

# 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 mm<sup>2</sup> can also be wired gas-tight and with long-term stability thanks to the high contact forces.

**i** Your web code: #1397

## Product range overview

### 2.5 mm<sup>2</sup>

Feed-through, multi-conductor, multi-level, and ground terminal blocks	149
Disconnect and knife disconnect terminal blocks	151
Diode and LED terminal blocks	153
Installation terminal blocks	154
Mini feed-through and ground terminal blocks	157

### 4 mm<sup>2</sup>

Feed-through, multi-conductor, multi-level, and ground terminal blocks	159
Fuse terminal blocks and lever-type disconnect terminal blocks of the same shape	161
Disconnect and knife disconnect terminal blocks	163
Diode terminal blocks	168
Test disconnect terminal blocks	169
Installation terminal blocks	170
Mini feed-through and ground terminal blocks	171

### 6 mm<sup>2</sup>

Feed-through, multi-level and ground terminal blocks	173
Fuse terminal blocks	173
Disconnect and knife disconnect terminal blocks	174
Test disconnect terminal blocks	176
Installation terminal blocks	178

### 10 mm<sup>2</sup>

Feed-through and ground terminal blocks	183
Installation terminal blocks	183

### 16 mm<sup>2</sup>

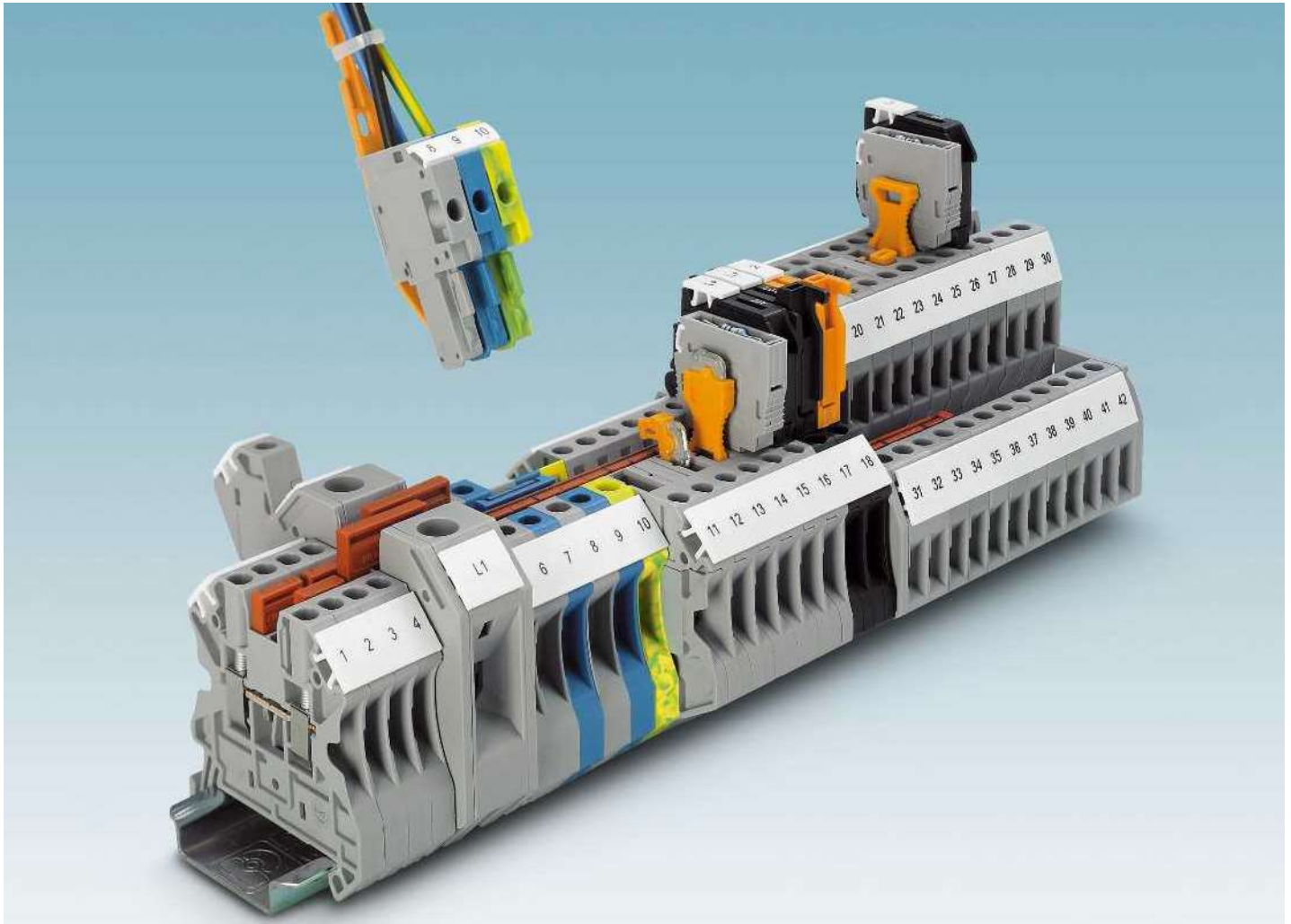
Feed-through and ground terminal blocks	185
Installation terminal blocks	185

### 35 mm<sup>2</sup>

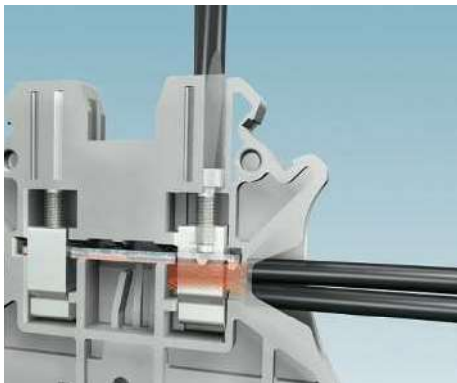
Feed-through and ground terminal blocks	187
Installation terminal blocks	187

### 50 mm<sup>2</sup> - 240 mm<sup>2</sup>

High-current terminal blocks	189
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**i** Your web code: #1397



### Universal and zero-maintenance

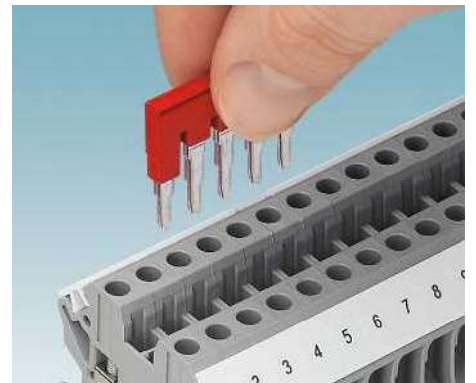
The screw connection is characterized by three main features.

- 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.

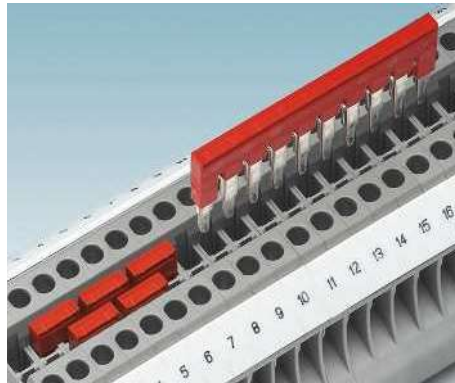


### Flexible plug-in bridge system

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.



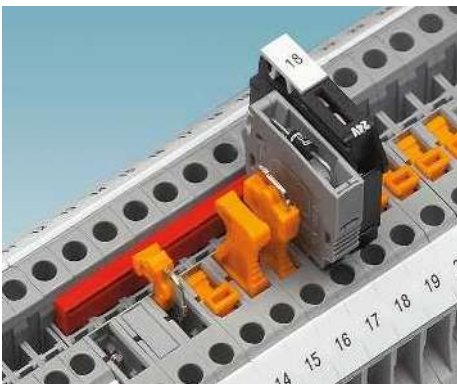
The reducing bridge enables terminal blocks with different nominal cross sections to be connected easily, e.g., a UT 10 terminal block to a UT 2,5. Power blocks can be created quickly using the reducing bridge.



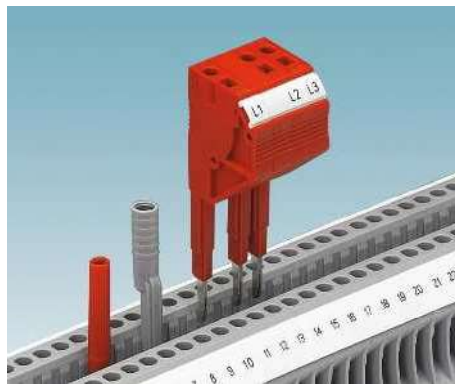
The double function shaft can be used to connect any number of terminal blocks with two-position bridges. The 2- to 50-pos. bridges allow up to 50 terminal blocks to be bridged in one step.



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.



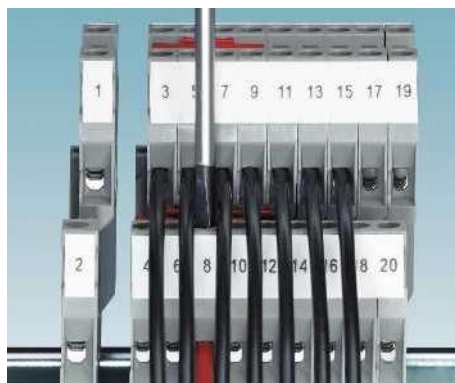
For measuring lines, a test plug with 2.3 mm diameter is available. All measurement and testing tasks can be carried out quickly using test adapters for 4 mm diameter test plugs and the alignable test plugs.



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.

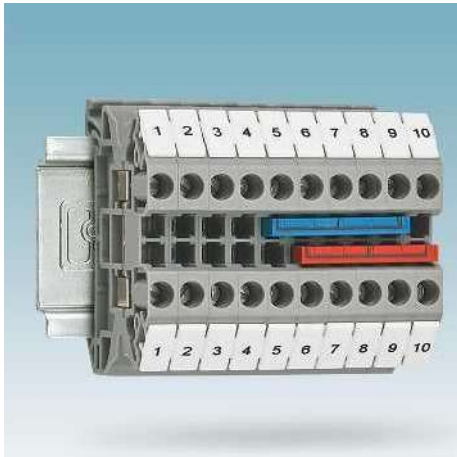


UT-COMBI terminal blocks are available for creating plug-in signal and power wiring. The system has a touch-proof design and offers plugs for self-assembly with extensive accessories. See “COMBI” section, page 267

# 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 mm<sup>2</sup> UT screw connection terminal blocks

### General technical data

Rated data		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm <sup>2</sup> ]	2.5			
Cross section range	AWG	26 - 12			
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	[mm <sup>2</sup> ]	0.14 - 4	0.14 - 4	0.14 - 2.5	0.14 - 2.5
2 conductors (of the same type)	[mm <sup>2</sup> ]	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5	-
2 flexible conductors with a TWIN ferrule	[mm <sup>2</sup> ]	-	-	-	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:



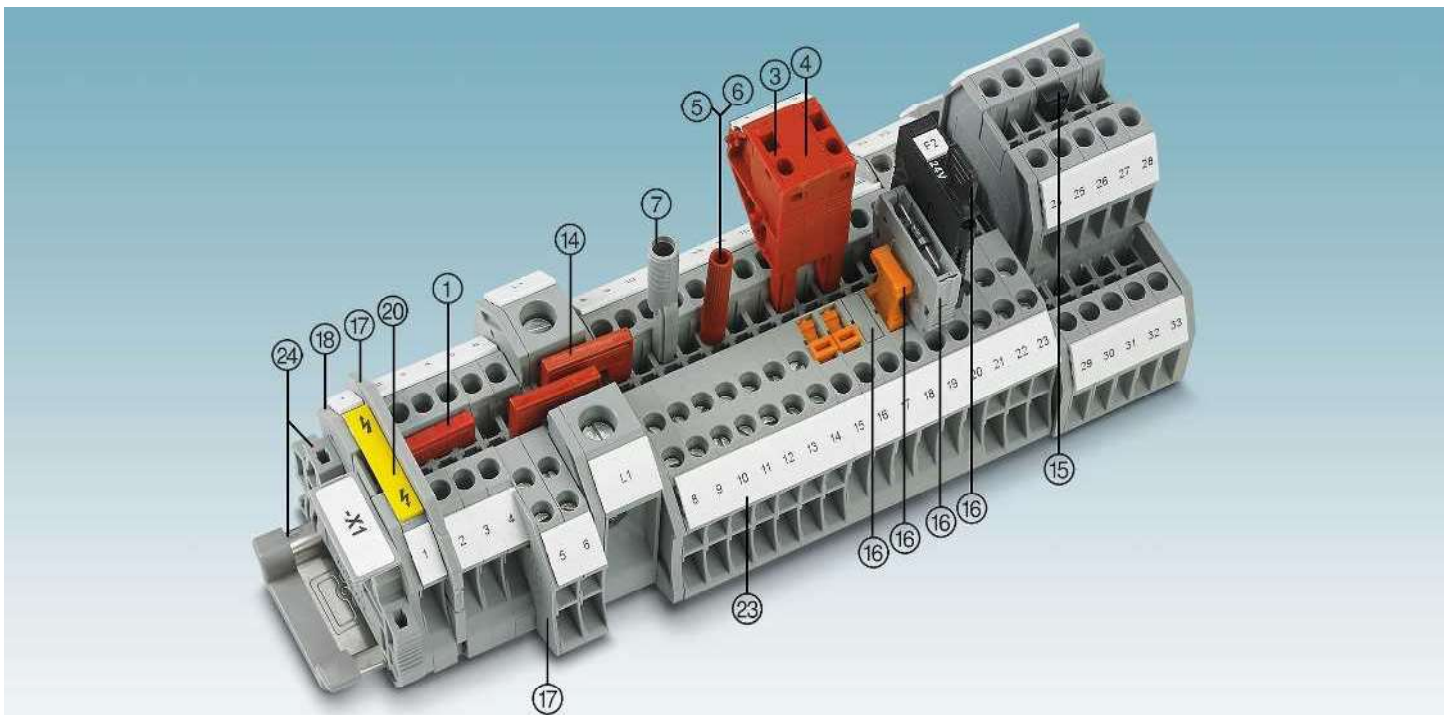
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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

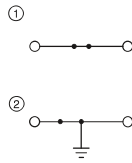


Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① Bridge <sup>1)</sup>	2	red	FBS 2-5	3030161	50	FBSR 2-5	3033702	50
	3	red	FBS 3-5	3030174	50	FBSR 3-5	3001591	50
	4	red	FBS 4-5	3030187	50	FBSR 4-5	3001592	50
	5	red	FBS 5-5	3030190	50	FBSR 5-5	3001593	50
	10	red	FBS 10-5	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.
⑳ Warning labels	For WS ..., see page 420.
㉑ Lateral groove labeling	UC-TM 5, UCT-TM 5 or ZB 5. 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, 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**

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

**Technical data<sup>1)</sup>**

<b>Dimensions</b>	[mm]
Width	5.2
Length	47.7
Height	47.5 (NS 35/7,5)
<b>Maximum electrical data</b>	
$I_{max}$ [A]	32
$U_{max}$ [V]	1000
max. Ø [mm <sup>2</sup> ]	0.14 - 4
AWG (UL)	26-12
Maximum bridge current	24 (FBS) / 17.5 (FBBSR) [A]
<b>Rated data</b>	
Rated voltage	1000 [V]
IEC	UL / CUL
CSA	Ex
Nominal current / cross section	24 / 2.5 [A] / [mm <sup>2</sup> ]

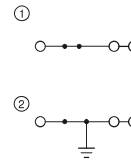
**Ordering data**

Description	Color
<b>Terminal block</b>	gray
	blue
<b>Ground terminal</b>	green-yellow
<b>Cover, width: 2.2 mm</b>	gray

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

**Accessories<sup>1)</sup>**

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

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

**Technical data<sup>1)</sup>**

<b>Dimensions</b>	[mm]
Width	5.2
Length	57.8
Height	47.5 (NS 35/7,5)
<b>Maximum electrical data</b>	
$I_{max}$ [A]	30
$U_{max}$ [V]	500
max. Ø [mm <sup>2</sup> ]	0.14 - 4
AWG (UL)	26-12
Maximum bridge current	24 (FBS) / 17.5 (FBBSR) [A]
<b>Rated data</b>	
Rated voltage	500 [V]
IEC	UL / CUL
CSA	Ex
Nominal current / cross section	24 / 2.5 [A] / [mm <sup>2</sup> ]

**Ordering data**

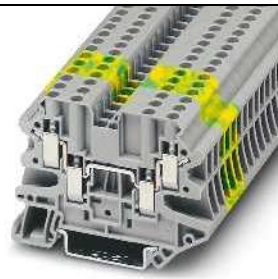
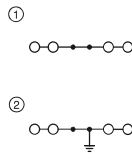
Type	Order No.	Pcs./Pkt.
UT 2,5-TWIN	① 3044513	50
UT 2,5-TWIN BU	① 3044526	50
UT 2,5-TWIN-PE	② 3044539	50

**Accessories<sup>1)</sup>**

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**

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

**Technical data<sup>1)</sup>**

<b>Dimensions</b>	[mm]
Width	5.2
Length	65.4
Height	47.5 (NS 35/7,5)
<b>Maximum electrical data</b>	
$I_{max}$ [A]	30
$U_{max}$ [V]	500
max. Ø [mm <sup>2</sup> ]	0.14 - 4
AWG (UL)	26-12
Maximum bridge current	24 (FBS) / 17.5 (FBBSR) [A]
<b>Rated data</b>	
Rated voltage	500 [V]
IEC	UL / CUL
CSA	Ex
Nominal current / cross section	24 / 2.5 [A] / [mm <sup>2</sup> ]

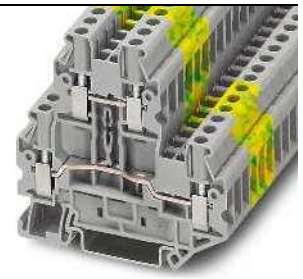
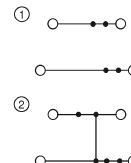
**Ordering data**

