, 4 connections



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

Technical data¹⁾

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

Ordering data

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

Accessories¹⁾

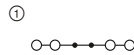
D-UT 2,5/4-QUATTRO	3047170	50
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Terminal blocks – CLIPLINE complete

4 mm² UT screw connection terminal blocks

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

Notes:
1) For additional accessories and technical data, see page 158.
For information on installation and using accessories for Ex applications, see page 678.



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

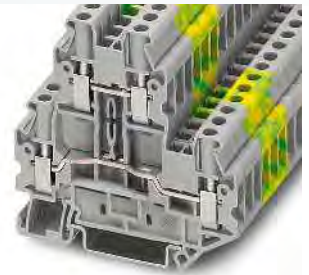
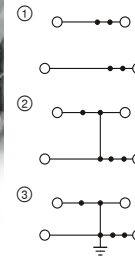
Ex: EAC Ex IEC Ex
SEV13ATEX0133U / IECEx SEV13.0004U

Technical data¹⁾

Dimensions	[mm]
Width	6.2
Length	65.4
Height	50 (NS 35/7,5)
Maximum electrical data	
I _{max} [A]	37
U _{max} [V]	1000
max. Ø [mm ²]	0.14 - 6
AWG (UL)	-
Maximum bridge current	32 (FBS) / 24 (FBSR) [A]
Rated data	
Rated voltage	1000 [V]
Nominal current / cross section	32 / 4 [A] / [mm ²]

Description	Color
Terminal block	gray
With potential distribution	blue
Ground terminal	gray
	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 data¹⁾

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

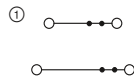
Type	Order No.	Pcs./Pkt.
UTTB 4	3044814	50
UTTB 4 BU	3044791	50
UTTB 4-PV	3044733	50
UTTB 4-PE	3044759	50

Accessories¹⁾

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

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

Notes:
1) For additional accessories and technical data, see page 158.
For information on installation and using accessories for Ex applications, see page 678.



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

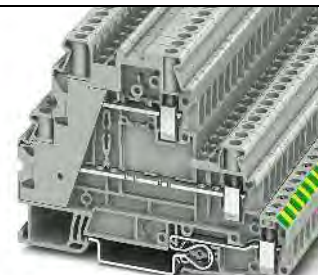
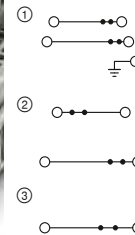
Ex: EAC Ex

Technical data¹⁾

Dimensions	[mm]
Width	6.2
Length	75.6
Height	65 (NS 35/7,5)
Maximum electrical data	
I _{max} [A]	36
U _{max} [V]	1000
max. Ø [mm ²]	0.14 - 6
AWG (UL)	26-10
Maximum bridge current	26 (FBS) / 24 (FBSR) [A]
Rated data	
Rated voltage	1000 [V]
Nominal current / cross section	30 / 4 [A] / [mm ²]

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 IEC Ex
KIWA 14ATEX0025U / IECEx KIWA14.0014U

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]
36	500	0.14 - 6
28 (FBS) / 24 (FBSR)		26-10
IEC	UL / CUL	CSA
500	300	300
30 / 4	16 / -	16 / -
		26 / 4

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

Accessories¹⁾

D-UTTB 4 HV	3000709	50
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Fuse terminal blocks and lever-type disconnect terminal blocks of the same shape

Notes:

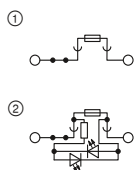
¹⁾ For additional accessories and technical data, see page 158.

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

³⁾ For max. power dissipation, see page 694.

⁴⁾ The current is determined by the fuse used, the voltage by the LED display.

For lever marking, please use marking material with a 5.2 mm pitch.



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

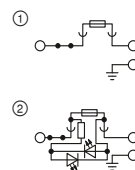


Technical data¹⁾

Width	Length	Height
6.2	57.8	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 -
6.3 / 1	6.3 / -	6.3 / - - / -

Ordering data

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



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



Technical data¹⁾

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 -
6.3 / 1	10 / -	10 / - - / -

Ordering data

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

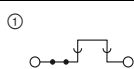
Fuse terminal blocks and lever-type disconnect terminal blocks of the same shape

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

Notes:

¹⁾ For additional accessories and technical data, see page 158.

For lever marking, please use marking material with a 5.2 mm pitch.



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

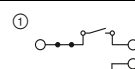


Technical data¹⁾

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 -
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 data¹⁾

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 -
20 / 2.5	16 / -	16 / - - / -

Ordering data

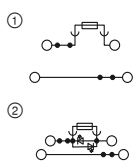
Type	Order No.	Pcs./Pkt.
UT 4-PE/HEDI ①	3074004	50

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 158.
2) If the fuse is faulty, the downstream circuit is not off load.
3) For max. power dissipation, see page 694
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 678.



36 A, multi-level terminal block, safety lever



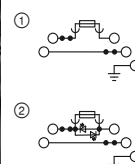
Ex:
KIWA 14ATEX0025U / IECEX KIWA14.0014U

Technical data¹⁾

Width	Length	Height		
6.2	92.7	88.9 (NS 35/7,5)		
<i>I</i> _{max} [A]	<i>U</i> _{max} [V]	max. Ø [mm ²]	AWG (UL)	
36³⁾	500³⁾	0.14 - 6	26-10	
28 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500 ³⁾	300	300	250	
28 / 4	16 / -	16 / -	6.3 / 4	
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



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



Ex:
KIWA 14ATEX0025U / IECEX KIWA14.0014U

Technical data¹⁾

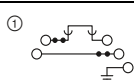
Width	Length	Height		
6.2	92.7	88.9 (NS 35/7,5)		
<i>I</i> _{max} [A]	<i>U</i> _{max} [V]	max. Ø [mm ²]	AWG (UL)	
36³⁾	500³⁾	0.14 - 6	26-10	
28 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500 ³⁾	300	300	250	
28 / 4	16 / -	16 / -	6.3 / 4	
6.3 ⁴⁾ / 1 (disconnect level)				

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 158.
2) Current and voltage are determined by the plug 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 678.



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



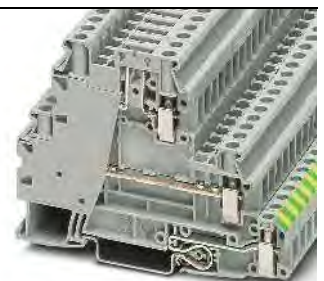
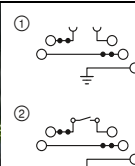
Ex:
KIWA 14ATEX0025U / IECEX KIWA14.0014U

Technical data¹⁾

Width	Length	Height		
6.2	92.7	88.9 (NS 35/7,5)		
<i>I</i> _{max} [A]	<i>U</i> _{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	500	
28 / 4	16 / -	16 / -	16 / 4	
20 / 1 (disconnect level)				

Ordering data

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



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



Ex:
KIWA 14ATEX0025U / IECEX KIWA14.0014U

Technical data¹⁾

Width	Length	Height		
6.2	92.7	61.7 (NS 35/7,5)		
<i>I</i> _{max} [A]	<i>U</i> _{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	-	250	
28 / 4	16 / -	- / -	6.3 / 4	
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 158.

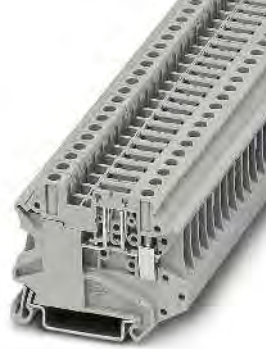
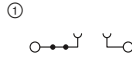
²⁾ If the fuse is faulty, the downstream circuit is not off load.

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

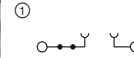
Detailed information and data sheets regarding modular terminal blocks in the Ex area are available in the product area on our website at www.phoenixcontact.net/products and in IECEx Certificate of Conformity IECEx UL 13.0007U and in UL file E192998.

Only the fuse plugs listed may be used.

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



20 A, disconnect terminal block

20 A, disconnect terminal block,
for Ex nATechnical 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)
20 ³⁾	500 ³⁾	0.14 - 6	26-10
20 (FBS) / 20 (FBSR)			
IEC	UL / CUL	CSA	Ex
500 ³⁾	600	600	-
20 ³⁾ / 2.5	16 / -	16 / -	- / -

Ordering data

Type	Order No.	Pcs./Pkt.
UT 4-TG ①	3046142	50
UT 4-TG BU ①	3073283	50
UT 4-TG-P/P ①	3046168	50
UT 4-TG-P/P BU ①	3073296	50

Accessories¹⁾

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Ex: IECEx UL 13.0007U

Technical data¹⁾

Width	Length	Height	
6.2	57.8	47.5 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
20 ³⁾	500 ³⁾	0.14 - 6	-
20 (FBS) / 20 (FBSR)			
IEC	UL / CUL	CSA	Ex
500 ³⁾	-	-	250
20 ³⁾ / 2.5	- / -	- / -	6.3 / 4

Ordering data

Type	Order No.	Pcs./Pkt.
UT 4-TG-EX ①	3046143	50
UT 4-TG-P/P-EX ①	3046169	50

Accessories¹⁾

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 connector, width: 6.2 mm ²⁾	black
with LED display for 12 ... 30 V DC	black
for 30 ... 60 V AC/DC	black
for 110 ... 250 V AC/DC	black

Terminal blocks – CLIPLINE complete

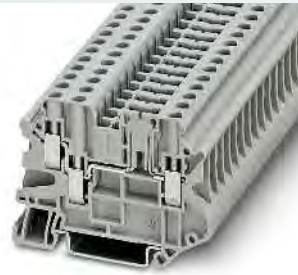
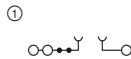
4 mm² UT screw connection terminal blocks

Disconnect terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 158.

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



20 A, disconnect terminal block,
3 connections



Technical data¹⁾

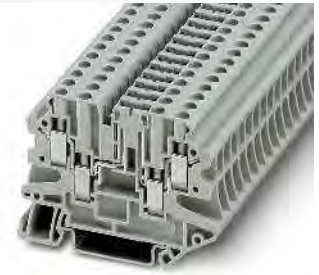
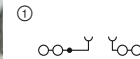
Dimensions		Width	Length	Height
	[mm]	6.2	65.4	47.5 (NS 35/7,5)
Maximum electrical data		I _{max} [A]	U _{max} [V]	max. Ø [mm ²] AWG (UL)
		20	500 ²⁾	0.14 - 6 26-10
Maximum bridge current	[A]	20 (FBS) / 20 (FBSR)		
Rated data		IEC	UL / CUL	CSA Ex
Rated voltage	[V]	500 ²⁾	300	300 -
Nominal current / cross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

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	gray	UT 4-TWIN-TG	① 3046595	50
	blue	UT 4-TWIN-TG BU	① 3073034	50
With test socket screws	gray	UT 4-TWIN-TG P/P	① 3046605	50
	blue	UT 4-TWIN-TG P/P BU	① 3073047	50

Accessories¹⁾

D-UT 2,5/4-QUATTRO	3047170	50
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20 A, disconnect terminal block,
4 connections



Technical data¹⁾

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	[A]	20 (FBS) / 20 (FBSR)		
Rated data		IEC	UL / CUL	CSA Ex
Rated voltage	[V]	500 ²⁾	300	300 -
Nominal current / cross section	[A] / [mm ²]	20 ²⁾ / 2.5	16 / -	16 / - - / -

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	gray	UT 4-QUATTRO-TG	① 3064027	50
	blue	UT 4-QUATTRO-TG BU	① 3073076	50
With test socket screws	gray	UT 4-QUATTRO-TG P/P	① 3064030	50
	blue	UT 4-QUATTRO-TG P/P BU	① 3073089	50

Accessories¹⁾

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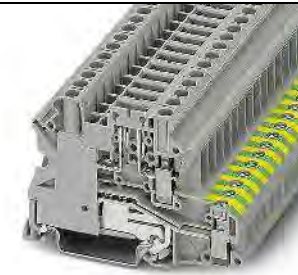
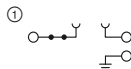
Disconnect terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 158.

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

³⁾ Lower level



20 A, disconnect terminal block
with PE foot



Technical data¹⁾

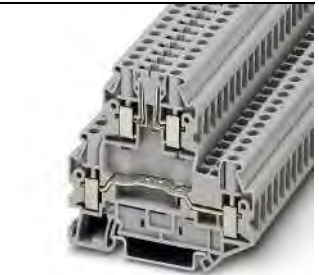
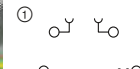
Dimensions		Width	Length	Height
	[mm]	6.2	70.8	47.5 (NS 35/7,5)
Maximum electrical data		I _{max} [A]	U _{max} [V]	max. Ø [mm ²] AWG (UL)
		20	500	0.14 - 6 -
Maximum bridge current	[A]	20 (FBS) / 20 (FBSR)		
Rated data		IEC	UL / CUL	CSA Ex
Rated voltage	[V]	500	-	600 -
Nominal current / cross section	[A] / [mm ²]	20 / 2.5	- / -	16 / - - / -
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve
2 conductors (of the same type)	[mm ²]	-	-	- -

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	gray	UT 4-PE/TG	① 3070024	50
With test socket screws	gray	UT 4-PE/TG P/P	① 3070037	50

Accessories¹⁾

D-UT 2,5/4-QUATTRO	3047170	50
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38 A, double-level terminal block
with disconnect zone



Technical data¹⁾

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	[A]	30 (FBS) / 24 (FBSR)		
Rated data		IEC	UL / CUL	CSA Ex
Rated voltage	[V]	500 ²⁾	600	600 -
Nominal current / cross section	[A] / [mm ²]	30 / 4	16 / -	5 / - - / -
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve
0.14 - 1.5		0.14 - 1.5	0.14 - 1.5	-

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	gray	UTTB 4-TG	① 3044720	50

Accessories¹⁾

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

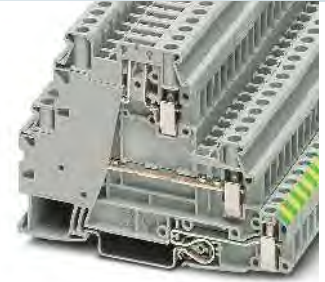
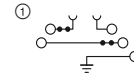
Disconnect terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 158.

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

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



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



Ex:

KIWA 14ATEX0025U / IECEx KIWA14.0014U

Technical data¹⁾

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

Width	Length	Height	
6.2	92.7	61.7 (NS 35/7,5)	
I_{max} [A]	U_{max} [V]	max. Ø [mm²]	AWG (UL)
36	500	0.14 - 6	26-10
28 (FBS) / 24 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	300	-	250
28 / 4	16 / -	- / -	6.3 / 4
20°) / 2.5 (disconnect level)			

Ordering data

Description	Color
Terminal block	gray

Type	Order No.	Pcs./Pkt.
UT 4-PE/L/TG	3214365	50

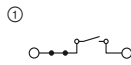
Knife disconnect terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 158.

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

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



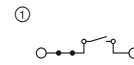
20 A, knife disconnect terminal block



Technical data ¹⁾			
Width	Length	Height	
6.2	57.8	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	600	-
20 / 2.5	16 / -	16 / -	- / -

Ordering data

Type	Order No.	Pcs./Pkt.
UT 4-MT	3046139	50
UT 4-MT BU	3046278	50
UT 4-MT-P/P	3046171	50
UT 4-MT-P/P BU	3046265	50



**20 A, knife disconnect terminal block
for Ex nA**



Ex:

IECEx UL 13.0007U

Technical data¹⁾

Width	Length	Height	
6.2	57.8	49.1 (NS 35/7,5)	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
20	500	0.14 - 6	-
20 (FBS) / 20 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	-	-	500
20 / 2.5	- / -	- / -	16 / 4

Ordering data

Type	Order No.	Pcs./Pkt.
UT 4-MT-EX	3046141	50
UT 4-MT-P/P-EX	3046173	50

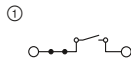
Terminal blocks – CLIPLINE complete

4 mm² UT screw connection terminal blocks

Knife disconnect terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 158.



20 A, knife disconnect terminal block, with actuation lever

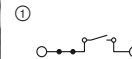


Technical data¹⁾

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)		
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 4-MTL	① 3046144	50
red actuation lever	gray	UT 4-MTL KNIFE-RD	① 3046152	50
white actuation lever	gray	UT 4-MTL KNIFE-WH	① 3046148	50



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



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)		
Rated data	IEC	UL / CUL	CSA Ex
Rated voltage	500	300	600 -
Nominal current / cross section	20 / 2.5	16 / -	16 / - - / -

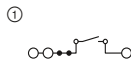
Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	gray	UT 4-MTL-P/P	① 3046146	50
red actuation lever	gray	UT 4-MTL-P/P KNIFE-RD	① 3046154	50
white actuation lever	gray	UT 4-MTL-P/P KNIFE-WH	① 3046150	50

Knife disconnect terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 158.



20 A, knife disconnect terminal block, 3 connections



Technical data¹⁾

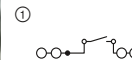
Dimensions	Width	Length	Height
[mm]	6.2	65.4	49.1 (NS 35/7,5)
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²] AWG (UL)
	20	500	0.14 - 6 26-10
Maximum bridge current	20 (FBS) / 20 (FBSR)		
Rated data	IEC	UL / CUL	CSA Ex
Rated voltage	500	300	300 -
Nominal current / cross section	20 /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

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	gray	UT 4-TWIN-MT	① 3046003	50
	blue	UT 4-TWIN-MT BU	① 3073018	50
With test socket screws	gray	UT 4-TWIN-MT P/P	① 3064014	50
	blue	UT 4-TWIN-MT P/P BU	① 3073021	50

Accessories¹⁾

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



20 A, knife disconnect terminal block, 4 connections



Technical data¹⁾

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)		
Rated data	IEC	UL / CUL	CSA Ex
Rated voltage	500	300	300 -
Nominal current / cross section	20 / 2.5	16 / -	16 / - - / -

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	gray	UT 4-QUATTRO-MT	① 3064043	50
	blue	UT 4-QUATTRO-MT BU	① 3073050	50
With test socket screws	gray	UT 4-QUATTRO-MT P/P	① 3064056	50
	blue	UT 4-QUATTRO-MT P/P BU	① 3073063	50

Accessories¹⁾

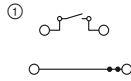
Accessories	Order No.	Pcs./Pkt.
D-UT 2,5/4-QUATTRO	① 3047170	50

Knife disconnect terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 158.

²⁾ Lower level



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

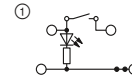


Technical data ¹⁾			
Width	Length	Height	
6.2	69.9	65 (NS 35/7,5)	
I_{max} [A]	U_{max} [V]	$\varnothing$ max. Ø [mm ²]	AWG (UL)
38²⁾	500	0.14 - 6	26-10
36 (FBS) / 24 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	600	600	-
30 / 4	16 / -	5 / -	- / -
20 / 2.5 (disconnect level)			

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

Accessories ¹⁾			
D-UTT 2,5/4	3047293	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
Knife disconnect terminal block	gray
With test socket screws	gray
For 12 - 30 V DC, 0.7 - 2.4 mA	gray
Cover, width: 2.2 mm	gray



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



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)
38²⁾	24	0.14 - 6	26-10
30 (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 4-MT P/P LA 24 RD/O-U	3046773	50	

Accessories ¹⁾			
D-UTT 2,5/4	3047293	50	

Knife disconnect terminal blocks

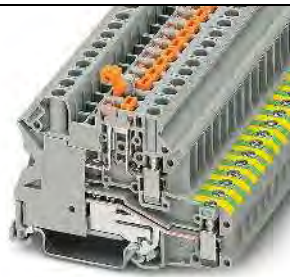
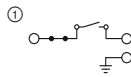
Notes:

¹⁾ For additional accessories and technical data, see page 158.

²⁾ Lower level

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

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



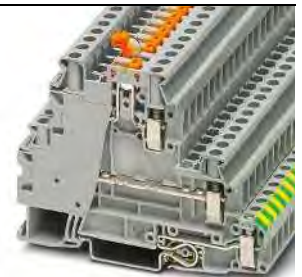
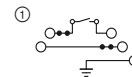
20 A, knife disconnect terminal block with PE foot



Technical data ¹⁾			
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 / -	- / -
-			

Ordering data			
Type	Order No.	Pcs./Pkt.	
UT 4-PE/MT	3070011	50	
UT 4-PE/MT P/P	3046140	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
Knife disconnect terminal block	gray
With test socket screws	gray



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



Ex: **Ex** **UL** **IEC** **RoHS**
KIWA 14ATEX0025U / IECEx KIWA14.0014U

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 ²⁾	500	0.14 - 6	26-10	
28 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	300	-	500	
28 / 4	16 / -	- / -	16 / 4	
20 / 2.5 (disconnect level)				

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

Terminal blocks – CLIPLINE complete

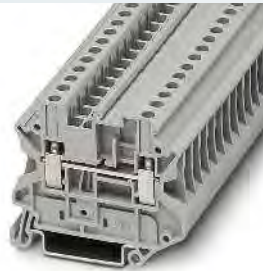
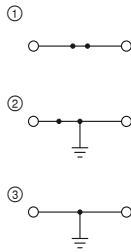
4 mm² UT screw connection terminal blocks

Diode terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 158.

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



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



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

Technical data¹⁾

Dimensions	[mm]
Width	6.2
Length	57.8
Height	47.5 (NS 35/7,5)
Maximum electrical data	
I_{max} [A]	41
U_{max} [V]	800
max. Ø [mm ²]	0.14 - 6
AWG (UL)	26-10
32 (FBS) / 24 (FBSR)	
Rated data	
Rated voltage [V]	800
Nominal current / cross section [A] / [mm ²]	32 / 4

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

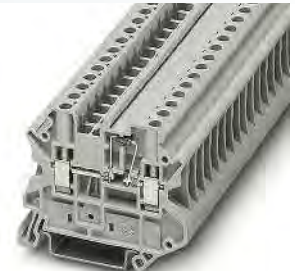
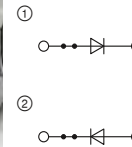
Cover, width: 2.2 mm	gray
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Ordering data

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

Accessories¹⁾

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



Technical data¹⁾

Width	Length	Height
6.2	57.8	47.5 (NS 35/7,5)
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]
0.5	800	0.14 - 6
32 (FBS) / 24 (FBSR)		
Rated data		
Rated voltage [V]	800	600
Nominal current / cross section [A] / [mm ²]	0.5 / 1	0.5 / -

Ordering data

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

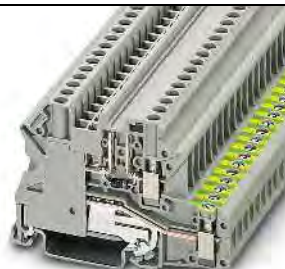
Accessories¹⁾

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

Notes:

¹⁾ For additional accessories and technical data, see page 158.



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



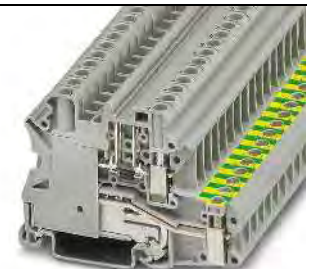
Technical data¹⁾

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

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

Ordering data

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



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



Technical data¹⁾

Width	Length	Height
6.2	70.8	47.5 (NS 35/7,5)
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]
0.5	500	0.14 - 6
32 (FBS) / 24 (FBSR)		
Rated data		
Rated voltage [V]	500	600
Nominal current / cross section [A] / [mm ²]	0.5 / 1	0.5 / -

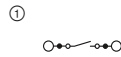
Ordering data

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

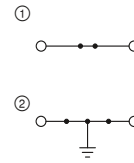
Test disconnect terminal blocks

Notes:

1) For additional accessories and technical data, see page 158.



28 A, test disconnect terminal block



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



Technical data ¹⁾			
Width	Length	Height	
6.2	66	49.5 (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	3047491	10



Technical data ¹⁾			
Width	Length	Height	
6.2	66	49.5 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	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	3047491	10

Dimensions	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]

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

Cover, width: 2.2 mm	gray
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Supplementary accessories for UTME 4 test disconnect terminal blocks



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

- 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
Switching bridge, plug-in	2	gray/orange
	3	gray/orange
	4	gray/orange
	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 4/1	1062645	10
C-ME 4/2	3035759	10
C-ME 4/3	3035760	10

Installation terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 158.

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

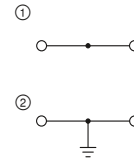
		Technical data ¹⁾			
Dimensions		Width	Length	Height	
	[mm]	6.2	55	47.5 (NS 35/7,5)	
Maximum electrical data		I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
		32	250	0.14 - 6	-
Maximum bridge current		32 (FBS) / 24 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage		250	-	-	-
Nominal current / cross section		32 / 4	- / -	- / -	- / -
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	[mm ²]	0.14 - 6	0.14 - 6	0.25 - 4	0.25 - 4
Ordering data					
Type			Order No.	Pcs./Pkt.	
UTN 4			① 3245024	50	
Accessories ¹⁾					
D-UTN 2,5/10			3245079	50	
Support bracket			3245082	50	

Mini feed-through and ground terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 158.