Description	Color
<b>Terminal block</b>	gray
	blue
With potential distribution	gray
<b>Ground terminal</b>	green-yellow
<b>Cover, width: 2.2 mm</b>	gray
<b>Spacer plate</b>	gray

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

**Accessories<sup>1)</sup>**

D-UT 2,5/4-QUATTRO	3047170	50
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**28 A, double-level terminal block and ground terminal**

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

**Technical data<sup>1)</sup>**

<b>Dimensions</b>	[mm]
Width	5.2
Length	69.9
Height	65 (NS 35/7,5)
<b>Maximum electrical data</b>	
$I_{max}$ [A]	28
$U_{max}$ [V]	500
max. Ø [mm <sup>2</sup> ]	0.14 - 4
AWG (UL)	26-12
Maximum bridge current	24 (FBS) / 17.5 (FBBSR) [A]
<b>Rated data</b>	
Rated voltage	500 [V]
IEC	UL / CUL
CSA	Ex
Nominal current / cross section	24 / 2.5 [A] / [mm <sup>2</sup> ]

**Ordering data**

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

**Accessories<sup>1)</sup>**

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

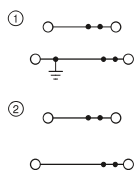
# Terminal blocks – CLIPLINE complete

## 2.5 mm<sup>2</sup> 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



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

#### Technical data<sup>1)</sup>

Maximum electrical data	
$I_{max}$ [A]	28
$U_{max}$ [V]	500
max. $\varnothing$ [mm <sup>2</sup> ]	0.14 - 4
AWG (UL)	26-12

Maximum bridge current	24 (FBS) / 17.5 (FBSR)
Rated data	
Rated voltage	IEC 500, UL / CUL 600, CSA 600, Ex -
Nominal current / cross section	24 / 2.5, 20 / -

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

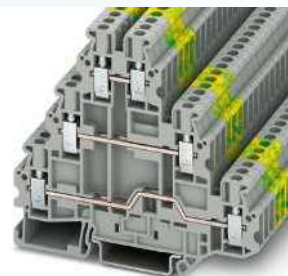
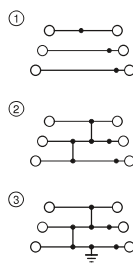
Type	UTTB 2,5-PE/N
Order No.	3046731
Pcs./Pkt.	50
Type	UTTB 2,5-L/N
Order No.	3044681
Pcs./Pkt.	50

#### Accessories<sup>1)</sup>

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

Cover, width: 2.2 mm	gray
Spacer plate	gray

Description	Color
Terminal block	gray
upper level blue	blue
upper level blue with potential distribution	gray
Ground terminal	green-yellow



24 A, three-level terminal block and ground terminal



Dimensions	[mm]
Width	5.2
Length	90
Height	77.5 (NS 35/7,5)

#### Technical data<sup>1)</sup>

Maximum electrical data	
$I_{max}$ [A]	24
$U_{max}$ [V]	500
max. $\varnothing$ [mm <sup>2</sup> ]	0.14 - 4
AWG (UL)	26-12

Maximum bridge current	19 (FBS) / 17.5 (FBSR)
Rated data	
Rated voltage	IEC 500, UL / CUL 600, CSA 600, Ex -
Nominal current / cross section	19 / 2.5, 20 / -

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

#### Accessories<sup>1)</sup>

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

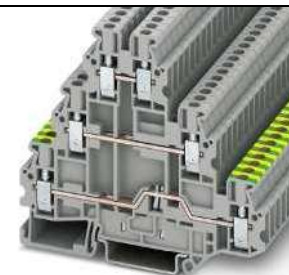
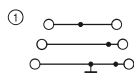
Cover, width: 2.2 mm	gray
Spacer plate	gray

Description	Color
Terminal block	gray
upper level blue	blue
upper level blue with potential distribution	gray
Ground terminal	green-yellow

### Multi-level terminal blocks

#### Notes:

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



24 A, three-level terminal block with PE foot



Dimensions	[mm]
Width	5.2
Length	90
Height	77.5 (NS 35/7,5)

#### Technical data<sup>1)</sup>

Maximum electrical data	
$I_{max}$ [A]	24
$U_{max}$ [V]	500
max. $\varnothing$ [mm <sup>2</sup> ]	0.14 - 4
AWG (UL)	26-12

Maximum bridge current	19 (FBS) / 17.5 (FBSR)
Rated data	
Rated voltage	IEC 500, UL / CUL 600, CSA 600, Ex -
Nominal current / cross section	19 / 2.5, 20 / -

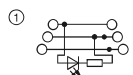
Ordering data	
Type	UT 2,5-PE/L/L
Order No.	3214301
Pcs./Pkt.	50
Type	UT 2,5-PE/L/N
Order No.	3214291
Pcs./Pkt.	50

#### Accessories<sup>1)</sup>

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

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



24 A, three-level terminal block with LED display



Dimensions	[mm]
Width	5.2
Length	90
Height	77.5 (NS 35/7,5)

#### Technical data<sup>1)</sup>

Maximum electrical data	
$I_{max}$ [A]	24
$U_{max}$ [V]	500
max. $\varnothing$ [mm <sup>2</sup> ]	0.14 - 4
AWG (UL)	26-12

Maximum bridge current	19 (FBS) / 17.5 (FBSR)
Rated data	
Rated voltage	IEC 500, UL / CUL 600, CSA 24, Ex -
Nominal current / cross section	19 / 2.5, 20 / -

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

#### Accessories<sup>1)</sup>

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

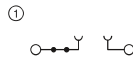
Cover, width: 2.2 mm	gray
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Description	Color
Terminal block	gray
upper level blue	blue
Terminal block, with LED for 12 - 30 V DC, 0.7 - 2.4 mA	gray



### 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 data<sup>1)</sup>

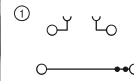
Dimensions	Width	Length	Height
[mm]	5.2	57.8	47.5 (NS 35/7,5)
Maximum electrical data	$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ] AWG (UL)
	20 <sup>2)</sup>	400 <sup>2)</sup>	0.14 - 4 26-12
Maximum bridge current	20 (FBS) / 17.5 (FBSR)		
Rated data	IEC	UL / CUL	CSA Ex
Rated voltage	400 <sup>2)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

#### Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Disconnect terminal block	gray	UT 2,5-TG	① 3046388	50
	blue	UT 2,5-TG BU	① 3046579	50
With test socket screws	gray	UT 2,5-TG-P/P	① 3046391	50
	blue	UT 2,5-TG-P/P BU	① 3046582	50

#### Accessories<sup>1)</sup>

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 zone



#### Technical data<sup>1)</sup>

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 <sup>2</sup> ] AWG (UL)
	24	400	0.14 - 4 26-12
Maximum bridge current	22 (FBS) / 17.5 (FBSR)		
Rated data	IEC	UL / CUL	CSA Ex
Rated voltage	400	300	300 -
Nominal current / cross section	[A] / [mm <sup>2</sup> ]	22 / 2.5	16 / - - / -
Nominal current / cross section	[A] / [mm <sup>2</sup> ]	16 <sup>2)</sup> / 2.5 (disconnect level)	-

#### Ordering data

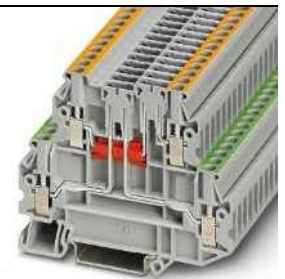
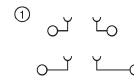
Description	Color	Type	Order No.	Pcs./Pkt.
Double-level terminal block with disconnect zone	gray	UTT 2,5-TG-P/P	① 3044644	50

#### Accessories<sup>1)</sup>

Cover, width: 2.2 mm	gray	D-UTT 2,5/4	3047293	50
Spacer plate	gray	DP-UTT 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 data<sup>1)</sup>

Dimensions	Width	Length	Height
[mm]	5.2	80.1	58.1 (NS 35/7,5)
Maximum electrical data	$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ] AWG (UL)
	16	400	0.14 - 4 26-12
Rated data	IEC	UL / CUL	CSA Ex
Rated voltage	400	300	300 -
Nominal current / cross section	[A] / [mm <sup>2</sup> ]	16 / 2.5	16 / - - / -

#### Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	gray	UTT 2,5-2TG-P/P	① 3044674	50

#### Accessories<sup>1)</sup>

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

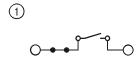
# Terminal blocks – CLIPLINE complete

## 2.5 mm<sup>2</sup> UT screw connection terminal blocks

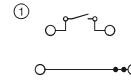
### Knife disconnect terminal blocks

#### Notes:

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



20 A, knife disconnect terminal block



24 A, double-level terminal block with disconnect knife



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

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

Technical data <sup>1)</sup>				
Width	Length	Height		
5.2	69.9	65 (NS 35/7,5)		
I <sub>max</sub> [A]	U <sub>max</sub> [V]	max. Ø [mm <sup>2</sup> ]	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 / 2.5 (disconnect level)				

Ordering data	
Description	Color
<b>Knife disconnect terminal block</b>	gray
	blue
With test socket screws	gray
	blue
<b>Cover, width: 2.2 mm</b>	gray
<b>Spacer plate</b>	gray

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

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

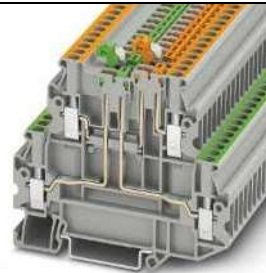
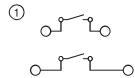
Accessories <sup>1)</sup>		
Type	Order No.	Pcs./Pkt.
D-UT 2,5/4-TWIN	3047141	50

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

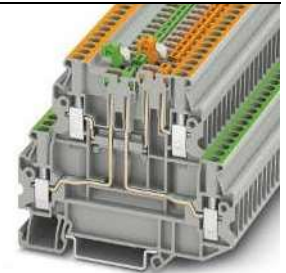
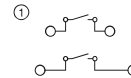
### Knife disconnect terminal blocks

#### Notes:

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



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



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



<b>Dimensions</b>	[mm]
<b>Maximum electrical data</b>	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm <sup>2</sup> ]

Technical data <sup>1)</sup>				
Width	Length	Height		
5.2	80.1	65 (NS 35/7,5)		
I <sub>max</sub> [A]	U <sub>max</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
16	400	0.14 - 4	-	
IEC	UL / CUL	CSA	Ex	
400	-	-	-	
16 / 2.5	- / -	- / -	- / -	

Technical data <sup>1)</sup>				
Width	Length	Height		
5.2	80.1	65 (NS 35/7,5)		
I <sub>max</sub> [A]	U <sub>max</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
16	400	0.14 - 4	26-12	
IEC	UL / CUL	CSA	Ex	
400	300	300	-	
16 / 2.5	16 / -	16 / -	- / -	

Ordering data	
Description	Color
<b>Knife disconnect terminal block</b>	gray
	blue
With test socket screws	gray
	blue

Type	Order No.	Pcs./Pkt.
UTT 2,5-2MT	3044679	50
UTT 2,5-2MT BU	3044680	50

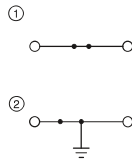
Ordering data		
Type	Order No.	Pcs./Pkt.
UTT 2,5-2MT-P/P	3044670	50
UTT 2,5-2MT-P/P BU	3044671	50

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

Accessories <sup>1)</sup>		
Type	Order No.	Pcs./Pkt.
D-UTT 2,5/4	3044676	50
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 <sup>1)</sup>				
Width	Length	Height		
5.2	57.8	47.5 (NS 35/7,5)		
$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
32	800	0.14 - 4	26-12	
24 (FBS) / 17.5 (FBSSR)				
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	800	600	600	-
Nominal current / cross section [A] / [mm <sup>2</sup> ]	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 <sup>1)</sup>		
D-UT 2,5/4-TWIN	Order No.	Pcs./Pkt.
D-UT 2,5/4-TWIN	3047141	50

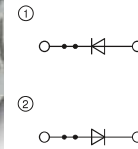
Dimensions	[mm]
Maximum electrical data	
Maximum bridge current [A]	24 (FBS) / 17.5 (FBSSR)
Rated data	
Rated voltage [V]	800
Nominal current / cross section [A] / [mm <sup>2</sup> ]	24 / 2.5

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

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



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



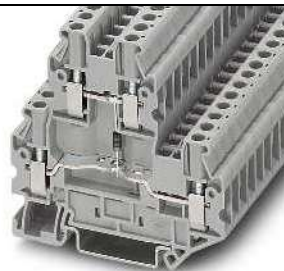
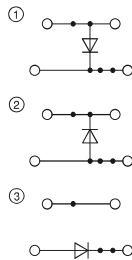
Technical data <sup>1)</sup>				
Width	Length	Height		
5.2	57.8	47.5 (NS 35/7,5)		
$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
0.5	800	0.14 - 4	26-12	
0.5 (FBS) / 0.5 (FBSSR)				
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	800	600	600	-
Nominal current / cross section [A] / [mm <sup>2</sup> ]	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 <sup>1)</sup>		
D-UT 2,5/4-TWIN	Order No.	Pcs./Pkt.
D-UT 2,5/4-TWIN	3047141	50

### Diode and LED terminal blocks

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



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



Technical data <sup>1)</sup>				
Width	Length	Height		
5.2	69.9	65 (NS 35/7,5)		
$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
28	500	0.14 - 4	26-12	
24 (FBS) / 17.5 (FBSSR)				
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	500	600	300	-
Nominal current / cross section [A] / [mm <sup>2</sup> ]	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 <sup>1)</sup>		
D-UTTB 2,5/4	Order No.	Pcs./Pkt.
D-UTTB 2,5/4	3047293	50
DP-UTTB 2,5/4	3047303	50

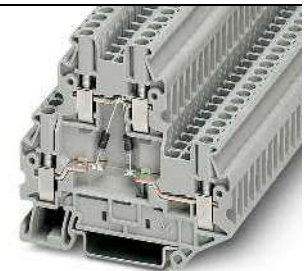
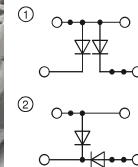
Dimensions	[mm]
Maximum electrical data	
Maximum bridge current [A]	24 (FBS) / 17.5 (FBSSR)
Rated data	
Rated voltage [V]	500
Nominal current / cross section [A] / [mm <sup>2</sup> ]	24 / 2.5

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

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



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



Technical data <sup>1)</sup>				
Width	Length	Height		
5.2	69.9	65 (NS 35/7,5)		
$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
28	500	0.14 - 4	26-12	
24 (FBS) / 17.5 (FBSSR)				
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	500	600	300	-
Nominal current / cross section [A] / [mm <sup>2</sup> ]	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 <sup>1)</sup>		
D-UTTB 2,5/4	Order No.	Pcs./Pkt.
D-UTTB 2,5/4	3047293	50
DP-UTTB 2,5/4	3047303	50

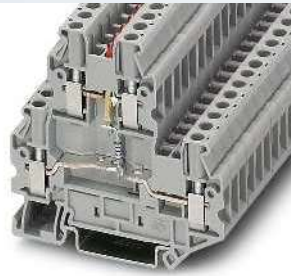
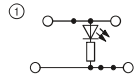
# Terminal blocks – CLIPLINE complete

## 2.5 mm<sup>2</sup> 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



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

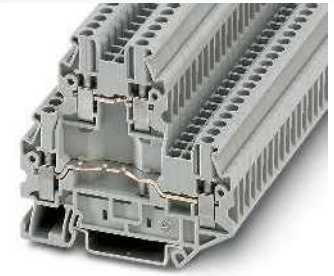
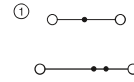
Description	Color
<b>Terminal block</b> , with LED for 12 - 30 V DC, 0.7 - 2.4 mA	gray
for 30 - 60 V DC, 0.8 - 1.8 mA	gray
for 110 - 250 V AC/DC, 0.1 - 0.5 mA	gray
<b>Terminal block</b> , component can be soldered in	gray

<b>Cover</b> , width: 2.2 mm	gray
<b>Spacer plate</b>	gray

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

Ordering data			
Type	Order No.	Pcs./Pkt.	
UTTB 2,5-LA 24 RD	① 3046692	50	
UTTB 2,5-LA 60 RD	① 3046702	50	
UTTB 2,5-LA 230	① 3046715	50	

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



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



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

Ordering data		
Type	Order No.	Pcs./Pkt.
UTTB 2,5-BE	① 3046744	50

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

### Installation terminal blocks

#### Notes:

- 1) For additional accessories and technical data, see page 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



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

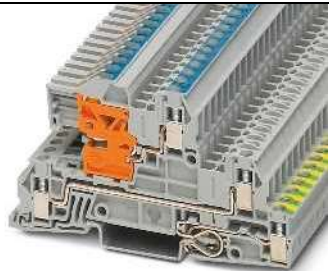
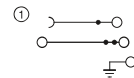
Description	Color
<b>Terminal block</b>	blue gray

<b>Cover</b> , width: 2.2 mm	blue
------------------------------	------

Technical data <sup>1)</sup>				
Width	Length	Height		
5.2	55	47.5 (NS 35/7,5)		
I <sub>max</sub> [A]	U <sub>max</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
24	250	0.14 - 4	-	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
250	-	-	-	
24 / 2.5	- / -	- / -	- / -	
26 - 12				
Rigid	Flexible	Ferrule without/with plastic sleeve		
0.14 - 4	0.14 - 4	0.25 - 2.5	0.25 - 2.5	
0.14 - 1.5	0.14 - 1.5	0.25 - 1.5	-	

Ordering data			
Type	Order No.	Pcs./Pkt.	
UTN 2,5	① 3245011	50	

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



4 (4) mm<sup>2</sup>, 30 A, three-level terminal block, 1 x L phase conductor, 1 x N conductor can be disconnected, 1 x PE



Technical data <sup>1)</sup>				
Width	Length	Height		
5.2	93.5	51.5 (NS 35/7,5)		
I <sub>max</sub> [A]	U <sub>max</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
30 <sup>2)</sup>	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	-	

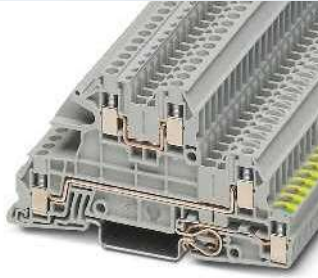
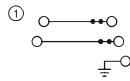
Ordering data			
Type	Order No.	Pcs./Pkt.	
UTI 2,5-PE/L/NT	① 3076028	50	

Accessories <sup>1)</sup>		
	Order No.	Pcs./Pkt.
D-UTI/3	3076036	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.