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



41 A, feed-through and ground terminal block



Ex: EAC Ex IEC Ex CB

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. Ø [mm ²] AWG (UL)
		41	500	0.2 - 6 24-10
Maximum bridge current		28 (FBS) / 24 (FBSR)		
Rated data		IEC	UL / CUL	CSA Ex
Rated voltage		500	300	600 352
Nominal current / cross section		32 / 4	30 / -	30 / - 27.5 / 6
Cross section range		24 - 10	-	-
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve
1 conductor		0.2 - 6	0.2 - 6	0.25 - 4 0.25 - 4
2 conductors (of the same type)		0.2 - 1.5	0.2 - 1.5	0.25 - 1.5 -

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	gray	MUT 4	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

Rated data		IEC 60947-7-1 / IEC 60947-7-2 / IEC 60947-7-3			
Rated cross section	[mm²]	6			
Cross section range	AWG	24 - 8			
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.2 - 10	0.2 - 10	0.25 - 6	0.25 - 6
2 conductors (of the same type)	[mm²]	0.2 - 2.5	0.2 - 2.5	0.25 - 1.5	-
2 flexible conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 4
General data					
Stripping length	[mm]	10			
Screw thread		M4			
Tightening torque	[Nm]	1.5 - 1.8			
Insulating material		PA			
Flammability rating in accordance with UL 94		V0			

Note: Additional or deviating data is listed alongside the respective product.

Notes:



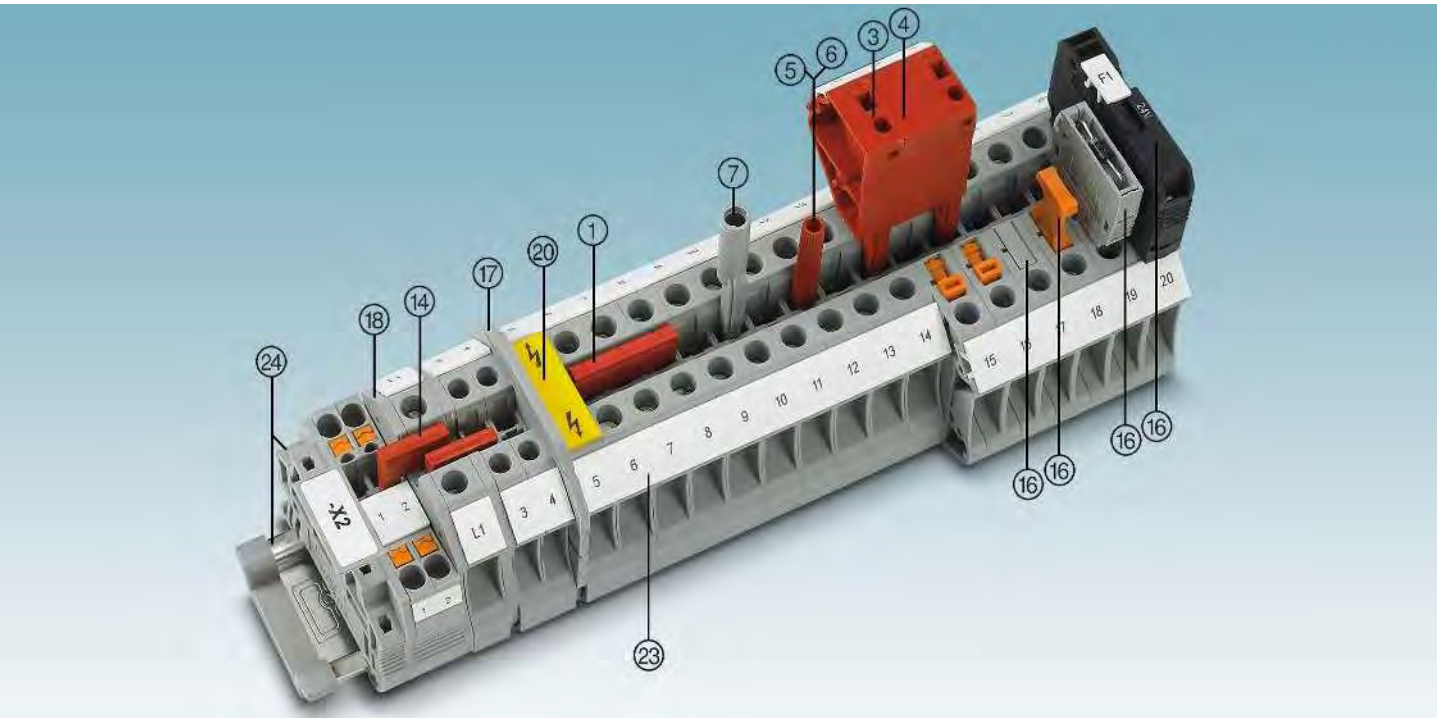
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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 nos., and Internet links, please visit phoenixcontact.net/products

¹⁾ The bridge current is listed alongside the respective product. For additional colors, see page 402.

System accessories



Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① 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		gray	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			

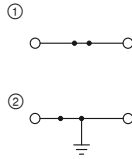
⑭ Reducing bridge	For RB ..., see page 408.
⑮ Fuse and function plugs for disconnect terminal blocks	For P-FU ... / P-DI / P-FIX / P-CO ..., see from page 414.
⑰ Partition plates/end cover segments	For ATP-... / DS-..., visit phoenixcontact.net/products
⑱ Cover	Listed alongside the respective product.
⑲ Warning labels	For WS ..., see page 420.
⑳ Lateral groove labeling	UC-TM 8, UCT-TM 8 or ZB 8. See also Catalog 3, selection tables, from page 60.
㉑ DIN rail and end bracket	See Catalog 3
For full accessories, visit phoenixcontact.net/products	Note: Additional or deviating accessories are listed alongside the respective product.

Feed-through and multi-level terminal blocks

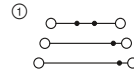
Notes:

¹⁾ For additional accessories and technical data, see page 172.

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



57 A, feed-through and ground terminal block



50 A, multi-level terminal block



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

Technical data¹⁾

Width	Length	Height	
8.2	47.7	47.5 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
57	1000	0.2 - 10	24-8
41 (FBS) / 32 (FBSR)			
IEC	UL / CUL	CSA	Ex
1000	600	600	690
41 / 6	50 / -	50 / -	40 / 6

Ordering data

Type	Order No.	Pcs./Pkt.
UT 6	① 3044131	50
UT 6 BU	① 3044144	50
UT 6-PE	② 3044157	50

Accessories¹⁾

D-UT 2,5/10	3047028	50
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Technical data¹⁾

Width	Length	Height	
8.2	110	98.8 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
50	1000	0.2 - 10	24-8
36 (FBS)			
IEC	UL / CUL	CSA	Ex
1000	600	600	-
36 / 6	40 / -	40 / -	- / -

Ordering data

Type	Order No.	Pcs./Pkt.
UT 6-3L	① 3046703	50

Accessories¹⁾

D-UT 6-3L	3046707	50
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Fuse terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 172.

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

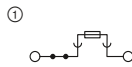
³⁾ For max. power dissipation, see page 694.

⁴⁾ The current is determined by the fuse used, the voltage by the LED display. Observe max. power dissipation.

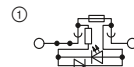
⁵⁾ The current is determined by the fuse used, the voltage by the LED display.

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



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

Technical data¹⁾

Width	Length	Height	
8.2	57.8	73 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
10 ³⁾	630 ⁵⁾	0.2 - 10	24-8
41 (FBS) / 32 (FBSR)			
IEC	UL / CUL	CSA	Ex
630 ⁵⁾	600	600	-
10 ⁵⁾ / 1.5	10 / -	10 / -	- / -

Ordering data

Type	Order No.	Pcs./Pkt.
UT 6-HESI (6,3X32)	① 3046401	50

Technical data¹⁾

Width	Length	Height	
8.2	57.8	73 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
10 ³⁾	24 ⁴⁾	0.2 - 10	24-8
41 (FBS) / 32 (FBSR)			
IEC	UL / CUL	CSA	Ex
24 ⁴⁾	600	600	-
10 ⁵⁾ / 1.5	10 / -	10 / -	- / -

Ordering data

Type	Order No.	Pcs./Pkt.
UT 6-HESILED 24 (6,3X32)	① 3046414	50
UT 6-HESILED 60 (6,3X32)	① 3046427	50
UT 6-HESILA 250 (6,3X32)	① 3046430	50

Terminal blocks – CLIPLINE complete

6 mm² UT screw connection terminal blocks

Disconnect terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 172.

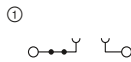
²⁾ If the fuse is faulty, the downstream circuit is not off load.

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

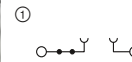
Detailed information and data sheets regarding modular terminal blocks in the Ex area are available in the product area on our website at www.phoenixcontact.net/products and in IECEx Certificate of Conformity IECEx UL 13.0007U and in UL file E192998.

Only the fuse plugs listed may be used.

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



20 A, disconnect terminal block



20 A, disconnect terminal block for Ex nA



EAC

Ex: IECEx UL 13.0007U

Technical data¹⁾

Width	Length	Height	
8.2	57.8	47.5 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm²] AWG (UL)	
20³)	500³)	0.2 - 10 24-8	
20 (FBS) / 20 (FBSR)			
IEC	UL / CUL	CSA	Ex
500³)	600	600	-
20³) / 2.5	16 / -	16 / -	- / -

Ordering data

Type	Order No.	Pcs./Pkt.
UT 6-TG	① 3046485	50
UT 6-TG BU	① 3073856	50
UT 6-TG P/P	① 3073869	50
UT 6-TG P/P BU	① 3073872	50

Accessories¹⁾

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Technical data¹⁾

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

Ordering data

Type	Order No.	Pcs./Pkt.
UT 6-TG-EX	① 3046486	50
UT 6-TG P/P-EX	① 3073870	50

Accessories¹⁾

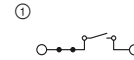
P-FU 6,3X32-EX	3046499	10
P-FU 6,3X32 LED 24-EX	3046509	10
P-FU 6,3X32 LED 60-EX	3046512	10
P-FU 6,3X32 LA 250-EX	3046525	10

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

Knife disconnect terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 172.



20 A, knife disconnect terminal block

Technical data¹⁾

Dimensions		Width	Length	Height
		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
		20 (FBS) / 20 (FBSR)		
Rated data		IEC	UL / CUL	CSA Ex
Maximum bridge current		500	600	600 -
Rated voltage		20 / 2.5	16 / -	16 / - - / -
Nominal current / cross section		[A] / [mm ²]		

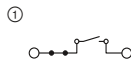
Ordering data

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

Knife disconnect terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 172.



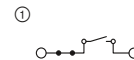
20 A, knife disconnect terminal block, with actuation lever

Technical data¹⁾

Dimensions		Width	Length	Height
		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
		20 (FBS) / 20 (FBSR)		
Rated data		IEC	UL / CUL	CSA Ex
Maximum bridge current		500	600	600 -
Rated voltage		20 / 2.5	16 / -	16 / - - / -
Nominal current / cross section		[A] / [mm ²]		

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	gray	UT 6-MTL	① 3046145	50
Red actuation lever	gray	UT 6-MTL KNIFE-RD	① 3046153	50
White actuation lever	gray	UT 6-MTL KNIFE-WH	① 3046149	50



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

Technical data¹⁾

Dimensions		Width	Length	Height
		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 -
		20 (FBS) / 20 (FBSR)		
Rated data		IEC	UL / CUL	CSA Ex
Maximum bridge current		500	-	600 -
Rated voltage		20 / 2.5	- / -	16 / - - / -
Nominal current / cross section		[A] / [mm ²]		

Ordering data

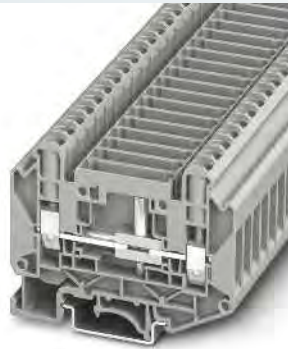
Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	gray	UT 6-MTL P/P	① 3046147	50
Red actuation lever	gray	UT 6-MTL P/P KNIFE-RD	① 3046155	50
White actuation lever	gray	UT 6-MTL P/P KNIFE-WH	① 3046151	50

Terminal blocks – CLIPLINE complete

6 mm² UT screw connection terminal blocks

Test disconnect terminal blocks

Notes:
For further plug-in bridges, see page 402.
For further test sockets, see page 587.
For corresponding AP-ME and AH-ME terminal strip covers, see Catalog 3.



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



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



		Technical data			
Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	8.2	72.6	54.3	
Dimensions		Width	Length	Height NS 32	
	[mm]	8.2	72.6	59.3	
Maximum electrical data		I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
		57	1000	0.2 - 10	-
Rated data		IEC 60947-7-1			
		IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage		1000	-	-	-
Nominal current / cross section		41 / 6	-	-	-
General data					
Stripping length		12			
Tightening torque		1.2 - 1.4			

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

			Accessories			
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, labeled						
3-pos., positions 1, 3	3	red	FBS 1/3-8	24 A	3032363	10
4-pos., positions 1, 4	4	red	FBS 1/4-8	24 A	3032376	10
5-pos., positions 1, 5	5	red	FBS 1/5-8	24 A	3032381	10
5-pos., positions 1, 3, 5	5	red	FBS 1/3/5-8	24 A	3032389	10
10-pos., positions 1, 4, 7, 10	10	red	FBS 1/4/7/10-8	24 A	3032402	10
Fixed bridge						
	10	silver				
Isolator bridge bar						
	10	silver				
Switching bridge						
	2	orange				
	3	orange				
	4	orange				
Switching bridge, 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					

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 [mm²]	AWG (UL)
50	1000	0.2 - 10	20-8
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1000	600	-	-
41 / 6	50	-	-
12			
1.5 - 1.8			

Ordering data		Type	I _{max}	Order No.	Pcs./Pkt.
Description	No. of pos.	UT 6-T/SP		3072815	50
		UTD 6/SP		3072817	50

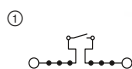
Accessories			
D-UT 6-T/SP		3072816	50
FBS 2-8	41 A	3030284	10
FBS 3-8	41 A	3030297	10
FBS 4-8	41 A	3030307	10
FBS 5-8	41 A	3030310	10
FBS 10-8	41 A	3030323	10
FBS 1/3-8	24 A	3032363	10
FBS 1/4-8	24 A	3032376	10
FBS 1/5-8	24 A	3032381	10
FBS 1/3/5-8	24 A	3032389	10
FBS 1/4/7/10-8	24 A	3032402	10
SCBI 10-8,15	24 A	3245134	10
SCBI 10-8,15 ISO	24 A	3000417	10
SB 6-T 2-8	32 A	3075842	10
SB 6-T 3-8	32 A	3075843	10
SB 6-T 4-8	32 A	3075844	10
SB-MER 2-8	25 A	3000587	10
SB-MER 3-8	25 A	3000588	10
SB-MER 4-8	25 A	3000589	10
TS-UK 6-T		3072820	10
TPS 3/20/5		3246586	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 VT		3032761	10
PAI-4-FIX BK		3032774	10
PAI-4-FIX BN		3032787	10
PAI-4-FIX GY		3032790	10
PSBJ 6-T YE		3070326	10
PSBJ 6-T GN		3070327	10
PSBJ 6-T VT		3070328	10
PSBJ 6-T BK		3070318	10

Test disconnect terminal blocks

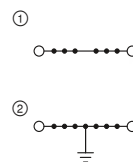
Notes:

¹⁾ For additional accessories and technical data, see page 172.

For corresponding terminal strip covers, see Catalog 3.



30 A, test disconnect terminal block



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



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	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	-	
30 / 6	30 / -	30 / -	- / -	

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

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

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

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

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

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

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

Supplementary accessories for UTME 6 test 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
Switching lock, plug-in		white
Switching bridge, plug-in	2	gray/orange
	3	gray/orange
	4	gray/orange
Operating lever, for actuating test disconnect 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

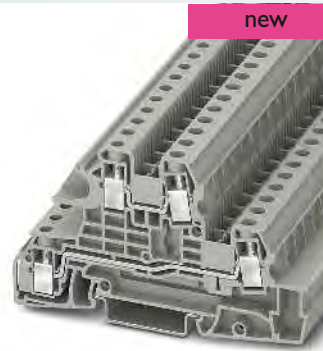
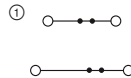
Installation terminal blocks

Notes:

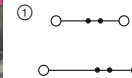
¹) For additional accessories and technical data, see page 172.

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



47 A, three-level terminal block,
2 x L outer conductors



47 A, three-level terminal block,
1 x L outer conductor L, 1 x N neutral conductor

ERC

Technical data¹)

Dimensions	Width	Length	Height
	8.2	95	51.5 (NS 35/7,5)
Maximum electrical data	I _{max} [A]	U _{max} [V]	max. Ø [mm²] AWG (UL)
	47	400	0.2 - 10
Rated data	IEC	UL / CUL	CSA Ex
Maximum bridge current	34 (FBSL)	UL / CUL	CSA Ex
Rated voltage	400	-	-
Nominal current / cross section	38 / 6	- / -	- / -
Connection capacity	Rigid	Flexible	Ferrule without/with plastic sleeve
2 conductors (of the same type)	0.2 - 2.5	0.2 - 2.5	-
General data	Stripping length	Screw thread	Tightening torque
	9	M3	0.5 - 0.6

Ordering data

Description	No. of pos.	Color	Type	I _{max}	Order No.	Pcs./Pkt.
Terminal block		gray	UTI 6-L/L	①	3076042	50
upper level blue		gray				

Accessories¹)

Cover, width: 2.2 mm	gray	D-UTI 6/3	1025464	50		
Support bracket, to hold the neutral busbar, set every 20 cm, 2.2 mm wide	blue	AB-UTI 6/3	1037092	50		
Plug-in bridge						
	2	red	FBSL 2-8	34 A	3030324	10
	3	red	FBSL 3-8	34 A	3030325	10
	4	red	FBSL 4-8	34 A	3030326	10
	5	red	FBSL 5-8	34 A	3030327	10
	10	red	FBSL 10-8	34 A	3030328	10

ERC

Technical data¹)

Dimensions	Width	Length	Height
	8.2	95	51.5 (NS 35/7,5)
Maximum electrical data	I _{max} [A]	U _{max} [V]	max. Ø [mm²] AWG (UL)
	47	400	0.2 - 10
Rated data	IEC	UL / CUL	CSA Ex
Maximum bridge current	34 (FBSL)	UL / CUL	CSA Ex
Rated voltage	400	-	-
Nominal current / cross section	38 / 6	- / -	- / -
Connection capacity	Rigid	Flexible	Ferrule without/with plastic sleeve
2 conductors (of the same type)	0.2 - 2.5	0.2 - 2.5	-
General data	Stripping length	Screw thread	Tightening torque
	9	M3	0.5 - 0.6

Ordering data

Description	No. of pos.	Color	Type	I _{max}	Order No.	Pcs./Pkt.
Terminal block		gray	UTI 6-L/N	①	3076045	50
upper level blue		gray				

Accessories¹)

D-UTI 6/3		1025464	50
AB-UTI 6/3		1037092	50
FBSL 2-8	34 A	3030324	10
FBSL 3-8	34 A	3030325	10
FBSL 4-8	34 A	3030326	10
FBSL 5-8	34 A	3030327	10
FBSL 10-8	34 A	3030328	10

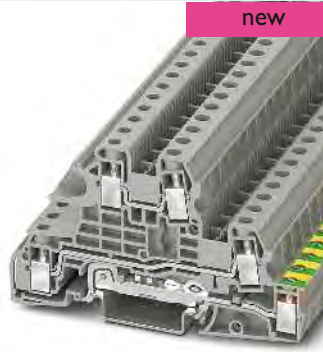
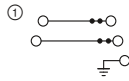
Installation terminal blocks

Notes:

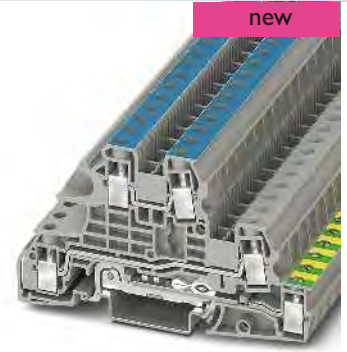
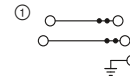
¹⁾ For additional accessories and technical data, see page 172.

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



47 A, three-level terminal block,
2 x L outer conductors, 1 x PE



47 A, three-level terminal block,
1 x L outer conductor, 1 x N conductor, 1 x PE

EAC

Technical data ¹⁾			
Width	Length	Height	
8.2	95	51.5 (NS 35/7,5)	
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
47	400	0.2 - 10	-
34 (FBSL)			
IEC	UL / CUL	CSA	Ex
400	-	-	-
38 / 6	- / -	- / -	- / -
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 2.5	0.2 - 2.5	-	-
9			
M3			
0.5 - 0.6			

Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
UTI 6-PE/L/L	①	3076040	50

Accessories ¹⁾			
D-UTI 6/3		1025464	50
AB-UTI 6/3		1037092	50
FBSL 2-8	34 A	3030324	10
FBSL 3-8	34 A	3030325	10
FBSL 4-8	34 A	3030326	10
FBSL 5-8	34 A	3030327	10
FBSL 10-8	34 A	3030328	10

Description	No. of pos.	Color
Terminal block		gray
upper level blue		gray
Cover, width: 2.2 mm		gray
Support bracket, to hold the neutral busbar, set every 20 cm, 2.2 mm wide		blue
Plug-in bridge		
	2	red
	3	red
	4	red
	5	red
	10	red

EAC

Technical data ¹⁾			
Width	Length	Height	
8.2	95	51.5 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
47	400	0.2 - 10	-
34 (FBSL)			
IEC	UL / CUL	CSA	Ex
400	-	-	-
38 / 6	- / -	- / -	- / -
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 2.5	0.2 - 2.5	-	-
9			
M3			
0.5 - 0.6			

Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
UTI 6-PE/L/N	①	3076041	50

Accessories ¹⁾			
D-UTI 6/3		1025464	50
AB-UTI 6/3		1037092	50
FBSL 2-8	34 A	3030324	10
FBSL 3-8	34 A	3030325	10
FBSL 4-8	34 A	3030326	10
FBSL 5-8	34 A	3030327	10
FBSL 10-8	34 A	3030328	10

Terminal blocks – CLIPLINE complete

6 mm² UT screw connection terminal blocks

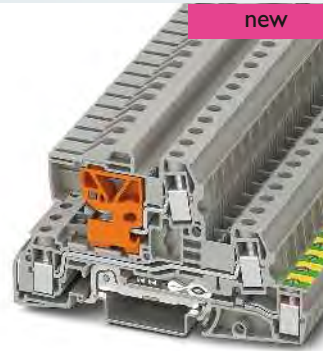
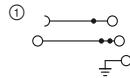
Installation terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 172.