4 (4) mm<sup>2</sup>, 30 A, three-level terminal block,  
2 x L phase conductor, 1 x PE



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

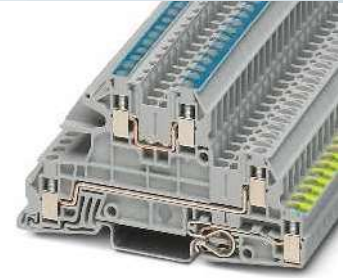
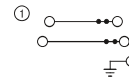
Ordering data			
Type	Order No.	Pcs./Pkt.	
UTI 2,5-PE/L/L	3076029	50	

Accessories <sup>1)</sup>			
D-UTI/3	3076036	50	

Dimensions		[mm]
Maximum electrical data		
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)
Rated data		
Rated voltage	[V]	400
Nominal current / cross section	[A] / [mm <sup>2</sup> ]	24 / 4
Rated cross section	[mm <sup>2</sup> ]	4
Cross section range	AWG	24 - 12
Connection capacity		
1 conductor	[mm <sup>2</sup> ]	0.2 - 4
2 conductors (of the same type)	[mm <sup>2</sup> ]	0.2 - 1.5

Description	Color
Terminal block	gray

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



4 (4) mm<sup>2</sup>, 30 A, three-level terminal block,  
1 x L phase conductor, 1 x N conductor, 1 x PE



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

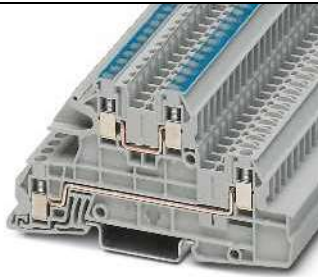
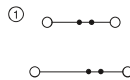
Ordering data			
Type	Order No.	Pcs./Pkt.	
UTI 2,5-PE/L/N	3076030	50	

Accessories <sup>1)</sup>			
D-UTI/3	3076036	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.



4 (4) mm<sup>2</sup>, 30 A, three-level terminal block,  
1 x L phase conductor, 1 x N conductor



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

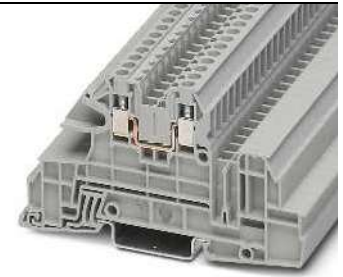
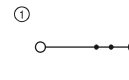
Ordering data			
Type	Order No.	Pcs./Pkt.	
UTI 2,5-L/N	3076035	50	
UTI 2,5-L/L	3076031	50	

Accessories <sup>1)</sup>			
D-UTI/3	3076036	50	

Dimensions		[mm]
Maximum electrical data		
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)
Rated data		
Rated voltage	[V]	400
Nominal current / cross section	[A] / [mm <sup>2</sup> ]	24 / 4
Rated cross section	[mm <sup>2</sup> ]	4
Cross section range	AWG	24 - 12
Connection capacity		
1 conductor	[mm <sup>2</sup> ]	0.2 - 4
2 conductors (of the same type)	[mm <sup>2</sup> ]	0.2 - 1.5

Description	Color
Terminal block, upper level blue	gray
Terminal block	gray

Cover, width: 2.2 mm	gray
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4 (4) mm<sup>2</sup>, 30 A, three-level terminal block,  
1 x L phase conductor



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

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

Accessories <sup>1)</sup>			
D-UTI/3	3076036	50	

# Terminal blocks – CLIPLINE complete

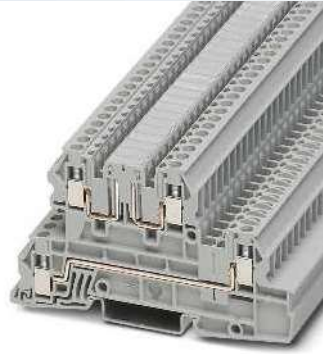
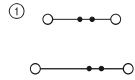
## 2.5 mm<sup>2</sup> UT screw connection terminal blocks

### Installation terminal blocks

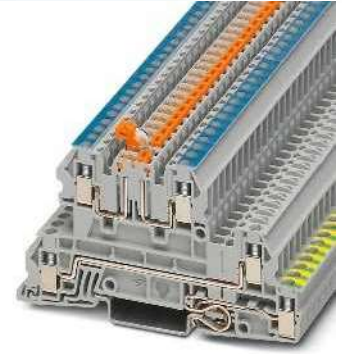
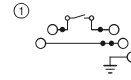
#### Notes:

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

2) 3-pos. termination block.



4 (4) mm<sup>2</sup>, 30 A, three-level terminal block,  
2 x L phase conductor



4 (4) mm<sup>2</sup>, 24 A, three-level terminal block,  
1 x L phase conductor, 1 x N conductor  
can be disconnected, 1 x PE



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

Technical data <sup>1)</sup>				
Width	Length	Height		
5.2	93.5	51.5 (NS 35/7,5)		
$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
30 <sup>2)</sup>	400	0.2 - 4	26-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
400	300	300	-	
24 / 4	20 / -	20 / -	- / -	
4				
24 - 12	-	-	-	
16 / 1.5 (disconnect level)				
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	-	

Technical data <sup>1)</sup>				
Width	Length	Height		
5.2	93.5	51.5 (NS 35/7,5)		
$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
24 <sup>2)</sup>	400	0.2 - 4	26-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
400	300	300	-	
21 / 4	20 / -	- / -	- / -	
4				
24 - 12	-	-	-	
16 / 4 (disconnect level)				
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	-	

Description	Color
Terminal block	gray
Cover, width: 2.2 mm	gray

Ordering data			
Type	Order No.	Pcs./Pkt.	
UTI 2,5-L/LB	3076033	50	
Accessories <sup>1)</sup>			
D-UTI/3	3076036	50	

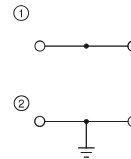
Ordering data			
Type	Order No.	Pcs./Pkt.	
UTI 2,5-PE/L/NTB	3076032	50	
Accessories <sup>1)</sup>			
D-UTI/3	3076036	50	

### Mini feed-through and ground terminal blocks

**Notes:**

<sup>1)</sup> 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 SEV13ATEX0178U / IECEx SEV13.0012U

**Technical data<sup>1)</sup>**

Dimensions	Width	Length	Height	
	5.2	29.9	34 (NS 15)	
Maximum electrical data	I <sub>max.</sub> [A]	U <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)
	32	500	0.2 - 4	24-12
Maximum bridge current	21 (FBS) / 17.5 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	500	300	600	352
Nominal current / cross section	24 / 2.5	20 / -	20 / -	20.5 / 4
Cross section range	24 - 12	-	-	-
Connection capacity	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 - 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

**Accessories<sup>1)</sup>**

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

## 4 mm<sup>2</sup> 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 <sup>2</sup> ]	4			
Cross section range	AWG	26 - 10			
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	[mm <sup>2</sup> ]	0.14 - 6	0.14 - 6	0.14 - 4	0.14 - 4
2 conductors (of the same type)	[mm <sup>2</sup> ]	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5	-
2 flexible conductors with a TWIN ferrule	[mm <sup>2</sup> ]	-	-	-	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:



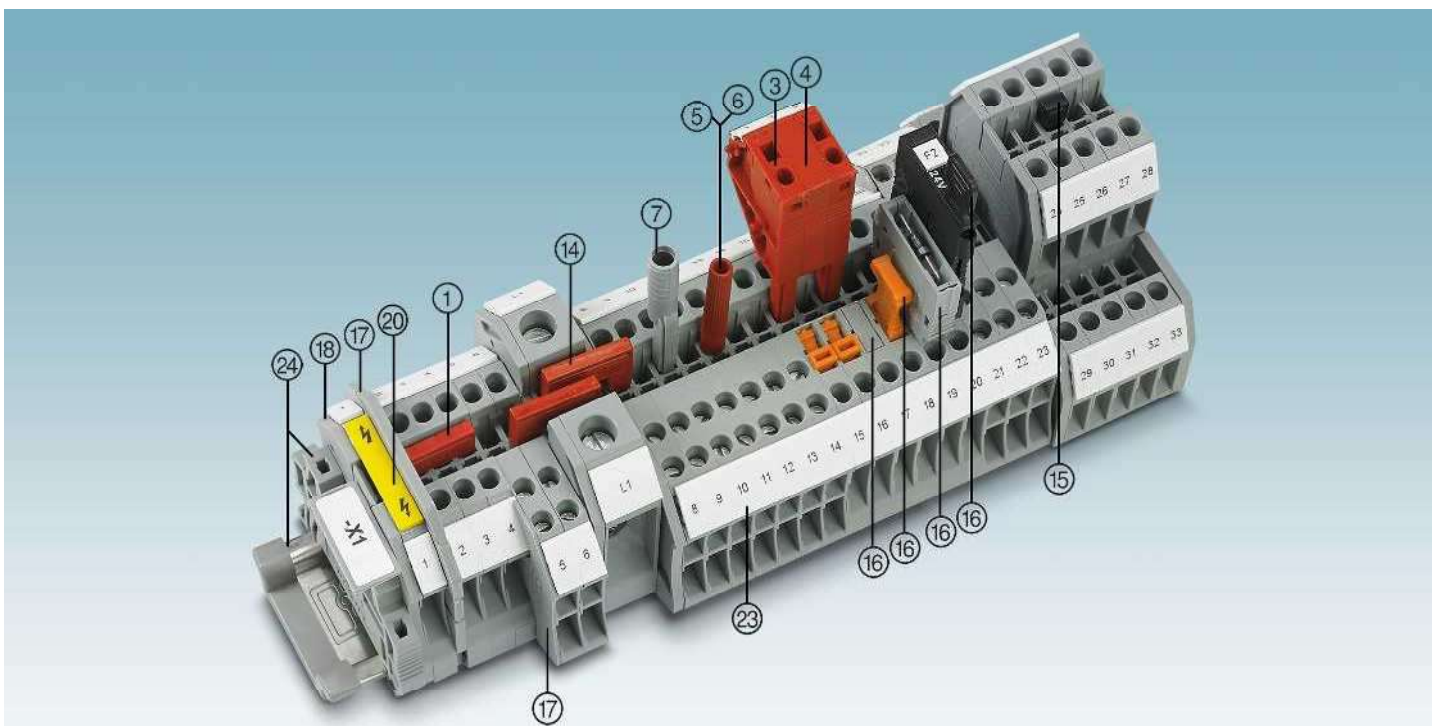
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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



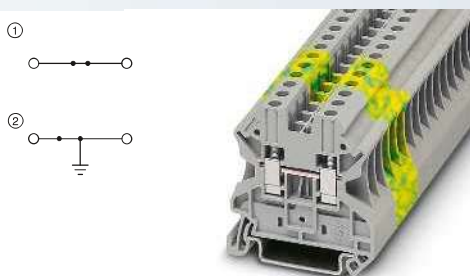
Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① Bridge <sup>1)</sup>	2	red	FBS 2-6	3030336	50	FBSR 2-6	3033715	50
	3	red	FBS 3-6	3030242	50	FBSR 3-6	3001594	50
	4	red	FBS 4-6	3030255	50	FBSR 4-6	3001595	50
	5	red	FBS 5-6	3030349	50	FBSR 5-6	3001596	50
	10	red	FBS 10-6	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	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.
⑳ Warning labels	For WS ..., see page 420.
㉑ Lateral groove labeling	UC-TM 6, UCT-TM 6 or ZB 6. 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, 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**

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

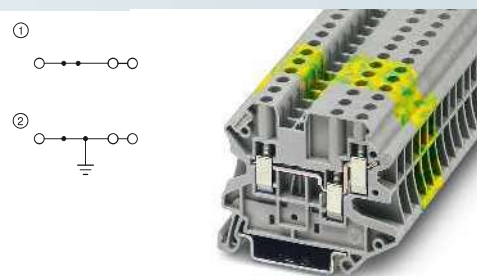
Technical data <sup>1)</sup>				
Width	Length	Height		
6.2	47.7	47.5 (NS 35/7,5)		
I <sub>max.</sub> [A]	U <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
41	1000	0.14 - 6	26-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
1000	600	600	690	
32 / 4				
30 / -				

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

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

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

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



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

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

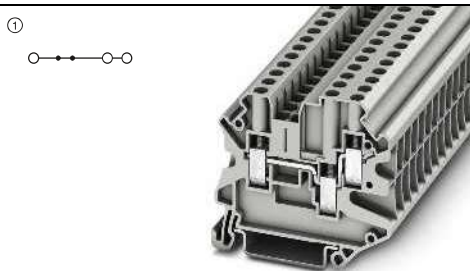
Technical data <sup>1)</sup>				
Width	Length	Height		
6.2	57.8	47.5 (NS 35/7,5)		
I <sub>max.</sub> [A]	U <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
41	500	0.14 - 6	26-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	150	150	352	
32 / 4				
30 / -				

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

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



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

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

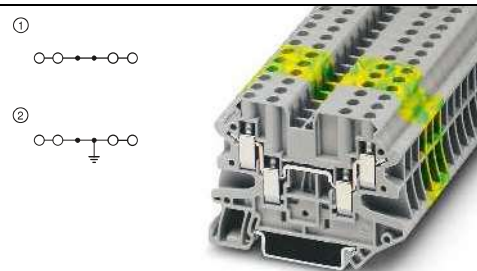
Technical data <sup>1)</sup>				
Width	Length	Height		
6.2	57.8	50 (NS 35/7,5)		
I <sub>max.</sub> [A]	U <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
39	1000	0.14 - 6	26-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
1000	600	600	550	
32 / 4				
30 / -				

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

Accessories <sup>1)</sup>		
D-UT 4-TWIN HV	Order No.	Pcs./Pkt.
D-UT 4-TWIN HV	3000710	50

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

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



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

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

Technical data <sup>1)</sup>				
Width	Length	Height		
6.2	65.4	47.5 (NS 35/7,5)		
I <sub>max.</sub> [A]	U <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ]	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 / -				

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

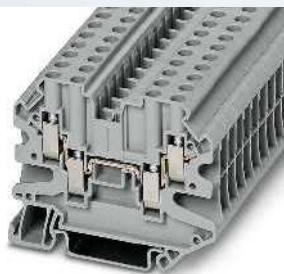
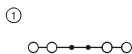
Accessories <sup>1)</sup>		
D-UT 2,5/4-QUATTRO	Order No.	Pcs./Pkt.
D-UT 2,5/4-QUATTRO	3047170	50

# Terminal blocks – CLIPLINE complete

## 4 mm<sup>2</sup> 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

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

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

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

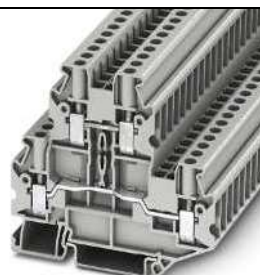
Ordering data			
Type	Order No.	Pcs./Pkt.	
UT 4-QUATTRO HV	① 3048823	50	
UT 4-QUATTRO HV BU	① 3048836	50	

Accessories <sup>1)</sup>	
D-UT 4-QUATTRO HV	3048852 50

Accessories <sup>1)</sup>		
Type	Order No.	Pcs./Pkt.
D-UT 4-QUATTRO HV	3048852	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**

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

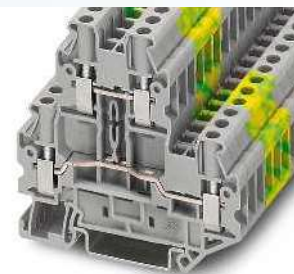
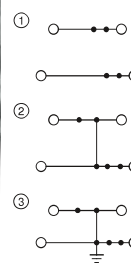
Technical data <sup>1)</sup>				
Width	Length	Height		
6.2	75.6	65 (NS 35/7,5)		
$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
36	1000	0.14 - 6	26-10	
26 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
1000	600	600	-	
30 / 4	30 / -	30 / -	- / -	

Description	Color
Terminal block	gray
	gray
	gray
	gray

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

Accessories <sup>1)</sup>	
D-UTTB 4 HV	3000709 50

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



**36 A, double-level terminal block and ground terminal**

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

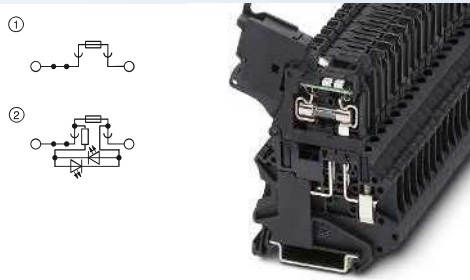
Technical data <sup>1)</sup>				
Width	Length	Height		
6.2	69.9	65 (NS 35/7,5)		
$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
36	800	0.14 - 6	26-10	
30 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	600	600	440	
30 / 4	30 / -	30 / -	25.5 / 4	

Ordering data			
Type	Order No.	Pcs./Pkt.	
UTTB 4	① 3044814	50	
UTTB 4 BU	① 3044791	50	
UTTB 4-PV	② 3044733	50	
UTTB 4-PE	③ 3044759	50	

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

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

<b>Notes:</b>
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.