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



**47 A, three-level terminal block,
1 x L outer conductor, 1 x L conductor
which can be disconnected, 1 x PE**

ERC

Technical data¹⁾

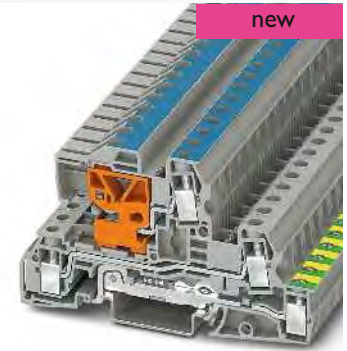
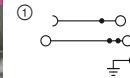
Dimensions	Width	Length	Height
	8.2	95	51.5 (NS 35/7,5)
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²] AWG (UL)
	47	400	0.2 - 10
Rated data	34 (FBSL)	IEC	UL / CUL
Maximum bridge current	[A]	400	-
Rated voltage	[V]	38 / 6	- / -
Nominal current / cross section	[A] / [mm ²]	Rigid	Flexible
Connection capacity	2 conductors (of the same type)	0.2 - 2.5	0.2 - 2.5
General data	Stripping length	[mm]	9
	Screw thread	M3	
	Tightening torque	[Nm]	0.5 - 0.6

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Terminal block		gray	UTI 6-PE/L/LT	①	3076043	50
upper level blue		gray				

Accessories¹⁾

Cover, width: 2.2 mm	gray	D-UTI 6/3	1025464	50
Support bracket, to hold the neutral busbar, set every 20 cm, 2.2 mm wide	blue	AB-UTI 6/3	1037092	50
Plug-in bridge				
	2	red	FBSL 2-8 34 A	3030324 10
	3	red	FBSL 3-8 34 A	3030325 10
	4	red	FBSL 4-8 34 A	3030326 10
	5	red	FBSL 5-8 34 A	3030327 10
	10	red	FBSL 10-8 34 A	3030328 10



**47 A, three-level terminal block,
1 x L outer conductor, 1 x N conductor
which can be disconnected, 1 x PE**

ERC

Technical data¹⁾

Dimensions	Width	Length	Height
	8.2	95	51.5 (NS 35/7,5)
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²] AWG (UL)
	47	400	0.2 - 10
Rated data	34 (FBSL)	IEC	UL / CUL
Maximum bridge current	[A]	400	-
Rated voltage	[V]	38 / 6	- / -
Nominal current / cross section	[A] / [mm ²]	Rigid	Flexible
Connection capacity	2 conductors (of the same type)	0.2 - 2.5	0.2 - 2.5
General data	Stripping length	[mm]	9
	Screw thread	M3	
	Tightening torque	[Nm]	0.5 - 0.6

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Terminal block		gray	UTI 6-PE/L/NT	①	3076039	50
upper level blue		gray				

Accessories¹⁾

D-UTI 6/3		1025464	50
AB-UTI 6/3		1037092	50
FBSL 2-8	34 A	3030324	10
FBSL 3-8	34 A	3030325	10
FBSL 4-8	34 A	3030326	10
FBSL 5-8	34 A	3030327	10
FBSL 10-8	34 A	3030328	10

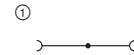
Installation terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 172.

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]

Description	Color
Terminal block	blue

Cover, width: 2.2 mm	blue
Support bracket	blue

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	- / -	- / -	- / -

Ordering data		
Type	Order No.	Pcs./Pkt.
UTN 6	① 3245037	50

Accessories ¹⁾		
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

Rated data		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm²]	10			
Cross section range	AWG	20 - 6			
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.5 - 16	0.5 - 16	0.5 - 10	0.5 - 10
2 conductors (of the same type)	[mm²]	0.5 - 4	0.5 - 4	0.5 - 2.5	-
2 flexible conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 6
General data					
Stripping length	[mm]	10			
Screw thread		M4			
Tightening torque	[Nm]	1.5 - 1.8			
Insulating material		PA			
Flammability rating in accordance with UL 94		V0			

Note: Additional or deviating data is listed alongside the respective product.

Notes:



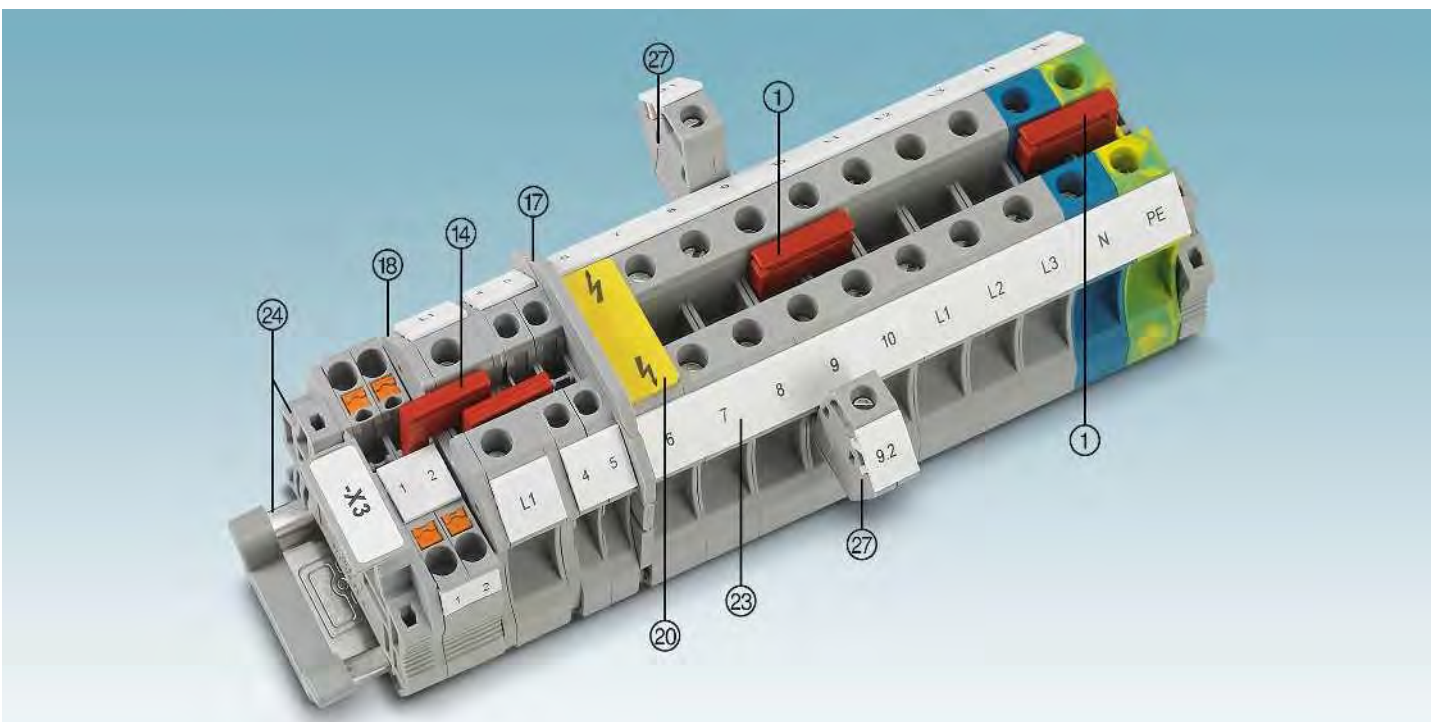
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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 nos., and Internet links, please visit phoenixcontact.net/products

¹⁾ The bridge current is listed alongside the respective product. For additional colors, see page 402.

System accessories



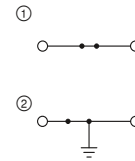
Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① Bridge ¹⁾	2	red	FBS 2-10	3005947	10			
	5	red	FBS 5-10	3005948	10			
② Tap-off terminal block		gray	AGK 4-UT 10	3047112	50			
Screwdriver			SZS 1,0X4,0 VDE	1205066	10			
④ Reducing bridge			For RB ..., see page 408.					
⑦ Partition plates/end cover segments			For ATP-... / DS-..., visit phoenixcontact.net/products					
⑩ Cover			Listed alongside the respective product.					
⑫ Warning labels			For WS ..., see page 420.					
⑬ Lateral groove labeling			UC-TM 10, UCT-TM 10 or ZB 10. See also Catalog 3, selection tables, from page 60.					
⑭ DIN rail and end bracket			See Catalog 3					
For full accessories, visit phoenixcontact.net/products			Note: Additional or deviating accessories are listed alongside the respective product.					

Feed-through and ground terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 182.

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



76 A, feed-through and ground terminal block



Ex:

KEMA 04ATEX2048 U / IECEx KEM 06.0027U

Technical data¹⁾

Dimensions	Width	Length	Height
	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

Type	Order No.	Pcs./Pkt.
UT 10	① 3044160	50
UT 10 BU	① 3044188	50
UT 10-PE	② 3044173	50

Accessories¹⁾

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

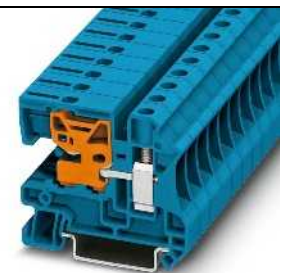
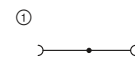
Installation terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 182.

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

EAC

Technical data¹⁾

Dimensions	Width	Length	Height
	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

Type	Order No.	Pcs./Pkt.
UTN 10	① 3245040	50

Accessories¹⁾

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

Terminal blocks – CLIPLINE complete

16 mm² UT screw connection terminal blocks

General technical data

Rated data		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm²]	16			
Cross section range	AWG	16 - 4			
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	1.5 - 25	1.5 - 25	1 - 16	1 - 16
2 conductors (of the same type)	[mm²]	1 - 6	1 - 6	1 - 6	-
2 flexible conductors with a TWIN ferrule	[mm²]	-	-	-	0.75 - 10
General data					
Stripping length	[mm]	14			
Screw thread		M5			
Tightening torque	[Nm]	2.5 - 3			
Insulating material		PA			
Flammability rating in accordance with UL 94		V0			

Note: Additional or deviating data is listed alongside the respective product.

Notes:



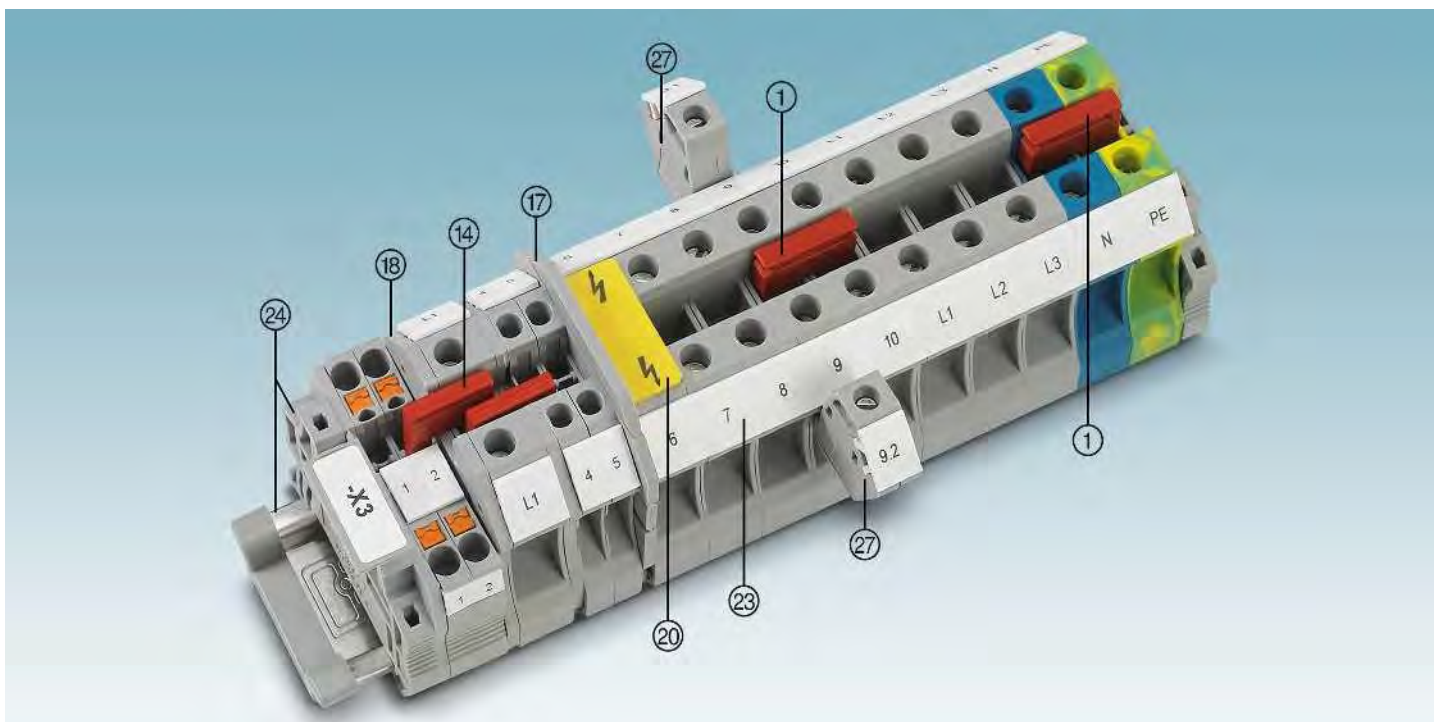
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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 nos., and Internet links, please visit phoenixcontact.net/products

¹⁾ The bridge current is listed alongside the respective product. For additional colors, see page 402.

System accessories



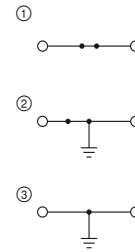
Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① Bridge ¹⁾	2	red	FBS 2-12	3005950	10			
⑦ Tap-off terminal block		gray	AGK 4-UT 16	3047125	50			
Screwdriver			SZS 1,0X6,5 VDE	1205079	10			
⑭ Reducing bridge			For RB ..., see page 408.					
⑰ Partition plates/end cover segments			For ATP-... / DS-..., visit phoenixcontact.net/products					
⑱ Cover			Listed alongside the respective product.					
⑳ Warning labels			For WS ..., see page 420.					
㉑ Lateral groove labeling			UC-TM 12, UCT-TM 12 or ZB 12. See also Catalog 3, selection tables, from page 60.					
㉒ DIN rail and end bracket			See Catalog 3					
For full accessories, visit phoenixcontact.net/products			Note: Additional or deviating accessories are listed alongside the respective product.					

Feed-through and ground terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 184.

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



101 A, feed-through and ground terminal block



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

Technical data¹⁾

Dimensions	Width	Length	Height
	12.2	55.5	55 (NS 35/7,5)
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm²] 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

Installation terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 184.

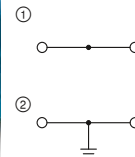
Only the FBI 10-12 bridge (Order No. 0203454) can be used for UTI 16.

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 and ground terminal block

EAC

Technical data¹⁾

Width	Length	Height
12.2	55	50.5 (NS 35/7,5)
I _{max} [A]	U _{max} [V]	max. Ø [mm²] AWG (UL)
76	400	6 - 25 -
-		
IEC	UL / CUL	CSA Ex
400	-	-
76 / 16	- / -	- / -
10 - 4	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve
6 - 25	6 - 16	6 - 16 6 - 16
2.5 - 10	2.5 - 6	4 - 6 -
12		
V2		

Ordering data

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

EAC

Technical data¹⁾

Width	Length	Height	
12.2	51	50.5 (NS 35/7,5)	
I _{max.} [A]	U _{max.} [V]	max. Ø [mm²]	AWG (UL)
76	400	6 - 25	-
101			
IEC	UL / CUL	CSA	Ex
400	-	-	-
76 / 16	- / -	- / -	- / -
10 - 4	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
6 - 25	6 - 16	6 - 16	6 - 16
2.5 - 10	2.5 - 6	4 - 6	-
12			
V2			

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

Rated data		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm²]	35			
Cross section range	AWG	16 - 1/0			
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	1.5 - 50	1.5 - 50	1.5 - 35	1.5 - 35
2 conductors (of the same type)	[mm²]	1.5 - 16	1.5 - 10	1.5 - 10	-
2 flexible conductors with a TWIN ferrule	[mm²]	-	-	-	1.5 - 16
General data					
Stripping length	[mm]	18			
Screw thread		M6			
Tightening torque	[Nm]	3.2 - 3.7			
Insulating material		PA			
Flammability rating in accordance with UL 94		V0			

Note: Additional or deviating data is listed alongside the respective product.

Notes:



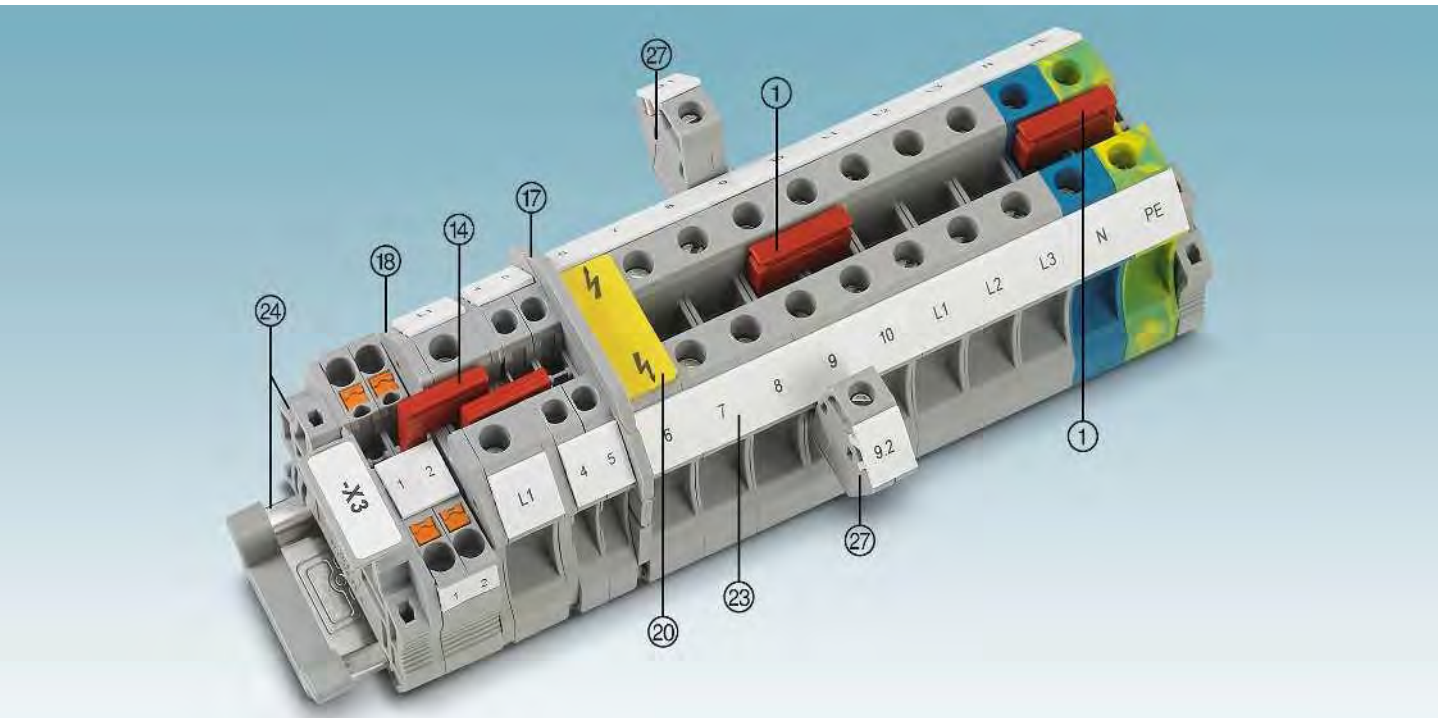
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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 nos., and Internet links, please visit phoenixcontact.net/products

¹⁾ The bridge current is listed alongside the respective product. For additional colors, see page 402.

System accessories



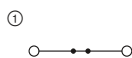
Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① Bridge ¹⁾	2	red	FBS 2-16	3005963	10			
② Tap-off terminal block		gray	AGK 4-UT 35	3047138	50			
Screwdriver			SZS 1,0X6,5 VDE	1205079	10			
④ Reducing bridge			For RB ..., see page 408.					
⑦ Partition plates/end cover segments			For ATP-... / DS-..., visit phoenixcontact.net/products					
⑧ Cover			Listed alongside the respective product.					
⑨ Warning labels			For WS ..., see page 420.					
⑩ Lateral groove labeling			UC-TM 16, UCT-TM 16 or ZB 16,3. See also Catalog 3, selection tables from page 60.					
⑪ DIN rail and end bracket			See Catalog 3					
For full accessories, visit phoenixcontact.net/products			Note: Additional or deviating accessories are listed alongside the respective product.					

Feed-through and ground terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 186.

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



150 A, feed-through terminal block



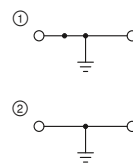
Ex:
KEMA 04ATEX2048 U / IECEx KEM 06.0027U

Technical data¹⁾

Width	Length	Height	
16	61.2	65.7 (NS 35/7,5)	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
150	1000	1.5 - 50	14
101			
IEC	UL / CUL	CSA	Ex
1000	1000	1000	690
125 / 35	150 / -	150 / -	123 / 35
16 - 1/0	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
1.5 - 50	1.5 - 50	1.5 - 35	1.5 - 35

Ordering data

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



Ground terminal



Ex:
KEMA 04ATEX2048 U / IECEx KEM 06.0027U

Technical data¹⁾

Width	Length	Height		
16	61.2	65.7 (NS 35/7,5)		
		max. Ø [mm²]	AWG (UL)	
		1.5 - 35	14-2	
101				
IEC	UL / CUL	CSA	Ex	
-	-	-	-	
- / 35	- / -	- / -	- / 35	
16 - 2	-	-	-	
Rigid	Flexible	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

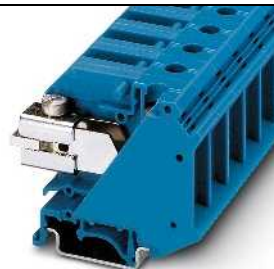
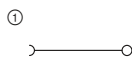
Notes:

¹⁾ For additional accessories and technical data, see page 186.

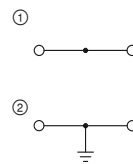
Only FBI ...-15 bridges can be used for UTI 35.

Assembly instruction:

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



110 A, neutral disconnect terminal block



125 A, feed-through and ground terminal block



Technical data ¹⁾			
Width	Length	Height	
15	55	51 (NS 35/7,5) / 56 (NS 32)	
I_{max} [A]	U_{max} [V]	max. Ø [mm²]	AWG (UL)
110	400	0.75 - 35	-
-			
IEC	UL / CUL	CSA	Ex
400	-	-	-
110 / 35	- / -	- / -	- / -
18 - 2	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.75 - 35	0.75 - 35	0.75 - 35	0.75 - 35
0.75 - 10	0.75 - 10	0.75 - 10	-
16			
V2			

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 [mm²]	AWG (UL)
125	800	0.75 - 35	-
135			
IEC	UL / CUL	CSA	Ex
800	-	-	-
125 / 35	- / -	- / -	- / -
18 - 2	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.75 - 35	0.75 - 35	0.75 - 35	0.75 - 35
0.75 - 10	0.75 - 10	0.75 - 10	-
16			
V2			

Ordering data

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

Terminal blocks – CLIPLINE complete

50 mm² UKH screw connection terminal blocks

General technical data

Rated data		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm²]	50			
Cross section range	AWG	6 - 2/0			
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	16 - 70	25 - 70	25 - 50	25 - 50
2 conductors (of the same type)	[mm²]	10 - 16	10 - 16	10 - 16	-
2 flexible conductors with a TWIN ferrule	[mm²]	-	-	-	-
General data					
Stripping length	[mm]	24			
Screw thread		M6			
Tightening torque	[Nm]	6 - 8			
Insulating material		PA			
Flammability rating in accordance with UL 94		VO			

Note: Additional or deviating data is listed alongside the respective product.

Notes:



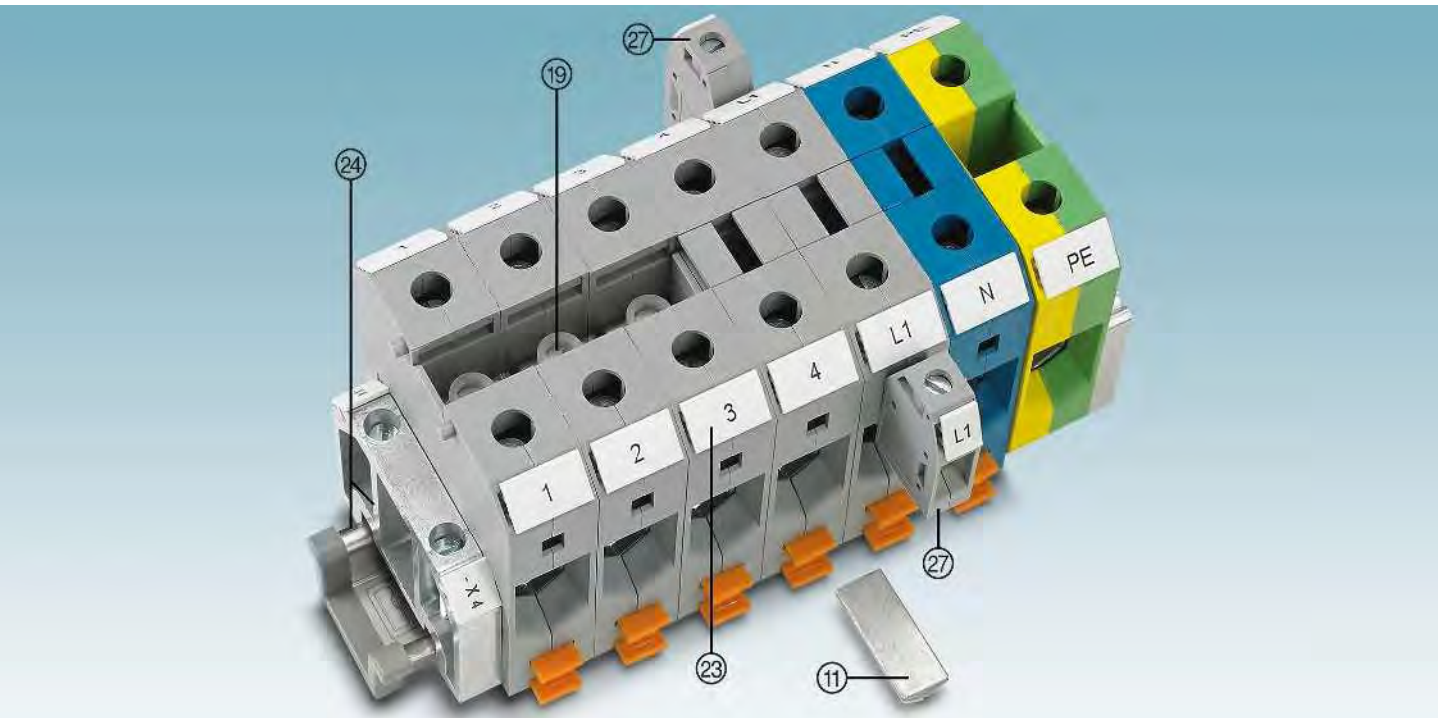
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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 nos., and Internet links, please visit phoenixcontact.net/products

¹⁾ The bridge current is listed alongside the respective product. For additional colors, see page 402.