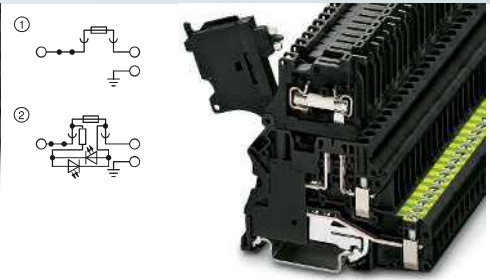


**6.3 A, lever-type fuse terminal block for 5 x 20 mm cartridge fuses**



Technical data <sup>1)</sup>				
Dimensions	Width	Length	Height	
[mm]	6.2	57.8	73 (NS 35/7,5)	
Maximum electrical data	$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)
	6.3 <sup>3)</sup>	500 <sup>4)</sup>	0.14 - 6	26-10
Maximum bridge current	32 (FBS) / 24 (FBSR) [A]			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	500 <sup>4)</sup>	600	600	-
Nominal current / cross section	6.3 / 1	6.3 / -	6.3 / -	- / -

Ordering data				
Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	black	UT 4-HESI (5X20)	① 3046032	50
with LED display for 12 ... 30 V AC/DC <sup>2)</sup>	black	UT 4-HESILED 24 (5X20)	② 3046090	50
for 12 ... 60 V AC/DC <sup>2)</sup>	black	UT 4-HESILED 24 (5X20) 120KOHM	② 3248005	50
for 30 ... 60 V AC/DC <sup>2)</sup>	black	UT 4-HESILED 60 (5X20)	② 3046126	50
for 110 ... 250 V AC/DC <sup>2)</sup>	black	UT 4-HESILA 250 (5X20)	② 3046100	50



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



Technical data <sup>1)</sup>				
Dimensions	Width	Length	Height	
[mm]	6.2	70.8	73 (NS 35/7,5)	
Maximum electrical data	$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)
	6.3 <sup>3)</sup>	500 <sup>4)</sup>	0.14 - 6	26-10
Maximum bridge current	32 (FBS) / 24 (FBSR) [A]			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	500 <sup>4)</sup>	600	600	-
Nominal current / cross section	6.3 / 1	10 / -	10 / -	- / -

Ordering data				
Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	black	UT 4-PE/HESI (5X20)	① 3073995	50
with LED display for 12 ... 30 V AC/DC <sup>2)</sup>	black	UT 4-PE/HESI LED 24 (5X20)	② 3070053	50
for 12 ... 60 V AC/DC <sup>2)</sup>	black	UT 4-PE/HESILED 60 (5X20)	② 3070066	50
for 110 ... 250 V AC/DC <sup>2)</sup>	black	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

<b>Notes:</b>
1) For additional accessories and technical data, see page 158.
For lever marking, please use marking material with a 5.2 mm pitch.

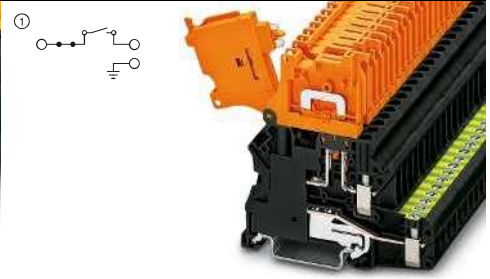


**20 A, lever-type disconnect terminal block, same shape**



Technical data <sup>1)</sup>				
Dimensions	Width	Length	Height	
[mm]	6.2	57.8	73 (NS 35/7,5)	
Maximum electrical data	$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)
	20	500	0.14 - 6	26-10
Maximum bridge current	32 (FBS) / 24 (FBSR) [A]			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	500	600	600	-
Nominal current / cross section	20 / 2.5	16 / -	16 / -	- / -

Ordering data				
Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	black/orange	UT 4-HEDI	① 3046249	50
With test socket screws	black/orange	UT 4-HEDI-P/P	① 3046252	50



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



Technical data <sup>1)</sup>				
Dimensions	Width	Length	Height	
[mm]	6.2	70.8	73 (NS 35/7,5)	
Maximum electrical data	$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)
	20	500	0.14 - 6	26-10
Maximum bridge current	32 (FBS) / 24 (FBSR) [A]			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	500	600	600	-
Nominal current / cross section	20 / 2.5	16 / -	16 / -	- / -

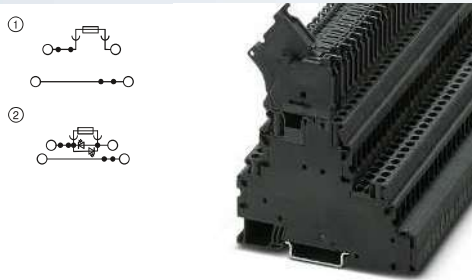
Ordering data				
Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	black/orange	UT 4-PE/HEDI	① 3074004	50

# Terminal blocks – CLIPLINE complete

## 4 mm<sup>2</sup> 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 data<sup>1)</sup>

Dimensions	[mm]
Width	6.2
Length	92.7
Height	88.9 (NS 35/7,5)

Maximum electrical data	[A]
Maximum bridge current	36 <sup>3)</sup>
Rated data	28 (FBS) / 24 (FBSR)
Rated voltage	500 <sup>3)</sup>
Nominal current / cross section	28 / 4
Nominal current / cross section	6.3 <sup>4)</sup> / 1 (disconnect level)

Width	Length	Height
6.2	92.7	88.9 (NS 35/7,5)

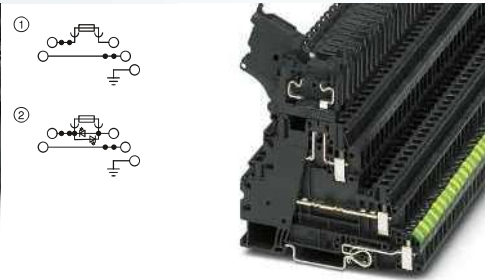
I <sub>max</sub> [A]	U <sub>max</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)
36 <sup>3)</sup>	500 <sup>3)</sup>	0.14 - 6	26-10

IEC	UL / CUL	CSA	Ex
28 (FBS) / 24 (FBSR)	500 <sup>3)</sup>	300	250
	28 / 4	16 / -	16 / -
	6.3 <sup>4)</sup> / 1 (disconnect level)		6.3 / 4

#### Ordering data

Description	Color
<b>Fuse terminal block</b>	black
with LED display for 12 ... 30 V DC <sup>2)</sup>	black
for 30 ... 60 V AC/DC <sup>2)</sup>	black
for 110 ... 250 V AC/DC <sup>2)</sup>	black

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 data<sup>1)</sup>

Width	Length	Height
6.2	92.7	88.9 (NS 35/7,5)

I <sub>max</sub> [A]	U <sub>max</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)
36 <sup>3)</sup>	500 <sup>3)</sup>	0.14 - 6	26-10

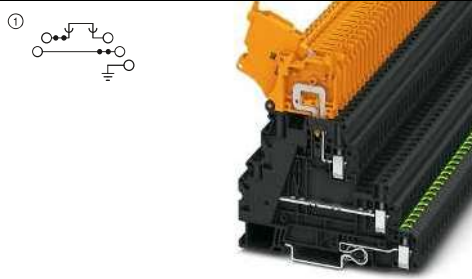
IEC	UL / CUL	CSA	Ex
28 (FBS) / 24 (FBSR)	500 <sup>3)</sup>	300	250
	28 / 4	16 / -	16 / -
	6.3 <sup>4)</sup> / 1 (disconnect level)		6.3 / 4

#### 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 data<sup>1)</sup>

Dimensions	[mm]
Width	6.2
Length	92.7
Height	88.9 (NS 35/7,5)

Maximum electrical data	[A]
Maximum bridge current	36
Rated data	28 (FBS) / 24 (FBSR)
Rated voltage	500
Nominal current / cross section	28 / 4
Nominal current / cross section	20 / 1 (disconnect level)

Width	Length	Height
6.2	92.7	88.9 (NS 35/7,5)

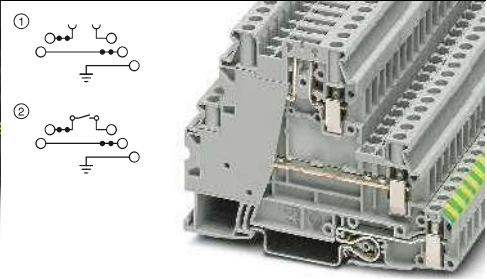
I <sub>max</sub> [A]	U <sub>max</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)
36	500	0.14 - 6	26-10

IEC	UL / CUL	CSA	Ex
28 (FBS) / 24 (FBSR)	500	300	500
	28 / 4	16 / -	16 / -
	20 / 1 (disconnect level)		16 / 4

#### Ordering data

Description	Color
<b>Terminal block</b>	black
	gray
	gray

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 data<sup>1)</sup>

Width	Length	Height
6.2	92.7	61.7 (NS 35/7,5)

I <sub>max</sub> [A]	U <sub>max</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)
36	500	0.14 - 6	26-10

IEC	UL / CUL	CSA	Ex
28 (FBS) / 24 (FBSR)	500	300	250
	28 / 4	16 / -	- / -
	20 <sup>2)</sup> / 2.5 (disconnect level)		6.3 / 4

#### 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.

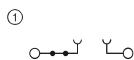
2) If the fuse is faulty, the downstream circuit is not off load.

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

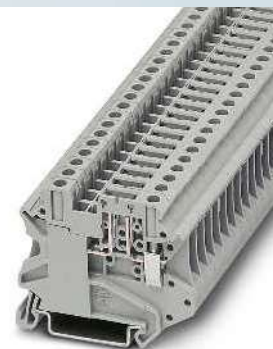
Detailed information and data sheets regarding modular terminal blocks in the Ex area are available in the product area on our website at [www.phoenixcontact.net/products](http://www.phoenixcontact.net/products) and in IECEx Certificate of Conformity IECEx UL 13.0007U and in UL file E192998.

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



ERAC

EX: IECEx UL 13.0007U

#### Technical data<sup>1)</sup>

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

#### Technical data<sup>1)</sup>

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

#### Ordering data

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

#### Ordering data

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

#### Accessories<sup>1)</sup>

Type	Order No.	Pcs./Pkt.
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

#### Accessories<sup>1)</sup>

Type	Order No.	Pcs./Pkt.
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]
Width	6.2
Length	57.8
Height	47.5 (NS 35/7,5)

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

Fuse connector, width: 6.2 mm <sup>2</sup>	Color
with LED display for 12 ... 30 V DC	black
for 30 ... 60 V AC/DC	black
for 110 ... 250 V AC/DC	black

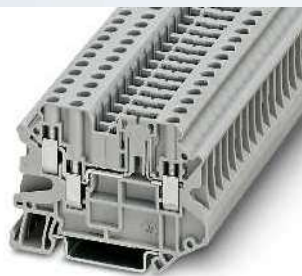
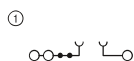
# Terminal blocks – CLIPLINE complete

## 4 mm<sup>2</sup> 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



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

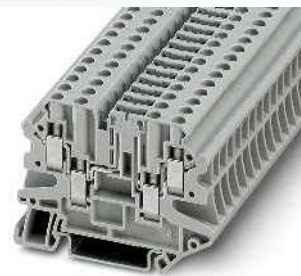
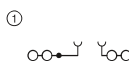
Technical data <sup>1)</sup>				
Width	Length	Height		
6.2	65.4	47.5 (NS 35/7,5)		
I <sub>max</sub> [A]	U <sub>max</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
20	500 <sup>2)</sup>	0.14 - 6	26-10	
20 (FBS) / 20 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500 <sup>2)</sup>	300	300	-	
20 <sup>2)</sup> / 2.5	20 / -	16 / -	- / -	

Description	Color
<b>Terminal block</b>	gray blue
With test socket screws	gray blue

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

Cover, width: 2.2 mm	gray
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Accessories <sup>1)</sup>		
D-UT 2,5/4-QUATTRO	Order No.	Pcs./Pkt.
D-UT 2,5/4-QUATTRO	3047170	50



20 A, disconnect terminal block,  
4 connections



Technical data <sup>1)</sup>				
Width	Length	Height		
6.2	65.4	47.5 (NS 35/7,5)		
I <sub>max</sub> [A]	U <sub>max</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
20	500 <sup>2)</sup>	0.14 - 6	26-10	
20 (FBS) / 20 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500 <sup>2)</sup>	300	300	-	
20 <sup>2)</sup> / 2.5	16 / -	16 / -	- / -	

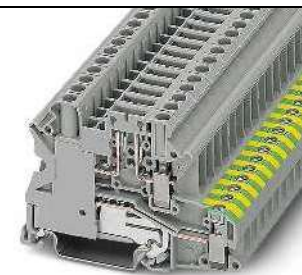
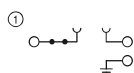
Ordering data			
Type	Order No.	Pcs./Pkt.	
UT 4-QUATTRO-TG	3064027	50	
UT 4-QUATTRO-TG BU	3073076	50	
UT 4-QUATTRO-TG P/P	3064030	50	
UT 4-QUATTRO-TG P/P BU	3073089	50	

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

### Disconnect terminal blocks

#### Notes:

- 1) For additional accessories and technical data, see page 158.
- 2) Current and voltage are determined by the plug used.
- 3) Lower level



20 A, disconnect terminal block  
with PE foot



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

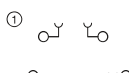
Technical data <sup>1)</sup>				
Width	Length	Height		
6.2	70.8	47.5 (NS 35/7,5)		
I <sub>max</sub> [A]	U <sub>max</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
20	500	0.14 - 6	-	
20 (FBS) / 20 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	-	600	-	
20 / 2.5	- / -	16 / -	- / -	
Rigid	Flexible	Ferrule without/with plastic sleeve		
-	-	-		

Description	Color
<b>Terminal block</b>	gray
With test socket screws	gray
<b>Disconnect terminal block</b>	gray

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

Cover, width: 2.2 mm	gray
Spacer plate	gray

Accessories <sup>1)</sup>		
D-UTT 2,5/4	Order No.	Pcs./Pkt.
D-UTT 2,5/4	3047293	50
DP-UTT 2,5/4	3047303	50



38 A, double-level terminal block  
with disconnect zone



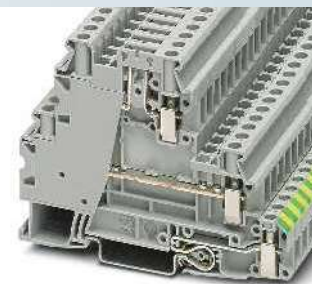
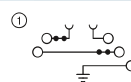
Technical data <sup>1)</sup>				
Width	Length	Height		
6.2	69.9	65 (NS 35/7,5)		
I <sub>max</sub> [A]	U <sub>max</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
38 <sup>3)</sup>	500 <sup>2)</sup>	0.14 - 6	26-10	
30 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500 <sup>2)</sup>	600	600	-	
30 / 4	16 / -	5 / -	- / -	
20 <sup>2)</sup> / 2.5 (disconnect level)				
Rigid	Flexible	Ferrule without/with plastic sleeve		
0.14 - 1.5	0.14 - 1.5	0.14 - 1.5		

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

Accessories <sup>1)</sup>		
D-UTT 2,5/4	Order No.	Pcs./Pkt.
D-UTT 2,5/4	3047293	50
DP-UTT 2,5/4	3047303	50

### Disconnect terminal blocks

<b>Notes:</b>
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

Dimensions		[mm]
<b>Maximum electrical data</b>		
Maximum bridge current	[A]	28 (FBS) / 24 (FBSR)
<b>Rated data</b>		
Rated voltage	[V]	500
Nominal current / cross section	[A] / [mm <sup>2</sup> ]	28 / 4
Nominal current / cross section	[A] / [mm <sup>2</sup> ]	20 <sup>2</sup> / 2.5 (disconnect level)

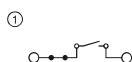
Technical data <sup>1)</sup>			
Width	Length	Height	
6.2	92.7	61.7 (NS 35/7,5)	
I <sub>max</sub> [A]	U <sub>max</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)
36	500	0.14 - 6	26-10
IEC	UL / CUL	CSA	Ex
500	300	-	250
28 / 4	16 / -	- / -	6.3 / 4

Description	Color
<b>Terminal block</b>	gray

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

### Knife disconnect terminal blocks

<b>Notes:</b>
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.

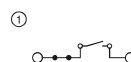


**20 A, knife disconnect terminal block**

Technical data <sup>1)</sup>			
Width	Length	Height	
6.2	57.8	49.1 (NS 35/7,5)	
I <sub>max</sub> [A]	U <sub>max</sub> [V]	max. Ø [mm <sup>2</sup> ]	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	① 3046139	50
UT 4-MT BU	① 3046278	50
UT 4-MT-P/P	① 3046171	50
UT 4-MT-P/P BU	① 3046265	50

Description	Color
<b>Terminal block</b>	gray
	blue
With test socket screws	gray
	blue



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

Ex: 
  
 IECEx UL 13.0007U

Technical data <sup>1)</sup>			
Width	Length	Height	
6.2	57.8	49.1 (NS 35/7,5)	
I <sub>max</sub> [A]	U <sub>max</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)
20	500	0.14 - 6	-
20 (FBS) / 20 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	-	-	500
20 / 2.5	- / -	- / -	16 / 4

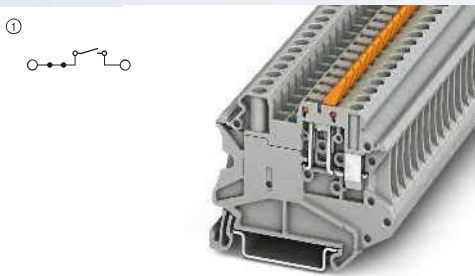
Ordering data		
Type	Order No.	Pcs./Pkt.
UT 4-MT-EX	① 3046141	50
UT 4-MT-P/P-EX	① 3046173	50

# Terminal blocks – CLIPLINE complete

## 4 mm<sup>2</sup> 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

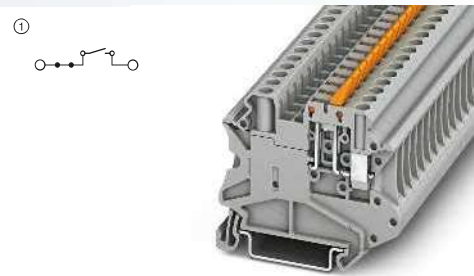


<b>Dimensions</b>	[mm]
<b>Maximum electrical data</b>	
Maximum bridge current	[A]
<b>Rated data</b>	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm <sup>2</sup> ]

Technical data <sup>1)</sup>				
Width	Length	Height		
6.2	57.8	49.1 (NS 35/7,5)		
I <sub>max</sub> [A]	U <sub>max</sub> [V]	max. Ø [mm <sup>2</sup> ]	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 / -	- / -	

Description	Color
<b>Terminal block</b>	gray
red actuation lever	gray
white actuation lever	gray

Ordering data			
Type	Order No.	Pcs./Pkt.	
UT 4-MTL	3046144	50	
UT 4-MTL KNIFE-RD	3046152	50	
UT 4-MTL KNIFE-WH	3046148	50	



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

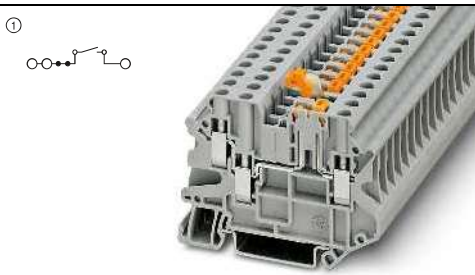


Technical data <sup>1)</sup>				
Width	Length	Height		
6.2	57.8	49.1 (NS 35/7,5)		
I <sub>max</sub> [A]	U <sub>max</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
20	500	0.14 - 6	26-10	
20 (FBS) / 20 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	300	600	-	
20 / 2.5	16 / -	16 / -	- / -	

Ordering data			
Type	Order No.	Pcs./Pkt.	
UT 4-MTL-P/P	3046146	50	
UT 4-MTL-P/P KNIFE-RD	3046154	50	
UT 4-MTL-P/P KNIFE-WH	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



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

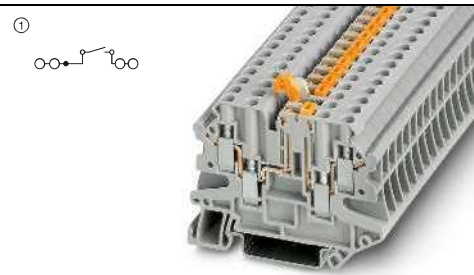
Technical data <sup>1)</sup>				
Width	Length	Height		
6.2	65.4	49.1 (NS 35/7,5)		
I <sub>max</sub> [A]	U <sub>max</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
20	500	0.14 - 6	26-10	
20 (FBS) / 20 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	300	300	-	
20 / 2.5	20 / -	16 / -	- / -	

Description	Color
<b>Terminal block</b>	gray
	blue
With test socket screws	gray
	blue

Ordering data			
Type	Order No.	Pcs./Pkt.	
UT 4-TWIN-MT	3064003	50	
UT 4-TWIN-MT BU	3073018	50	
UT 4-TWIN-MT P/P	3064014	50	
UT 4-TWIN-MT P/P BU	3073021	50	

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

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



20 A, knife disconnect terminal block, 4 connections



Technical data <sup>1)</sup>				
Width	Length	Height		
6.2	65.4	49.1 (NS 35/7,5)		
I <sub>max</sub> [A]	U <sub>max</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
20	500	0.14 - 6	26-10	
20 (FBS) / 20 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	300	300	-	
20 / 2.5	16 / -	16 / -	- / -	

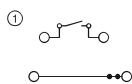
Ordering data			
Type	Order No.	Pcs./Pkt.	
UT 4-QUATTRO-MT	3064043	50	
UT 4-QUATTRO-MT BU	3073050	50	
UT 4-QUATTRO-MT P/P	3064056	50	
UT 4-QUATTRO-MT P/P BU	3073063	50	

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



### Knife disconnect terminal blocks

<b>Notes:</b>
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 <sup>1)</sup>				
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 <sup>2</sup> ]	AWG (UL)
	38 <sup>2)</sup>	500	0.14 - 6	26-10
Maximum bridge current	36 (FBS) / 24 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	500	600	600	-
Nominal current / cross section	30 / 4	16 / -	5 / -	- / -
Nominal current / cross section	20 / 2.5 (disconnect level)			

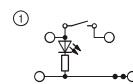
Dimensions	
[mm]	
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm <sup>2</sup> ]
Nominal current / cross section	[A] / [mm <sup>2</sup> ]

Description	Color
<b>Knife disconnect terminal block</b>	gray
With test socket screws	gray
For 12 - 30 V DC, 0.7 - 2.4 mA	gray

Ordering data			
Type	Order No.	Pcs./Pkt.	
UTT 4-MT	3044775	50	①
UTT 4-MT P/P	3044762	50	①

Accessories <sup>1)</sup>			
Type	Order No.	Pcs./Pkt.	
D-UTT 2,5/4	3047293	50	

<b>Cover, width: 2.2 mm</b>	gray
-----------------------------	------



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



Technical data <sup>1)</sup>				
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 <sup>2</sup> ]	AWG (UL)
	38 <sup>2)</sup>	24	0.14 - 6	26-10
Maximum bridge current	30 (FBS) / 24 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	24	600	24	-
Nominal current / cross section	30 / 4	16 / -	30 / -	- / -
Nominal current / cross section	20 / 2.5 (disconnect level)			

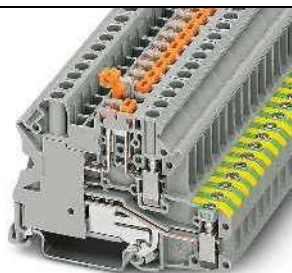
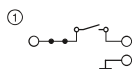
Dimensions	
[mm]	
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm <sup>2</sup> ]
Nominal current / cross section	[A] / [mm <sup>2</sup> ]

Ordering data			
Type	Order No.	Pcs./Pkt.	
UTT 4-MT P/P LA 24 RD/O-U	3046773	50	①

Accessories <sup>1)</sup>			
Type	Order No.	Pcs./Pkt.	
D-UTT 2,5/4	3047293	50	

### Knife disconnect terminal blocks

<b>Notes:</b>
1) For additional accessories and technical data, see page 158.
2) Lower level
For additional technical data, drawings, and accessories, please visit <a href="http://phoenixcontact.net/products">phoenixcontact.net/products</a> .
For information on installation and using accessories for Ex applications, see page 678.



**20 A, knife disconnect terminal block with PE foot**

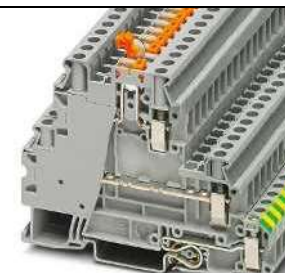


Technical data <sup>1)</sup>				
Dimensions	Width	Length	Height	
[mm]	6.2	70.8	49.1 (NS 35/7,5)	
Maximum electrical data	$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)
	20	500	0.14 - 6	26-10
Maximum bridge current	20 (FBS) / 20 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	500	-	600	-
Nominal current / cross section	20 / 2.5	- / -	16 / -	- / -
Nominal current / cross section	-			

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

Description	Color
<b>Knife disconnect terminal block</b>	gray
With test socket screws	gray

Ordering data			
Type	Order No.	Pcs./Pkt.	
UT 4-PE/MT	3070011	50	①
UT 4-PE/MT P/P	3046140	50	①



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



Ex: KIWA 14ATEX0025U / IECEx KIWA14.0014U

Technical data <sup>1)</sup>				
Dimensions	Width	Length	Height	
[mm]	6.2	92.7	61.7 (NS 35/7,5)	
Maximum electrical data	$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)
	36 <sup>2)</sup>	500	0.14 - 6	26-10
Maximum bridge current	28 (FBS) / 24 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	500	300	-	500
Nominal current / cross section	28 / 4	16 / -	- / -	16 / 4
Nominal current / cross section	20 / 2.5 (disconnect level)			

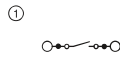
Dimensions	
[mm]	
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm <sup>2</sup> ]
Nominal current / cross section	[A] / [mm <sup>2</sup> ]

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

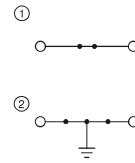


### Test disconnect terminal blocks

**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



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

Technical data <sup>1)</sup>				
Width	Length	Height		
6.2	66	49.5 (NS 35/7,5)		
$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	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 / -	- / -	

Technical data <sup>1)</sup>				
Width	Length	Height		
6.2	66	49.5 (NS 35/7,5)		
$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	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 / -	- / -	

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

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	

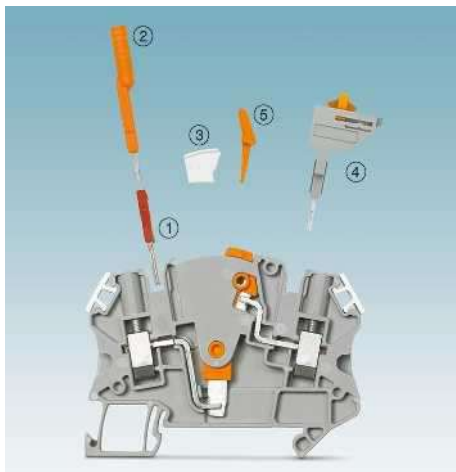
Ordering data			
Type	Order No.	Pcs./Pkt.	
UTMED 4	① 3047465	50	
UTMED 4-PE	② 3047478	50	

Accessories <sup>1)</sup>	
D-UTME 4	3047491 10

Accessories <sup>1)</sup>			
D-UTME 4	3047491	10	

Accessories <sup>1)</sup>			
D-UTME 4	3047491	10	

### 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
<b>Test adapter</b> , 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
<b>Switching lock</b> , plug-in		white
<b>Switching bridge</b> , 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	

# Terminal blocks – CLIPLINE complete

## 4 mm<sup>2</sup> UT screw connection terminal blocks

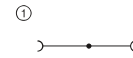
### Installation terminal blocks

#### 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](http://phoenixcontact.net/products)



32 A, neutral disconnect terminal block

ERC

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

Technical data <sup>1)</sup>				
Width	Length	Height		
6.2	55	47.5 (NS 35/7,5)		
$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
32	250	0.14 - 6	-	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
250	-	-	-	
32 / 4	- / -	- / -	- / -	
Rigid	Flexible	Ferrule		
		without/with plastic sleeve		
0.14 - 6	0.14 - 6	0.25 - 4	0.25 - 4	

Description	Color
Neutral disconnect terminal block	blue

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

Cover, width: 2.2 mm	blue
Support bracket	blue

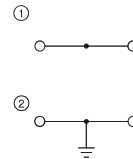
Accessories <sup>1)</sup>		
Type	Order No.	Pcs./Pkt.
D-UTN 2,5/10	3245079	50
AB-UTN 2,5/10	3245082	50

## Mini feed-through and ground terminal blocks

## Notes:

<sup>1)</sup> 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  
SEV13ATEX0178U / IECEx SEV13.0012U

Technical data<sup>1)</sup>

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

## 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

Accessories<sup>1)</sup>

Cover, width: 2.2 mm	D-MUT 2,5/4	Order No.	Pcs./Pkt.
		3248033	50

# Terminal blocks – CLIPLINE complete

## 6 mm<sup>2</sup> 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 <sup>2</sup> ]	6			
Cross section range	AWG	24 - 8			
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	[mm <sup>2</sup> ]	0.2 - 10	0.2 - 10	0.25 - 6	0.25 - 6
2 conductors (of the same type)	[mm <sup>2</sup> ]	0.2 - 2.5	0.2 - 2.5	0.25 - 1.5	-
2 flexible conductors with a TWIN ferrule	[mm <sup>2</sup> ]	-	-	-	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:



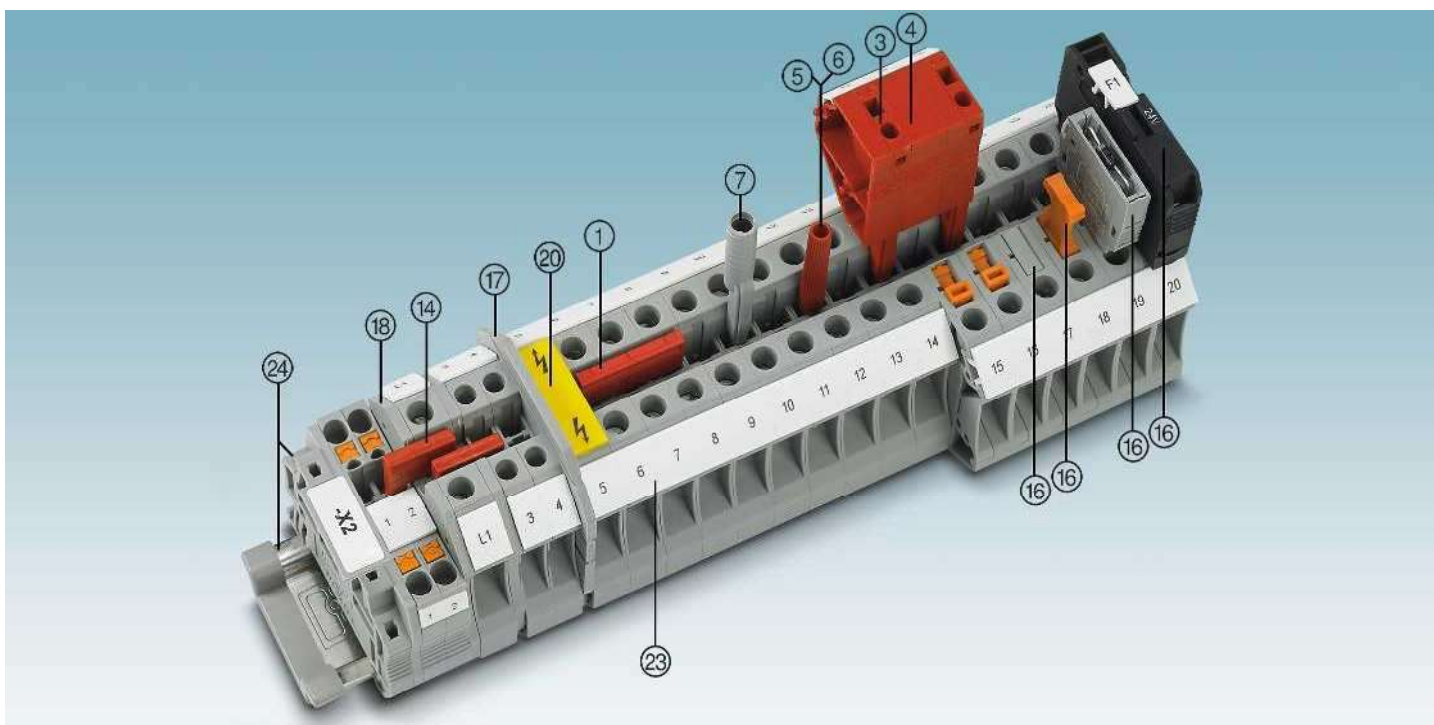
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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 <sup>1)</sup>	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.
⑳ Warning labels	For WS ..., see page 420.
㉑ Lateral groove labeling	UC-TM 8, UCT-TM 8 or ZB 8. 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.



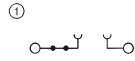
# Terminal blocks – CLIPLINE complete

## 6 mm<sup>2</sup> UT screw connection terminal blocks

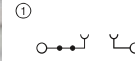
### Disconnect terminal blocks

#### 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](http://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

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

Description	Color
<b>Terminal block</b>	gray blue
With test socket screws	gray blue

<b>Fuse connector, width: 8.2 mm<sup>2</sup></b>	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



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

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

Accessories <sup>1)</sup>		



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

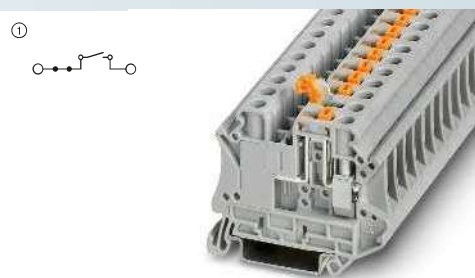
Ordering data			
Type	Order No.	Pcs./Pkt.	
UT 6-TG-EX	3046486	50	
UT 6-TG P/P-EX	3073870	50	

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



### Knife disconnect terminal blocks

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



20 A, knife disconnect terminal block



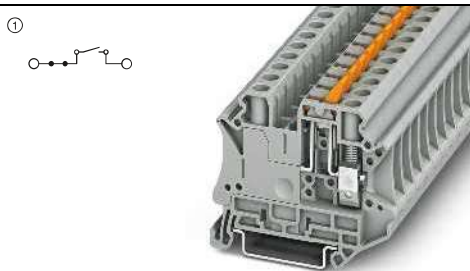
Dimensions		Technical data <sup>1)</sup>				
Width	[mm]	8.2	Length	57.8	Height	49.1 (NS 35/7,5)
<b>Maximum electrical data</b>		$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
Maximum bridge current		20	500	0.2 - 10	24-8	
Rated data		20 (FBS) / 20 (FBSR)				
Rated voltage	[V]	IEC	UL / CUL	CSA	Ex	
Nominal current / cross section	[A] / [mm <sup>2</sup> ]	500	600	600	-	
		20 / 2.5	16 / -	16 / -	- / -	

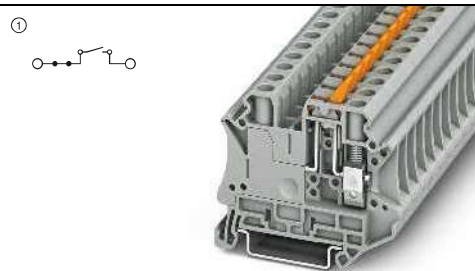
Description		Color	Ordering data		
<b>Terminal block</b>		gray	<b>Type</b>	<b>Order No.</b>	<b>Pcs./Pkt.</b>
		blue	UT 6-MT	① 3064069	50
		gray	UT 6-MT BU	① 3073267	50
With test socket screws		gray	UT 6-MT P/P	① 3064072	50
		blue	UT 6-MT P/P BU	① 3073270	50