System accessories



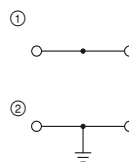
Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
② Fixed bridge ¹⁾	2	silver	FBI 2-20	0201346	10			
	3	silver	FBI 3-20	0201317	10			
⑪ Insertion profile for flat conductor connection, see page 682		silver	UKH 50 EP	3009228	10			
② Tap-off terminal block		gray	AGK 10-UKH 50	3001763	10			
Screwdriver			SZS 1,2X8,0 VDE	1205082	10			
② Lateral groove labeling			UC-TM 10, UC-TM 10 or ZB 10. See also Catalog 3, selection tables, from page 60.					
② DIN rail and end bracket			See Catalog 3					
For full accessories, visit phoenixcontact.net/products			Note: Additional or deviating accessories are listed alongside the respective product.					

High-current terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 188.

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



150 A, feed-through terminal block



Ex: EAC Ex IEC
KEMA 98ATEX1786U / IECEx KEM 06.0029U

Technical data¹⁾

Dimensions	Width	Length	Height
	20	70.5	83.5 (NS 35/15) / 81 (NS 32)
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²] AWG (UL)
	150	1000	16 - 70 6
Maximum bridge current	150		
Rated data	IEC	UL / CUL	CSA Ex
Rated voltage	1000	600	600 690
Nominal current / cross section	150 / 50	150 / -	150 / - 133 / 50

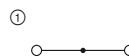
Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	gray	UKH 50	① 3009118	10
	blue	UKH 50 BU	① 3009105	10
Terminal block, voltage 1500 V	gray	UKH 50 1500V	① 3247400	10
	blue	UKH 50 1500V BU	① 3247402	10
Ground terminal	green-yellow	USLKG 50	② 0443049	10

High-current terminal blocks for direct mounting

Notes:

¹⁾ For additional accessories and technical data, see page 188.



150 A, feed-through terminal block for direct mounting

Technical data¹⁾

Dimensions	Width	Length	Height
	20	103.4	76
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²] AWG (UL)
	150	1000	16 - 70 -
Maximum bridge current	150		
Rated data	IEC	UL / CUL	CSA Ex
Rated voltage	1000	-	- -
Nominal current / cross section	150 / 50	- / -	- / - - / -

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block, for direct mounting	gray	UKH 50-F	① 3247019	10

Terminal blocks – CLIPLINE complete

70 mm² UKH screw connection terminal blocks

General technical data

Rated data		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm²]	70			
Cross section range	AWG	4 - 3/0			
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	16 - 95	25 - 70	16 - 70	16 - 70
2 conductors (of the same type)	[mm²]	16 - 25	16 - 25	16 - 25	-
2 flexible conductors with a TWIN ferrule	[mm²]	-	-	-	-
General data					
Stripping length	[mm]	24			
Screw thread		M8			
Tightening torque	[Nm]	8 - 10			
Insulating material		PA			
Flammability rating in accordance with UL 94		V0			

Note: Additional or deviating data is listed alongside the respective product.

Notes:



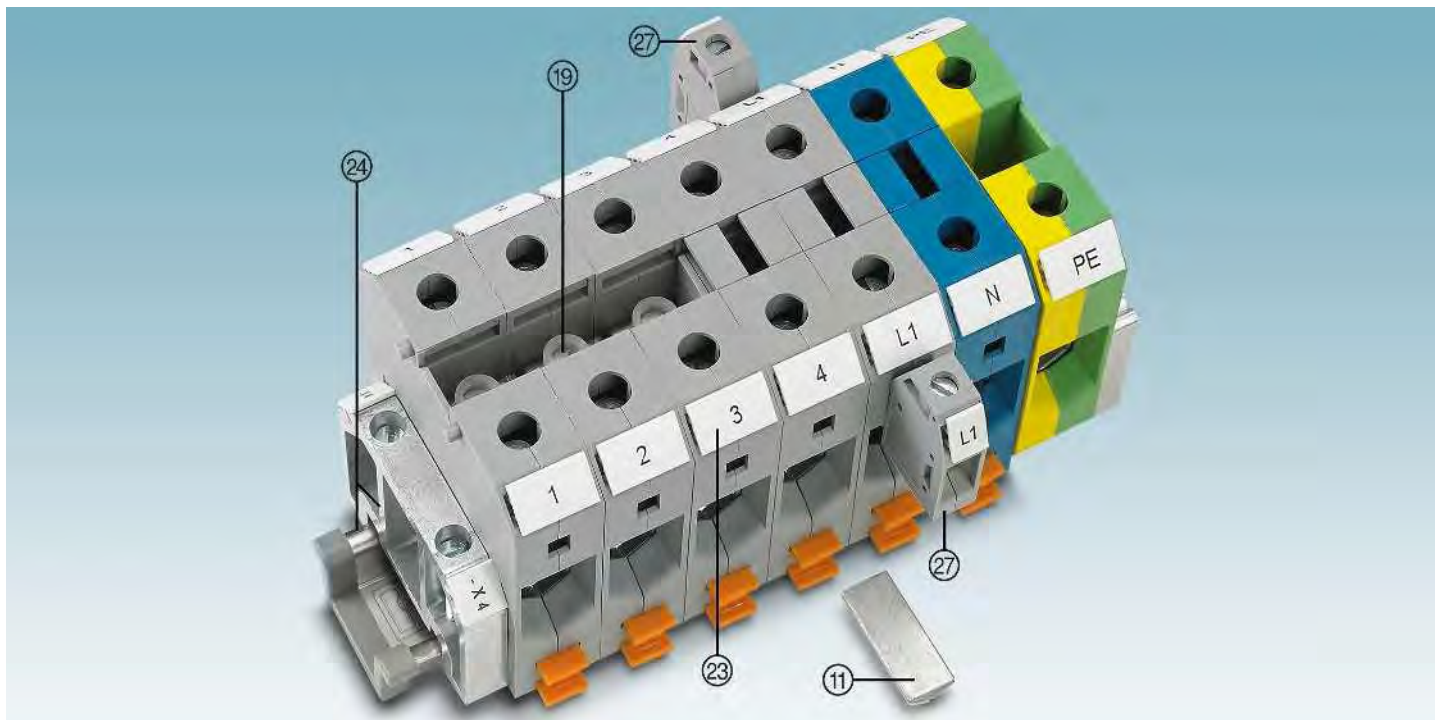
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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

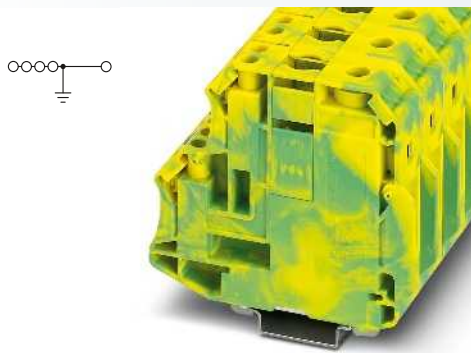
For full details of UL and CSA use groups, file nos., and Internet links, please visit phoenixcontact.net/products

¹⁾ The bridge current is listed alongside the respective product. For additional colors, see page 402.

System accessories



Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
② Fixed bridge ¹⁾	2	silver	FBI 2-20 N	3213195	10			
	3	silver	FBI 3-20 N	3213205	10			
① Insertion profile for flat conductor connection, see page 682		silver	UKH 50 EP	3009228	10			
⑦ Tap-off terminal block		gray	AGK 10-UKH 50	3001763	10			
Allen key			SF-THEX 6-200	1212642	5			
② Lateral groove labeling			UC-TM 10, UCT-TM 10 or ZB 10. See also Catalog 3, selection tables, from page 60.					
② DIN rail and end bracket			See Catalog 3					
For full accessories, visit phoenixcontact.net/products			Note: Additional or deviating accessories are listed alongside the respective product.					



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	
		max. Ø [mm ²]	AWG (UL)
		16 - 95	-
IEC 60947-7-2			
IEC	UL	CSA	IEC/ EN 60079-7
-	-	-	-
- / 70	- / -	- / -	-
70	-	-	-
4 - 3/0	-	-	-
Rigid	Flexible	Ferrule	
		without/with plastic sleeve	
16 - 95	25 - 70	16 - 70	16 - 70
-	-	-	-
Rigid	Flexible	Ferrule	
		without/with plastic sleeve	
1.5 - 16	1.5 - 10	1.5 - 10	1.5 - 6
-	-	-	-

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

Rated data		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm²]	95			
Cross section range	AWG	4 - 3/0			
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	25 - 95	35 - 95	35 - 95	35 - 95
2 conductors (of the same type)	[mm²]	25 - 35	25 - 35	16 - 35	-
2 flexible conductors with a TWIN ferrule	[mm²]	-	-	-	-
Max. cross section with insertion bridge	[mm²]	95	70	-	-
General data					
Stripping length	[mm]	33			
Screw thread		M8			
Tightening torque	[Nm]	15 - 20			
Insulating material		PA			
Flammability rating in accordance with UL 94		V0			

Note: Additional or deviating data is listed alongside the respective product.

Notes:



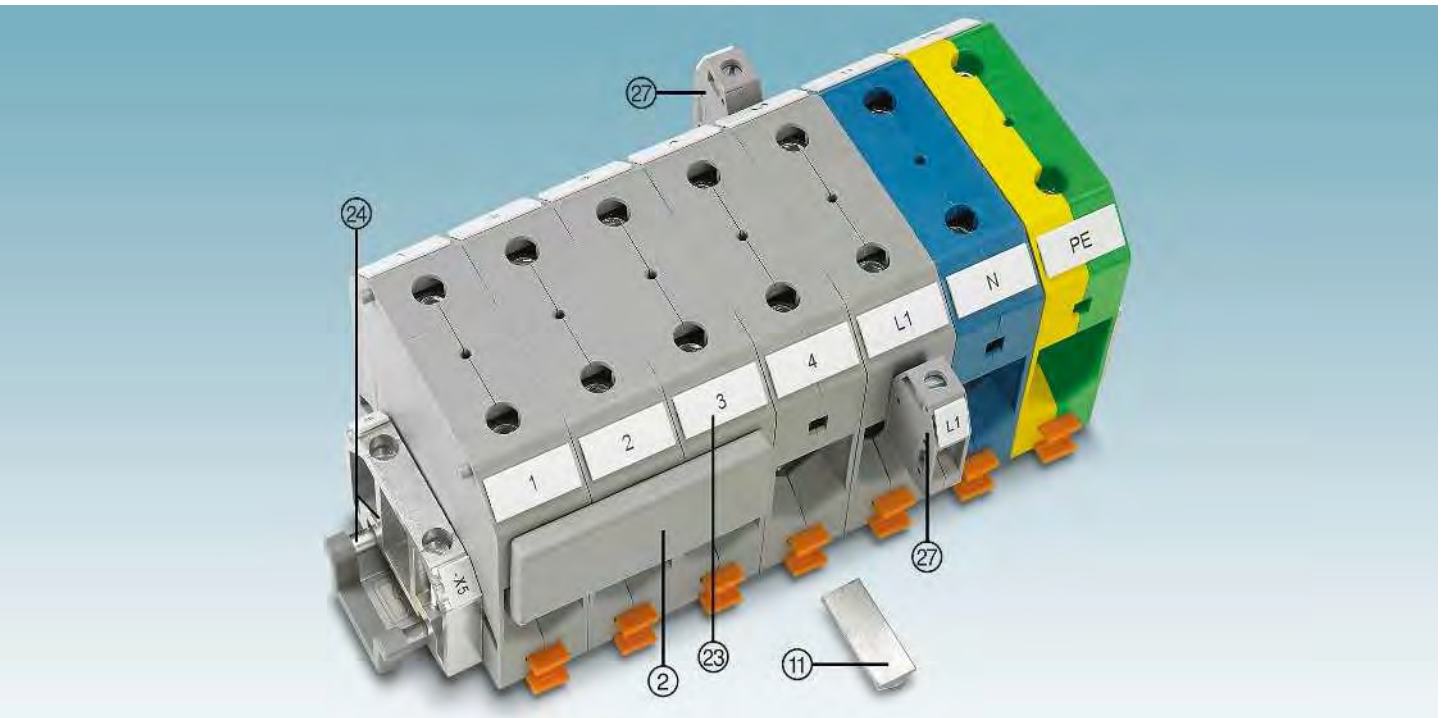
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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 nos., and Internet links, please visit phoenixcontact.net/products

¹⁾ The bridge current is listed alongside the respective product. For additional colors, see page 402.