### Knife disconnect terminal blocks

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



20 A, knife disconnect terminal block, with actuation lever



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



Dimensions		Technical data <sup>1)</sup>				Technical data <sup>1)</sup>						
Width	[mm]	8.2	Length	57.8	Height	49.1 (NS 35/7,5)	Width	8.2	Length	57.8	Height	49.1 (NS 35/7,5)
<b>Maximum electrical data</b>		$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)			
Maximum bridge current		20	500	0.2 - 10	24-8	20	500	0.2 - 10	-			
Rated data		20 (FBS) / 20 (FBSR)					20 (FBS) / 20 (FBSR)					
Rated voltage	[V]	IEC	UL / CUL	CSA	Ex	IEC	UL / CUL	CSA	Ex			
Nominal current / cross section	[A] / [mm <sup>2</sup> ]	500	600	600	-	500	-	600	-			
		20 / 2.5	16 / -	16 / -	- / -	20 / 2.5	- / -	16 / -	- / -			

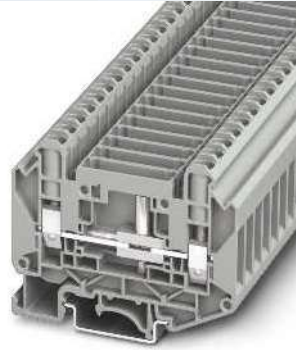
Description		Color	Ordering data			Ordering data		
<b>Terminal block</b>		gray	<b>Type</b>	<b>Order No.</b>	<b>Pcs./Pkt.</b>	<b>Type</b>	<b>Order No.</b>	<b>Pcs./Pkt.</b>
Red actuation lever		gray	UT 6-MTL	① 3046145	50	UT 6-MTL P/P	① 3046147	50
White actuation lever		gray	UT 6-MTL KNIFE-RD	① 3046153	50	UT 6-MTL-P/P KNIFE-RD	① 3046155	50
		gray	UT 6-MTL KNIFE-WH	① 3046149	50	UT 6-MTL P/P KNIFE-WH	① 3046151	50

# Terminal blocks – CLIPLINE complete

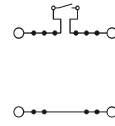
## 6 mm<sup>2</sup> UT screw connection terminal blocks

### Test disconnect terminal blocks

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

Description	No. of pos.	Color
<b>Terminal block</b>		gray
With test socket screws		gray
<b>Feed-through terminal block</b>		gray

Cover, width: 2.2 mm		gray
<b>Plug-in bridge</b>		
	2	red
	3	red
	4	red
	5	red
	10	red
<b>Pre-assembled bridge, labeled</b>		
3-pos., positions 1, 3	3	red
4-pos., positions 1, 4	4	red
5-pos., positions 1, 5	5	red
5-pos., positions 1, 3, 5	5	red
10-pos., positions 1, 4, 7, 10	10	red
<b>Fixed bridge</b>	10	silver
<b>Isolator bridge bar</b>	10	silver
<b>Switching bridge</b>		
	2	orange
	3	orange
	4	orange
<b>Switching bridge, plug-in</b>		
	2	gray/orange
	3	gray/orange
	4	gray/orange
<b>Disconnect plate, 1 mm width</b>		gray
<b>Test socket</b>		silver
<b>Test adapter, plug-in</b>		yellow
		green
		violet
		black
		blue
		violet
		black
		brown
		gray
<b>Test adapter, screw-in</b>		yellow
		green
		violet
		black

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

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

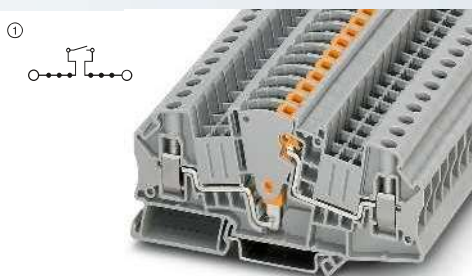
Ordering data				
Type	$I_{max}$	Order No.	Pcs./Pkt.	
UT 6-T-HV		3070134	50	
UT 6-T-HV P/P		3070121	50	

Ordering data				
Type	$I_{max}$	Order No.	Pcs./Pkt.	
UT 6-T/SP		3072815	50	
UTD 6/SP		3072817	50	

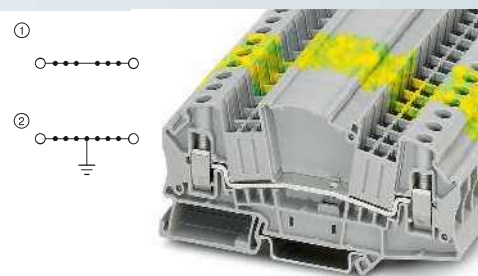
Accessories				
Type	$I_{max}$	Order No.	Pcs./Pkt.	
D-UT 6-T-HV		3070147	50	
FBS 2-8	41 A	3030284	10	
FBS 3-8	41 A	3030297	10	
FBS 4-8	41 A	3030307	10	
FBS 5-8	41 A	3030310	10	
FBS 10-8	41 A	3030323	10	
FBS 1/3-8	24 A	3032363	10	
FBS 1/4-8	24 A	3032376	10	
FBS 1/5-8	24 A	3032381	10	
FBS 1/3/5-8	24 A	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	30 A	3000587	10	
SB-MER 3-8	30 A	3000588	10	
SB-MER 4-8	30 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



#### Technical data<sup>1)</sup>

Width	Length	Height		
8.2	100.8	49.6 (NS 35/7,5)		
$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
30	500	0.2 - 10	24-8	
30 (FBS) / 30 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	600	600	-	
Nominal current / cross section [A] / [mm <sup>2</sup> ]				
30 / 6	30 / -	30 / -	- / -	

#### Ordering data

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

#### Accessories<sup>1)</sup>

D-UTME 6	3047426	10
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#### Technical data<sup>1)</sup>

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

#### Ordering data

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

#### Accessories<sup>1)</sup>

D-UTME 6	3047426	10
----------	---------	----

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

### 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 mm<sup>2</sup> UT screw connection terminal blocks

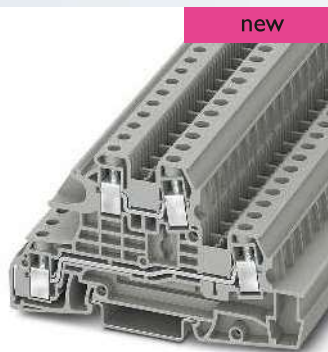
### Installation terminal blocks

#### Notes:

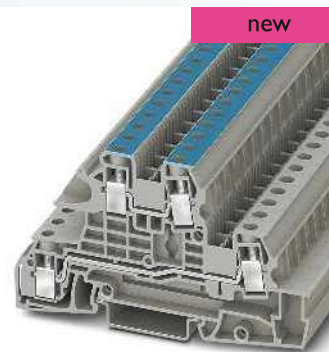
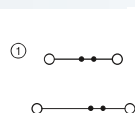
1) For additional accessories and technical data, see page 172.

#### 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](http://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

ERC

#### Dimensions

[mm]

#### Maximum electrical data

[A]

#### Rated data

[V]

[A] / [mm<sup>2</sup>]

#### Connection capacity

[mm<sup>2</sup>]

#### General data

[mm]

[Nm]

Technical data <sup>1)</sup>				
Width	Length	Height		
8.2	95	51.5 (NS 35/7,5)		
I <sub>max</sub> [A]	U <sub>max</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
47	400	0.2 - 10	-	
34 (FBSL)				
IEC	UL / CUL	CSA	Ex	
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	-	
Stripping length	9			
Screw thread	M3			
Tightening torque	0.5 - 0.6			

Technical data <sup>1)</sup>				
Width	Length	Height		
8.2	95	51.5 (NS 35/7,5)		
I <sub>max</sub> [A]	U <sub>max</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
47	400	0.2 - 10	-	
34 (FBSL)				
IEC	UL / CUL	CSA	Ex	
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	-	
Stripping length	9			
Screw thread	M3			
Tightening torque	0.5 - 0.6			

#### Ordering data

Description	No. of pos.	Color
Terminal block		gray
upper level blue		gray

Type	I <sub>max</sub>	Order No.	Pcs./Pkt.
UTI 6-L/L	①	3076042	50

#### Ordering data

Type	I <sub>max</sub>	Order No.	Pcs./Pkt.
UTI 6-L/N	①	3076045	50

#### Accessories<sup>1)</sup>

Cover, width: 2.2 mm	gray
Support bracket, to hold the neutral busbar, set every 20 cm, 2.2 mm wide	blue

D-UTI 6/3	1025464	50
AB-UTI 6/3	1037092	50

#### Accessories<sup>1)</sup>

D-UTI 6/3	1025464	50
AB-UTI 6/3	1037092	50

#### Plug-in bridge

2	red
3	red
4	red
5	red
10	red

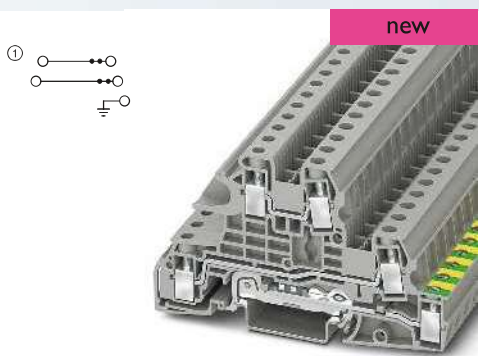
FBSL 2-8	34 A	3030324	10
FBSL 3-8	34 A	3030325	10
FBSL 4-8	34 A	3030326	10
FBSL 5-8	34 A	3030327	10
FBSL 10-8	34 A	3030328	10

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

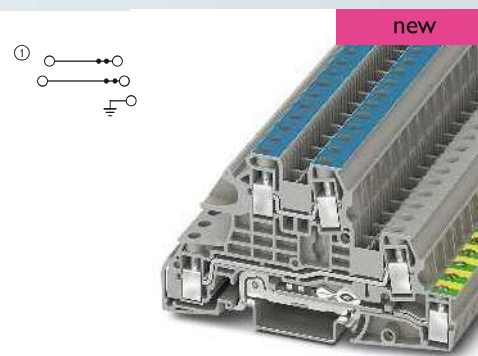
### Installation terminal blocks

**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](http://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**

ERC

#### Technical data<sup>1)</sup>

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

#### Ordering data

Description	No. of pos.	Color
<b>Terminal block</b>		gray
upper level blue		gray

Type	$I_{max}$	Order No.	Pcs./Pkt.
UT1 6-PE/L/L	①	3076040	50

#### Accessories<sup>1)</sup>

<b>Cover</b> , width: 2.2 mm	gray
<b>Support bracket</b> , to hold the neutral busbar, set every 20 cm, 2.2 mm wide	blue
<b>Plug-in bridge</b>	
2	red
3	red
4	red
5	red
10	red

D-UT1 6/3	$I_{max}$	Order No.	Pcs./Pkt.
AB-UT1 6/3		1025464	50
		1037092	50
FBSL 2-8	$I_{max}$	Order No.	Pcs./Pkt.
FBSL 3-8	34 A	3030324	10
FBSL 4-8	34 A	3030325	10
FBSL 5-8	34 A	3030326	10
FBSL 10-8	34 A	3030327	10
		3030328	10

ERC

#### Technical data<sup>1)</sup>

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

#### Ordering data

Type	$I_{max}$	Order No.	Pcs./Pkt.
UT1 6-PE/L/N	①	3076041	50

#### Accessories<sup>1)</sup>

D-UT1 6/3	$I_{max}$	Order No.	Pcs./Pkt.
AB-UT1 6/3		1025464	50
		1037092	50
FBSL 2-8	$I_{max}$	Order No.	Pcs./Pkt.
FBSL 3-8	34 A	3030324	10
FBSL 4-8	34 A	3030325	10
FBSL 5-8	34 A	3030326	10
FBSL 10-8	34 A	3030327	10
		3030328	10

# Terminal blocks – CLIPLINE complete

## 6 mm<sup>2</sup> UT screw connection terminal blocks

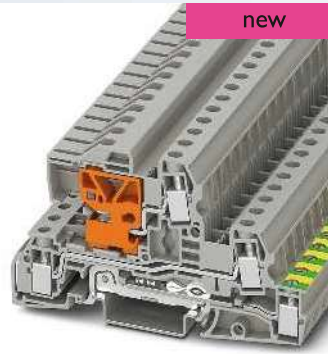
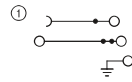
### Installation terminal blocks

#### Notes:

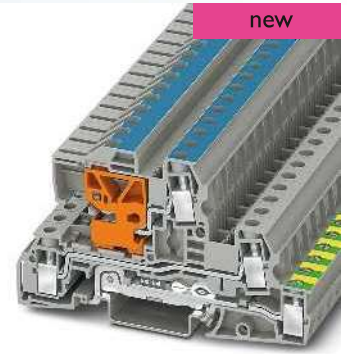
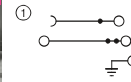
1) For additional accessories and technical data, see page 172.

#### 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](http://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**



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

ERC

ERC

		Technical data <sup>1)</sup>			
Dimensions		Width	Length	Height	
	[mm]	8.2	95	51.5 (NS 35/7,5)	
Maximum electrical data		$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)
		47	400	0.2 - 10	-
Rated data		34 (FBSL)			
Maximum bridge current	[A]				
Rated voltage	[V]	IEC	UL / CUL	CSA	Ex
Nominal current / cross section	[A] / [mm <sup>2</sup> ]	400	-	-	-
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve	
2 conductors (of the same type)	[mm <sup>2</sup> ]	0.2 - 2.5	0.2 - 2.5		
General data					
Stripping length	[mm]	9			
Screw thread		M3			
Tightening torque	[Nm]	0.5 - 0.6			

		Technical data <sup>1)</sup>			
Dimensions		Width	Length	Height	
	[mm]	8.2	95	51.5 (NS 35/7,5)	
Maximum electrical data		$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)
		47	400	0.2 - 10	-
Rated data		34 (FBSL)			
Maximum bridge current	[A]				
Rated voltage	[V]	IEC	UL / CUL	CSA	Ex
Nominal current / cross section	[A] / [mm <sup>2</sup> ]	400	-	-	-
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve	
2 conductors (of the same type)	[mm <sup>2</sup> ]	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 upper level blue		gray	UTI 6-PE/L/LT	①	3076043	50

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

			Accessories <sup>1)</sup>			
Accessories		Color	Type	$I_{max}$	Order No.	Pcs./Pkt.
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

			Accessories <sup>1)</sup>			
Accessories		Color	Type	$I_{max}$	Order No.	Pcs./Pkt.
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

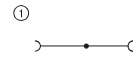
## Installation terminal blocks

**Notes:**

<sup>1)</sup> 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](http://phoenixcontact.net/products)



41 A, neutral disconnect terminal block

ERC

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

# Terminal blocks – CLIPLINE complete

## 10 mm<sup>2</sup> UT screw connection terminal blocks

### General technical data

<b>Rated data</b>		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm <sup>2</sup> ]	10			
Cross section range	AWG	20 - 6			
<b>Connection capacity</b>		Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	[mm <sup>2</sup> ]	0.5 - 16	0.5 - 16	0.5 - 10	0.5 - 10
2 conductors (of the same type)	[mm <sup>2</sup> ]	0.5 - 4	0.5 - 4	0.5 - 2.5	-
2 flexible conductors with a TWIN ferrule	[mm <sup>2</sup> ]	-	-	-	0.5 - 6
<b>General data</b>					
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:



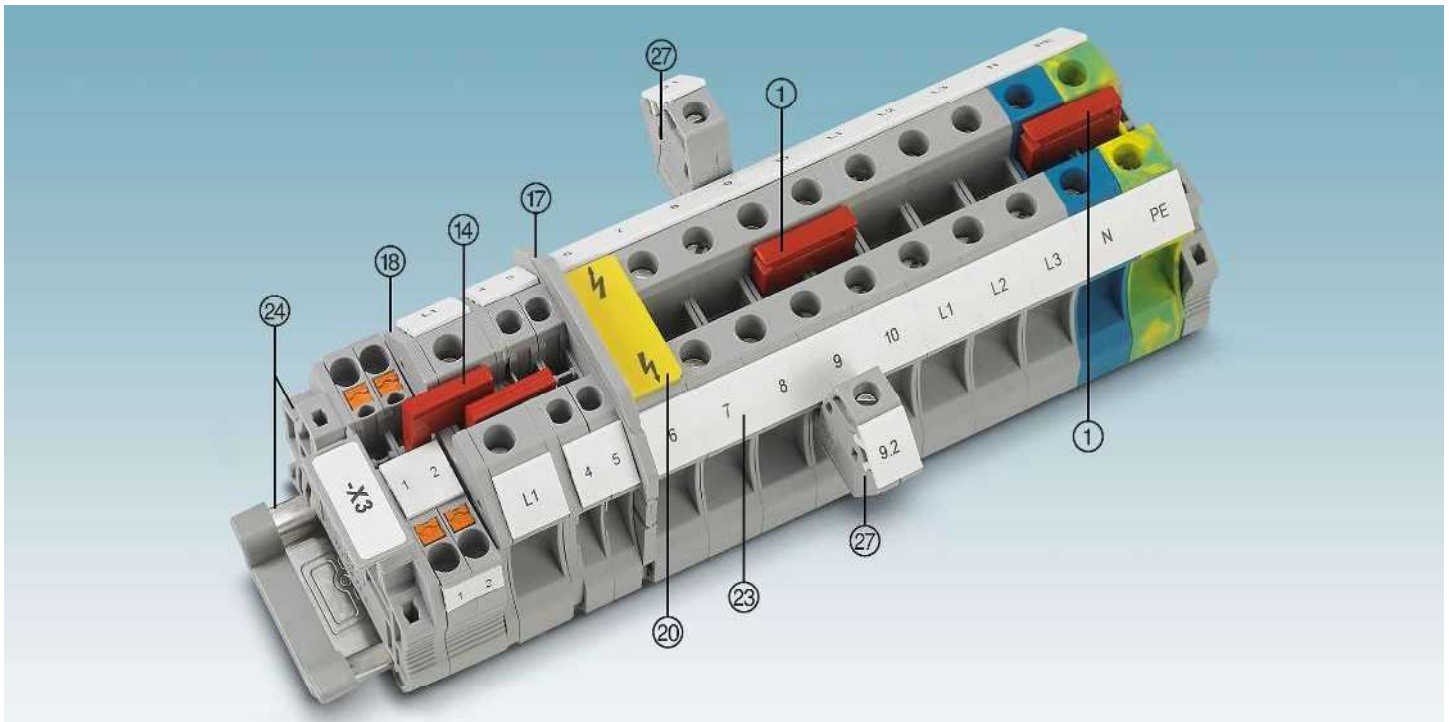
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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 <sup>1)</sup>	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			

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 10, UCT-TM 10 or ZB 10. 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.							

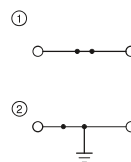


## Feed-through and ground terminal blocks

## Notes:

<sup>1)</sup> 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: Ex I, Ex II, Ex III

KEMA 04ATEX2048 U / IECEx KEM 06.0027U

Technical data<sup>1)</sup>

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

## Ordering data

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

Accessories<sup>1)</sup>

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

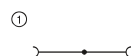
## Installation terminal blocks

## Notes:

<sup>1)</sup> 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](http://phoenixcontact.net/products)



## 57 A, neutral disconnect terminal block

ERC

Technical data<sup>1)</sup>

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

## Ordering data

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

Accessories<sup>1)</sup>

Description	Color	Type	Order No.	Pcs./Pkt.
Cover, width: 2.2 mm	blue	D-UTN 2,5/10	3245079	50
Support bracket	blue	AB-UTN 2,5/10	3245082	50

# Terminal blocks – CLIPLINE complete

## 16 mm<sup>2</sup> UT screw connection terminal blocks

### General technical data

<b>Rated data</b>		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm <sup>2</sup> ]	16			
Cross section range	AWG	16 - 4			
<b>Connection capacity</b>		Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	[mm <sup>2</sup> ]	1.5 - 25	1.5 - 25	1 - 16	1 - 16
2 conductors (of the same type)	[mm <sup>2</sup> ]	1 - 6	1 - 6	1 - 6	-
2 flexible conductors with a TWIN ferrule	[mm <sup>2</sup> ]	-	-	-	0.75 - 10
<b>General data</b>					
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:



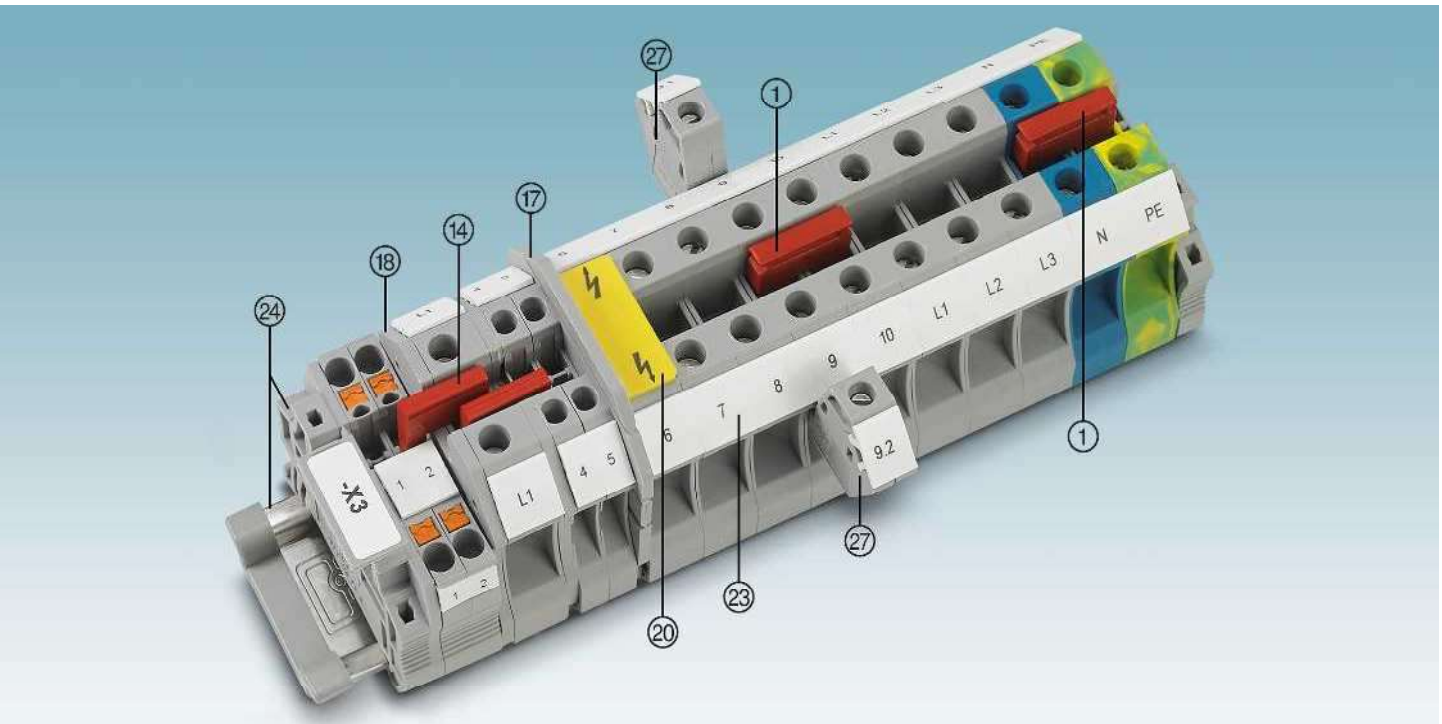
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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

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

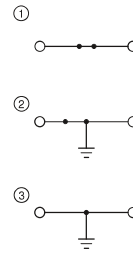
### System accessories



Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① Bridge <sup>1)</sup>	2	red	FBS 2-12	3005950	10			
② 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: Ex EAC Ex IEC Ex CB  
 KEMA 04ATEX2048 U / IECEx KEM 06.0027U

#### Technical data<sup>1)</sup>

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

#### Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
<b>Terminal block</b>	gray	UT 16	① 3044199	50
	blue	UT 16 BU	① 3044209	50
<b>Ground terminal</b>	green-yellow	UT 16-PE	② 3044212	50
With screw foot	green-yellow	UT 16-PE/S	③ 3215915	50

#### Accessories<sup>1)</sup>

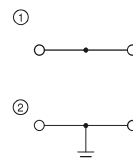
Description	Color	Type	Order No.	Pcs./Pkt.
<b>Cover, width: 2.2 mm</b>	gray	D-UT 16	3047206	50

### 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 UT1 16.  
**Assembly instruction:**  
 In order to securely fix the neutral busbar in place, support brackets must be placed at the beginning and end of each terminal strip as well as every 20 cm on longer terminal strips. The corresponding support brackets can be found at phoenixcontact.net/products



**76 A, neutral disconnect terminal block**



**76 A, feed-through and ground terminal block**

ERC

#### Technical data<sup>1)</sup>

Dimensions		Width	Length	Height
	[mm]	12.2	55	50.5 (NS 35/7,5)
Maximum electrical data		$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ] AWG (UL)
Maximum bridge current	[A]	76	400	6 - 25 -
<b>Rated data</b>		101		
Rated voltage	[V]	IEC	UL / CUL	CSA Ex
Nominal current / cross section	[A] / [mm <sup>2</sup> ]	400	- / -	- / - - / -
Cross section range	AWG	76 / 16	- / -	- / - - / -
<b>Connection capacity</b>		10 - 4	-	-
		Rigid	Flexible	Ferrule without/with plastic sleeve
1 conductor	[mm <sup>2</sup> ]	6 - 25	6 - 16	6 - 16 6 - 16
2 conductors (of the same type)	[mm <sup>2</sup> ]	2.5 - 10	2.5 - 6	4 - 6 -
<b>General data</b>				
Stripping length	[mm]			
Flammability rating in accordance with UL 94				

#### Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
<b>Terminal block</b>	gray	UTN 16	① 3245053	50
	blue			
<b>Ground terminal</b>	green-yellow			

ERC

#### Technical data<sup>1)</sup>

Dimensions		Width	Length	Height
	[mm]	12.2	51	50.5 (NS 35/7,5)
Maximum electrical data		$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ] AWG (UL)
Maximum bridge current	[A]	76	400	6 - 25 -
<b>Rated data</b>		101		
Rated voltage	[V]	IEC	UL / CUL	CSA Ex
Nominal current / cross section	[A] / [mm <sup>2</sup> ]	400	- / -	- / - - / -
Cross section range	AWG	76 / 16	- / -	- / - - / -
<b>Connection capacity</b>		10 - 4	-	-
		Rigid	Flexible	Ferrule without/with plastic sleeve
1 conductor	[mm <sup>2</sup> ]	6 - 25	6 - 16	6 - 16 6 - 16
2 conductors (of the same type)	[mm <sup>2</sup> ]	2.5 - 10	2.5 - 6	4 - 6 -
<b>General data</b>				
Stripping length	[mm]			
Flammability rating in accordance with UL 94				

#### Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
<b>Terminal block</b>	gray	UTI 16	① 3073827	50
	blue	UTI 16 BU	① 3075728	50
<b>Ground terminal</b>	green-yellow	UTI 16-PE	② 3073830	50

# Terminal blocks – CLIPLINE complete

## 35 mm<sup>2</sup> UT screw connection terminal blocks

### General technical data

<b>Rated data</b>		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm <sup>2</sup> ]	35			
Cross section range	AWG	16 - 1/0			
<b>Connection capacity</b>		Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	[mm <sup>2</sup> ]	1.5 - 50	1.5 - 50	1.5 - 35	1.5 - 35
2 conductors (of the same type)	[mm <sup>2</sup> ]	1.5 - 16	1.5 - 10	1.5 - 10	-
2 flexible conductors with a TWIN ferrule	[mm <sup>2</sup> ]	-	-	-	1.5 - 16
<b>General data</b>					
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:



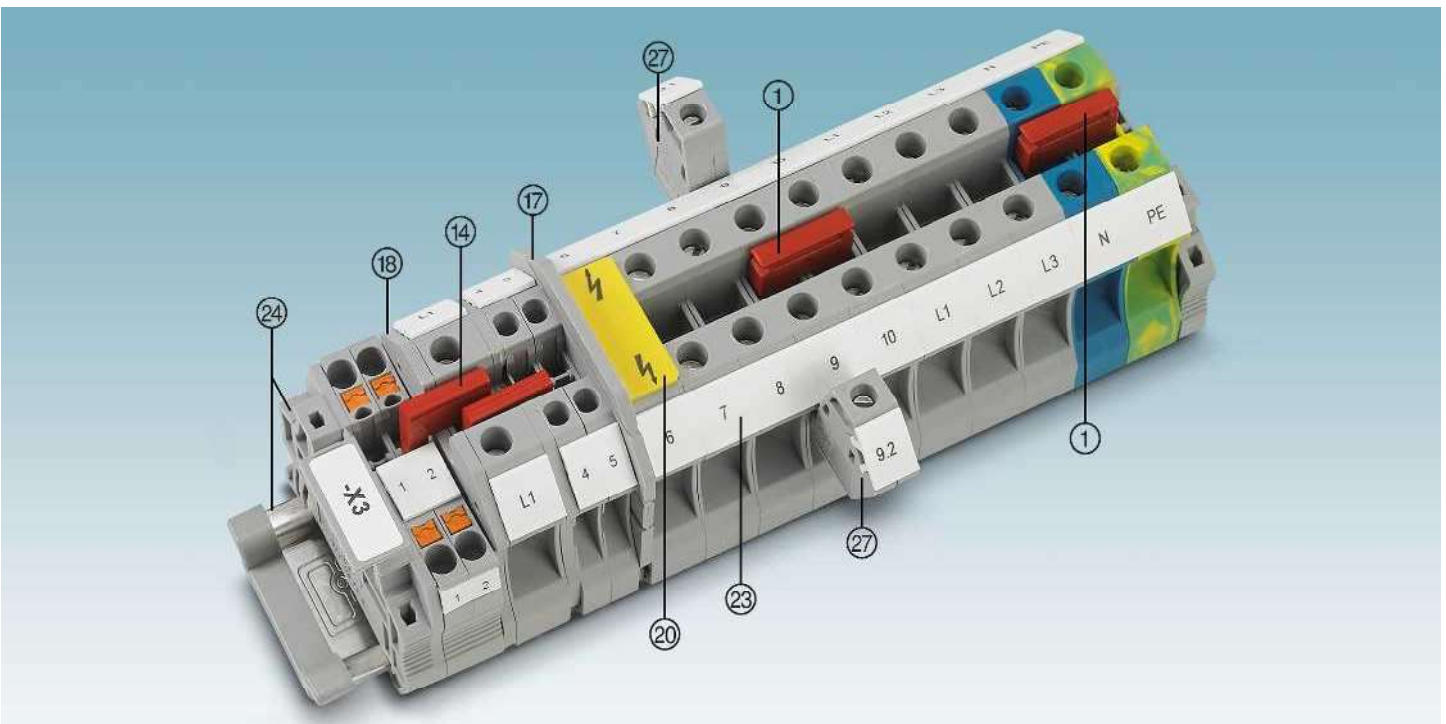
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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

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

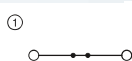
### System accessories



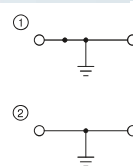
Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① Bridge <sup>1)</sup>	2	red	FBS 2-16	3005963	10			
② Tap-off terminal block		gray	AGK 4-UT 35	3047138	50			
Screwdriver			SZS 1,0X6,5 VDE	1205079	10			
⑭ Reducing bridge			For RB ..., see page 408.					
⑰ Partition plates/end 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 16, UCT-TM 16 or ZB 16,3. 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 186.  
 For information on installation and using accessories for Ex applications, see page 678.



150 A, feed-through terminal block



Ground terminal

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

Technical data <sup>1)</sup>				
Width	Length	Height		
16	61.2	65.7 (NS 35/7,5)		
$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
150	1000	1.5 - 50	14	
Maximum bridge current	101 [A]			
Rated data				
IEC	UL / CUL	CSA	Ex	
1000	1000	1000	690	
Nominal current / cross section	[A] / [mm <sup>2</sup> ]			
125 / 35	150 / - 150 / - 123 / 35			
Cross section range	AWG			
16 - 1/0	-			
Connection capacity				
Rigid	Flexible	Ferrule without/with plastic sleeve		
1.5 - 50	1.5 - 50	1.5 - 35	1.5 - 35	

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

Technical data <sup>1)</sup>				
Width	Length	Height		
16	61.2	65.7 (NS 35/7,5)		
$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
101	1000	1.5 - 35	14-2	
Maximum bridge current	101 [A]			
Rated data				
IEC	UL / CUL	CSA	Ex	
-	-	-	-	
Nominal current / cross section	[A] / [mm <sup>2</sup> ]			
- / 35	- / - - / - - / 35			
Cross section range	AWG			
16 - 2	-			
Connection capacity				
Rigid	Flexible	Ferrule without/with plastic sleeve		
1.5 - 35	1.5 - 35	1.5 - 35	1.5 - 35	

Description	Color
Terminal block	gray blue
Ground terminal	green-yellow
With screw foot	green-yellow

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

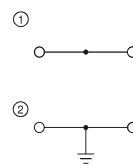
Ordering data			
Type	Order No.	Pcs./Pkt.	
UT 35-PE	3044241	50	
UT 35-PE/S	3215928	50	

### 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<sup>1)</sup>**

Technical data <sup>1)</sup>				
Width	Length	Height		
15	55	51 (NS 35/7,5) / 56 (NS 32)		
$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
110	400	0.75 - 35	-	
Maximum bridge current	-			
Rated data				
IEC	UL / CUL	CSA	Ex	
400	-	-	-	
Nominal current / cross section	[A] / [mm <sup>2</sup> ]			
110 / 35	- / - - / - / -			
Cross section range	AWG			
18 - 2	-			
Connection capacity				
Rigid	Flexible	Ferrule without/with plastic sleeve		
0.75 - 35	0.75 - 35	0.75 - 35	0.75 - 35	
2 conductors (of the same type)	0.75 - 10	0.75 - 10	0.75 - 10	
General data				
Stripping length	16 [mm]			
Flammability rating in accordance with UL 94	V2			

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

**Technical data<sup>1)</sup>**

Technical data <sup>1)</sup>				
Width	Length	Height		
15.2	55	51 (NS 35/7,5) / 56 (NS 32)		
$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
125	800	0.75 - 35	-	
Maximum bridge current	135 [A]			
Rated data				
IEC	UL / CUL	CSA	Ex	
800	-	-	-	
Nominal current / cross section	[A] / [mm <sup>2</sup> ]			
125 / 35	- / - - / - / -			
Cross section range	AWG			
18 - 2	-			
Connection capacity				
Rigid	Flexible	Ferrule without/with plastic sleeve		
0.75 - 35	0.75 - 35	0.75 - 35	0.75 - 35	
2 conductors (of the same type)	0.75 - 10	0.75 - 10	0.75 - 10	
General data				
Stripping length	16 [mm]			
Flammability rating in accordance with UL 94	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 mm<sup>2</sup> UKH screw connection terminal blocks

### General technical data

<b>Rated data</b>		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm <sup>2</sup> ]	50			
Cross section range	AWG	6 - 2/0			
<b>Connection capacity</b>		Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	[mm <sup>2</sup> ]	16 - 70	25 - 70	25 - 50	25 - 50
2 conductors (of the same type)	[mm <sup>2</sup> ]	10 - 16	10 - 16	10 - 16	-
2 flexible conductors with a TWIN ferrule	[mm <sup>2</sup> ]	-	-	-	-
<b>General data</b>					
Stripping length	[mm]	24			
Screw thread		M6			
Tightening torque	[Nm]	6 - 8			
Insulating material		PA			
Flammability rating in accordance with UL 94		V0			