System accessories



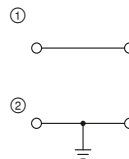
Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
② Insertion bridge ¹⁾	2	gray	EB 2-25/UKH	0201362	10			
	3	gray	EB 3-25/UKH	0201375	10			
⑪ Insertion profile for flat conductor connection, see page 682		silver	UKH 95 EP	3009231	10			
②⑦ Tap-off terminal block		gray	AGK 10-UKH 95	3003541	10			
Allen key			SF-THEX 6-200	1212642	5			
②④ Lateral groove labeling			UC-TM 10, UCT-TM 10 or ZB 10. See also Catalog 3, selection tables, from page 60.					
②④ DIN rail and end bracket			See Catalog 3					
For full accessories, visit phoenixcontact.net/products			Note: Additional or deviating accessories are listed alongside the respective product.					

High-current terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 194.

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



232 A, feed-through terminal block



Ex: EAC Ex IEC 60079-0
KEMA 98ATEX1786U / IECEx KEM 06.0029U

Technical data¹⁾

Dimensions	Width	Length	Height
	25	83	97.5 (NS 35/15) / 95 (NS 32)
Maximum electrical data	I _{max} [A]	U _{max} [V]	max. Ø [mm ²] AWG (UL)
	232	1000	25 - 95 2
Maximum bridge current	232		
Rated data	IEC	UL / CUL	CSA Ex
Rated voltage	1000	600	600 880
Nominal current / cross section	232 / 95	230 / -	200 / - 216 / 95

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	gray	UKH 95	① 3010013	3
	blue	UKH 95 BU	① 3010136	3
Terminal block, voltage 1500 V	gray	UKH 95 1500V	① 3247419	3
	blue	UKH 95 1500V BU	① 3247420	3
Ground terminal	green-yellow	USLKG 95	② 0441041	10

High-current terminal blocks
for direct mounting

Notes:

¹⁾ For additional accessories and technical data, see page 194.

232 A, feed-through terminal block
for direct mountingTechnical data¹⁾

Dimensions	Width	Length	Height
	25	118.8	90
Maximum electrical data	I _{max} [A]	U _{max} [V]	max. Ø [mm ²] AWG (UL)
	232	1000	25 - 95 2
Maximum bridge current	232		
Rated data	IEC	UL / CUL	CSA Ex
Rated voltage	1000	600	- -
Nominal current / cross section	232 / 95	230 / -	- / - - / -

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block, for direct mounting	gray	UKH 95-F	① 3247022	10

Terminal blocks – CLIPLINE complete

150 mm² UKH screw connection terminal blocks

General technical data

Rated data		IEC 60947-7-1			
Rated cross section	[mm²]	150			
Cross section range	AWG	2 - 300 kcmil			
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	35 - 150	50 - 150	50 - 150	50 - 150
2 conductors (of the same type)	[mm²]	25 - 50	35 - 50	25 - 50	-
2 flexible conductors with a TWIN ferrule	[mm²]	-	-	-	-
Max. cross section with insertion bridge	[mm²]	150	120	-	-
General data					
Stripping length	[mm]	40			
Screw thread		M10			
Tightening torque	[Nm]	25 - 30			
Insulating material		PA			
Flammability rating in accordance with UL 94		V0			

Note: Additional or deviating data is listed alongside the respective product.

Notes:



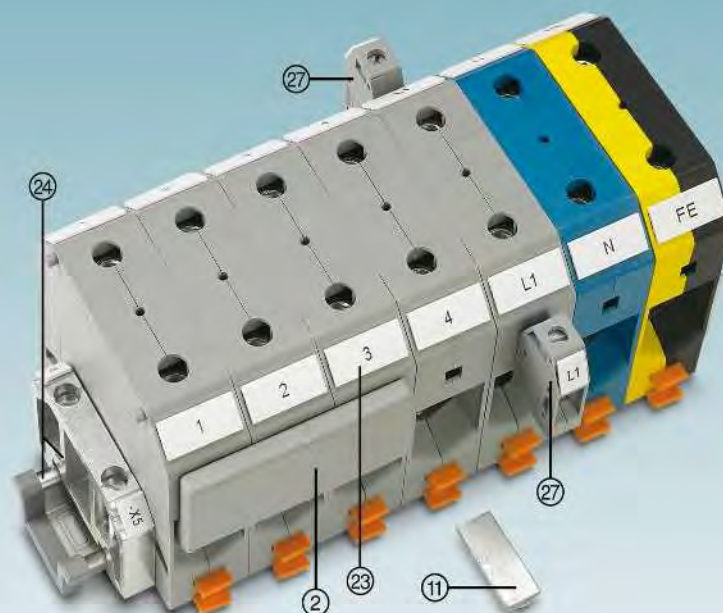
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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 nos., and Internet links, please visit phoenixcontact.net/products

¹⁾ The bridge current is listed alongside the respective product. For additional colors, see page 402.

System accessories



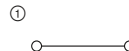
Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
② Insertion bridge ¹⁾	2	gray	EB 2-31/UKH	0201388	10			
	3	gray	EB 3-31/UKH	0201391	10			
		silver	UKH 150/240 EP	3009244	10			
⑪ Insertion profile for flat conductor connection, see page 682								
⑦ Tap-off terminal block		gray	AGK 10-UKH 150/240	3003554	10			
Allen key			SF-THEX 8-200	1212643	5			
② Lateral groove labeling			UC-TM 10, UCT-TM 10 or ZB 10. See also Catalog 3, selection tables, from page 60.					
② DIN rail and end bracket			See Catalog 3					
For full accessories, visit phoenixcontact.net/products			Note: Additional or deviating accessories are listed alongside the respective product.					

High-current terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 196.

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



309 A, feed-through terminal block



Ex: EAC Ex IEC Ex
KEMA 99ATEX8332 U / IECEX KEM 06.0030U

Technical data¹⁾

Dimensions	Width	Length	Height
	31	100	118.5 (NS 35/15) / 116 (NS 32)
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm²] AWG (UL)
	309	1000	35 - 150 2-300
Maximum bridge current	232		
Rated data	IEC	UL / CUL	CSA Ex
Rated voltage	1000	600	600 1100
Nominal current / cross section	309 / 150	285 / -	275 / - 256 / 150

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	gray	UKH 150	① 3010110	3
	blue	UKH 150 BU	① 3010123	3
Terminal block, voltage 1500 V	gray	UKH 150 1500V	① 3247433	3
	blue	UKH 150 1500V BU	① 3247434	3

High-current terminal blocks for direct mounting

Notes:

¹⁾ For additional accessories and technical data, see page 196.



309 A, feed-through terminal block for direct mounting



Technical data¹⁾

Dimensions	Width	Length	Height
	31	136.1	111
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm²] AWG (UL)
	309	1000	35 - 150 2-300
Maximum bridge current	232		
Rated data	IEC	UL / CUL	CSA Ex
Rated voltage	1000	600	- -
Nominal current / cross section	309 / 150	285 / -	- / - - / -

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block, for direct mounting	gray	UKH 150-F	① 3247035	10

Terminal blocks – CLIPLINE complete

240 mm² UKH screw connection terminal blocks

General technical data

Rated data		IEC 60947-7-1			
Rated cross section	[mm²]	240			
Cross section range	AWG	2/0 - 500 kcmil			
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	70 - 240	70 - 240	70 - 185	70 - 185
2 conductors (of the same type)	[mm²]	35 - 95	50 - 95	35 - 50	-
2 flexible conductors with a TWIN ferrule	[mm²]	-	-	-	-
Max. cross section with insertion bridge	[mm²]	240	185	-	-
General data					
Stripping length	[mm]	40			
Screw thread		M10			
Tightening torque	[Nm]	25 - 30			
Insulating material		PA			
Flammability rating in accordance with UL 94		V0			

Note: Additional or deviating data is listed alongside the respective product.

Notes:



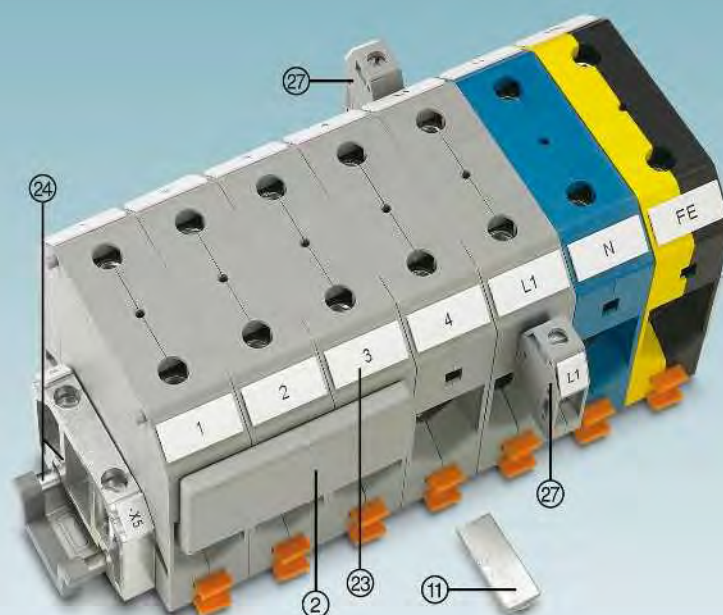
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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 nos., and Internet links, please visit phoenixcontact.net/products

¹⁾ The bridge current is listed alongside the respective product. For additional colors, see page 402.

System accessories



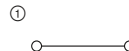
Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
② Insertion bridge ¹⁾	2	gray	EB 2-36/UKH	0201401	10			
	3	gray	EB 3-36/UKH	0201414	10			
		silver	UKH 150/240 EP	3009244	10			
⑪ Insertion profile for flat conductor connection, see page 682								
⑦ Tap-off terminal block		gray	AGK 10-UKH 150/240	3003554	10			
Allen key			SF-THEX 8-200	1212643	5			
② Lateral groove labeling			UC-TM 10, UCT-TM 10 or ZB 10. See also Catalog 3, selection tables, from page 60.					
② DIN rail and end bracket			See Catalog 3					
For full accessories, visit phoenixcontact.net/products			Note: Additional or deviating accessories are listed alongside the respective product.					

High-current terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 198.

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



415 A, feed-through terminal block



Ex: EAC Ex IEC KEMA 99ATEX8332 U / IECEX KEM 06.0030U

Technical data¹⁾

Dimensions	Width	Length	Height
	36	100	131.5 (NS 35/15) / 129 (NS 32)
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm²] AWG (UL)
	415	1000	70 - 240 500
Maximum bridge current	382		
Rated data	IEC	UL / CUL	CSA Ex
Rated voltage	1000	600	600 1100
Nominal current / cross section	415 / 240	380 / -	400 / - 350 / 240

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	gray	UKH 240	^① 3010217	3
	blue	UKH 240 BU	^① 0711852	3

High-current terminal blocks for direct mounting

Notes:

¹⁾ For additional accessories and technical data, see page 198.



415 A, feed-through terminal block for direct mounting

Technical data¹⁾

Dimensions	Width	Length	Height
	36	136.1	124
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm²] AWG (UL)
	415	1000	70 - 240 500
Maximum bridge current	382		
Rated data	IEC	UL / CUL	CSA Ex
Rated voltage	1000	600	- -
Nominal current / cross section	415 / 240	380 / -	- / - - / -

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block, for direct mounting	gray	UKH 240-F	^① 3247048	10