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

### Notes:



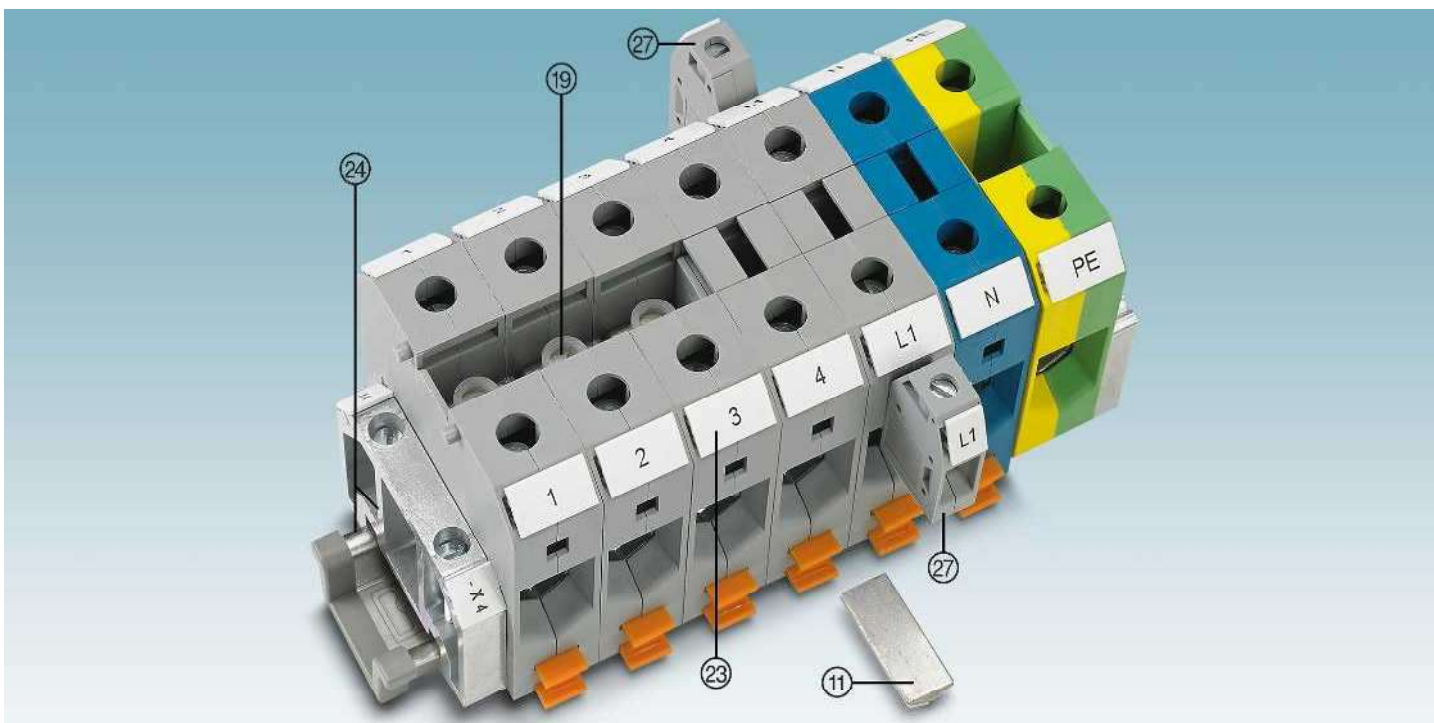
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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

) 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.
⑨ Fixed bridge <sup>1)</sup>	2	silver	FBI 2-20	0201346	10			
	3	silver	FBI 3-20	0201317	10			
⑩ Insertion profile for flat conductor connection, see page 682		silver	UKH 50 EP	3009228	10			
⑫ Tap-off terminal block		gray	AGK 10-UKH 50	3001763	10			
Screwdriver			SZS 1,2X8,0 VDE	1205082	10			

⑬ Lateral groove labeling

⑭ DIN rail and end bracket

For full accessories, visit phoenixcontact.net/products

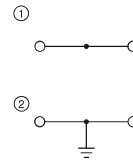
UC-TM 10, UCT-TM 10 or ZB 10. See also Catalog 3, selection tables, from page 60.

See Catalog 3

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

#### Technical data<sup>1)</sup>

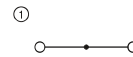
Dimensions		Width	Length	Height
	[mm]	20	70.5	83.5 (NS 35/15) / 81 (NS 32)
Maximum electrical data		$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ] AWG (UL)
Maximum bridge current	[A]	150	1000	16 - 70 6
Rated data		IEC	UL / CUL	CSA Ex
Rated voltage	[V]	1000	600	600 690
Nominal current / cross section	[A] / [mm <sup>2</sup> ]	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 data<sup>1)</sup>

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

### General technical data

<b>Rated data</b>		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm <sup>2</sup> ]	70			
Cross section range	AWG	4 - 3/0			
<b>Connection capacity</b>		Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	[mm <sup>2</sup> ]	16 - 95	25 - 70	16 - 70	16 - 70
2 conductors (of the same type)	[mm <sup>2</sup> ]	16 - 25	16 - 25	16 - 25	-
2 flexible conductors with a TWIN ferrule	[mm <sup>2</sup> ]	-	-	-	-
<b>General data</b>					
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:



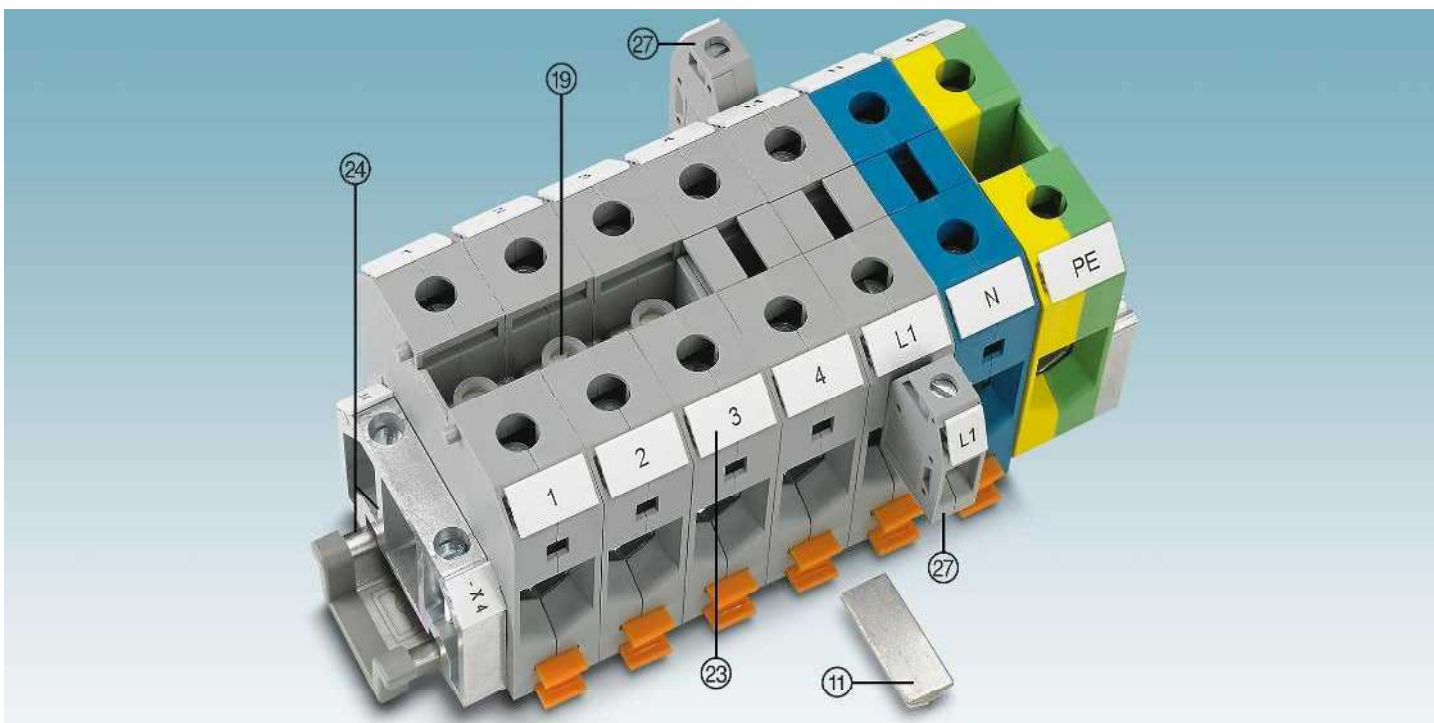
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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

) 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.
Ⓢ Fixed bridge <sup>1)</sup>	2	silver	FBI 2-20 N	3213195	10			
	3	silver	FBI 3-20 N	3213205	10			
Ⓜ Insertion profile for flat conductor connection, see page 682		silver	UKH 50 EP	3009228	10			
Ⓡ Tap-off terminal block		gray	AGK 10-UKH 50	3001763	10			
Allen key			SF-THEX 6-200	1212642	5			

Ⓢ Lateral groove labeling

Ⓜ DIN rail and end bracket

For full accessories, visit phoenixcontact.net/products

UC-TM 10, UCT-TM 10 or ZB 10. See also Catalog 3, selection tables, from page 60.

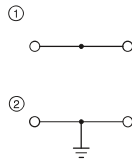
See Catalog 3

Note: Additional or deviating accessories are listed alongside the respective product.

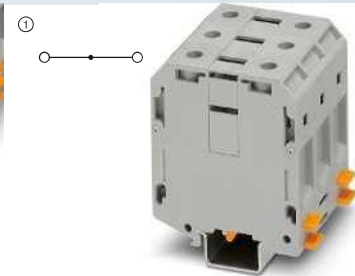


### High-current terminal blocks

**Notes:**  
 1) For additional accessories and technical data, see page 190.  
 For information on installation and using accessories for Ex applications, see page 678.



192 A, feed-through terminal block



192 A, terminal block base

Ex: 
  
 SEV12ATEX0168U / IECEx SEV12.0008U

Dimensions	[mm]
Width	20.3
Length	70.5
Height	80 (NS 35/7,5) / 85 (NS 32)

Maximum electrical data	[A]
Maximum bridge current	192

Rated data	[V]
Rated voltage	1000

Nominal current / cross section	[A] / [mm <sup>2</sup> ]
	192 / 70

Technical data <sup>1)</sup>			
Width	Length	Height	
20.3	70.5	80 (NS 35/7,5) / 85 (NS 32)	
I <sub>max</sub> [A]	U <sub>max</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)
192	1000	16 - 95	6
IEC	UL / CUL	CSA	Ex
1000	1000	1000	880
192 / 70	192 / -	192 / -	180 / 70

Technical data <sup>1)</sup>			
Width	Length	Height	
60.9	70.5	87.5 (NS 35/15) / 85 (NS 32)	
I <sub>max</sub> [A]	U <sub>max</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)
192	1000	16 - 95	6
IEC	UL / CUL	CSA	Ex
1000	1000	-	-
192 / 70	192 / -	- / -	- / -

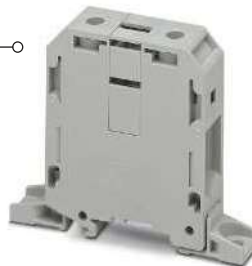
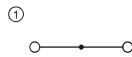
Description	Color
<b>Terminal block</b>	gray
	blue
<b>Terminal block, voltage 1500 V</b>	gray
<b>Ground terminal</b>	green-yellow
<b>Terminal block base, 3 x gray</b>	gray
3 x gray, 1 x blue	gray/blue
3 x gray, 1 x black-yellow	gray/black-yellow
3 x gray, 1 x blue, 1 x black-yellow	gray/blue/black-yellow

Ordering data			
Type	Order No.	Pcs./Pkt.	
<b>UKH 70</b>	① 3213140	10	
<b>UKH 70 BU</b>	① 3244601	10	
<b>UKH 70 1500V</b>	① 3247461	10	
<b>UKH 70-PE/S</b>	② 3213141	10	

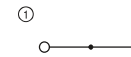
Ordering data			
Type	Order No.	Pcs./Pkt.	
<b>UKH 70-3L</b>	① 3076329	4	
<b>UKH 70-3L/N</b>	① 3076361	3	
<b>UKH 70-3L/FE</b>	① 3076400	3	
<b>UKH 70-3L/N/FE</b>	① 3076442	2	

### High-current terminal blocks for direct mounting

**Notes:**  
 1) For additional accessories and technical data, see page 190.



192 A, feed-through terminal block for direct mounting



192 A, terminal block base for direct mounting

Dimensions	[mm]
Width	20.3
Length	103.4
Height	80

Maximum electrical data	[A]
Maximum bridge current	192

Rated data	[V]
Rated voltage	1000

Nominal current / cross section	[A] / [mm <sup>2</sup> ]
	192 / 70

Technical data <sup>1)</sup>			
Width	Length	Height	
20.3	103.4	80	
I <sub>max</sub> [A]	U <sub>max</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)
192	1000	16 - 95	6
IEC	UL / CUL	CSA	Ex
1000	1000	-	-
192 / 70	192 / -	- / -	- / -

Technical data <sup>1)</sup>			
Width	Length	Height	
60.9	103.4	80	
I <sub>max</sub> [A]	U <sub>max</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)
192	1000	16 - 95	6
IEC	UL / CUL	CSA	Ex
1000	1000	-	-
192 / 70	192 / -	- / -	- / -

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

Ordering data			
Type	Order No.	Pcs./Pkt.	
<b>UKH 70-F</b>	① 3247051	10	

Ordering data			
Type	Order No.	Pcs./Pkt.	
<b>UKH 70-3L-F</b>	① 3076484	4	
<b>UKH 70-3L/N-F</b>	① 3076523	3	
<b>UKH 70-3L/FE-F</b>	① 3076565	3	
<b>UKH 70-3L/N/FE-F</b>	① 3076604	2	

# Terminal blocks – CLIPLINE complete

## 70 mm<sup>2</sup> UKH screw connection terminal blocks

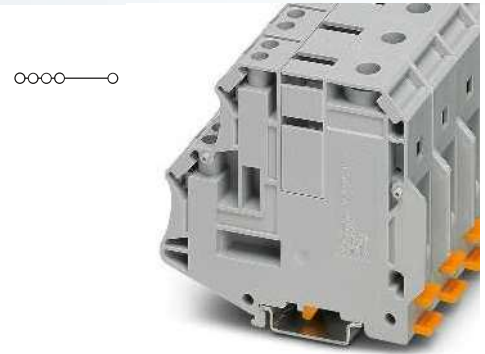
### High-current terminal blocks

#### Notes:

For additional accessories and technical data, see page 190



- Compact high-current terminal blocks with 1500 V nominal voltage
- For use in renewable power generation – specifically in photovoltaics
- Four integrated pick-off terminal blocks with a 10 mm<sup>2</sup> cross section for a simple power supply or potential distribution
- Compact, space-saving design
- Bridgeable with screw-type bridges for easy potential distribution
- Large-surface marking options



192 A, potential collective terminal, 4 inputs 10 mm<sup>2</sup>

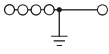


<b>Dimensions</b>	[mm]	20.3	88.5	80
<b>Dimensions</b>	[mm]	20.3	88.5	87.5
<b>Dimensions</b>	[mm]	20.3	88.5	85
<b>Maximum electrical data</b>				
<b>Rated data</b>				
Rated voltage	[V]	1500	-	-
Nominal current / cross section	[A] / [mm <sup>2</sup> ]	192 / -	- / -	- / -
Rated cross section	[mm <sup>2</sup> ]	70	-	-
Cross section range	AWG	4 - 3/0	-	-
<b>Supply connection capacity</b>				
1 conductor	[mm <sup>2</sup> ]	16 - 95	25 - 70	16 - 70
2 conductors (of the same type)	[mm <sup>2</sup> ]	16 - 25	16 - 25	16 - 25
<b>Branch connection capacity</b>				
1 conductor	[mm <sup>2</sup> ]	1.5 - 16	1.5 - 10	1.5 - 10
2 conductors (of the same type)	[mm <sup>2</sup> ]	1.5 - 2.5	1.5 - 2.5	1.5 - 2.5

Technical data				
Width	Length	Height NS 35/7,5		
20.3	88.5	80		
Width	Length	Height NS 35/15		
20.3	88.5	87.5		
Width	Length	Height NS 32		
20.3	88.5	85		
I <sub>max</sub> [A]	U <sub>max</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
192	1500	16 - 95	-	
IEC 60947-7-1				
IEC	UL	CSA	IEC/EN 60079-7	
<b>Rigid</b>				
<b>Flexible</b>				
<b>Ferrule</b>				
without/with plastic sleeve				
16 - 95	25 - 70	16 - 70	16 - 70	
16 - 25	16 - 25	16 - 25	-	
<b>Rigid</b>				
<b>Flexible</b>				
<b>Ferrule</b>				
without/with plastic sleeve				
1.5 - 16	1.5 - 10	1.5 - 10	1.5 - 6	
1.5 - 2.5	1.5 - 2.5	1.5 - 2.5	-	

Description	Color
<b>Terminal block</b>	gray blue
<b>Ground terminal</b>	green-yellow

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



### 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 <sup>2</sup> ]	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 mm<sup>2</sup> UKH screw connection terminal blocks

### General technical data

<b>Rated data</b>		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm <sup>2</sup> ]	95			
Cross section range	AWG	4 - 3/0			
<b>Connection capacity</b>		Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	[mm <sup>2</sup> ]	25 - 95	35 - 95	35 - 95	35 - 95
2 conductors (of the same type)	[mm <sup>2</sup> ]	25 - 35	25 - 35	16 - 35	-
2 flexible conductors with a TWIN ferrule	[mm <sup>2</sup> ]	-	-	-	-
Max. cross section with insertion bridge	[mm <sup>2</sup> ]	95	70	-	-
<b>General data</b>					
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:



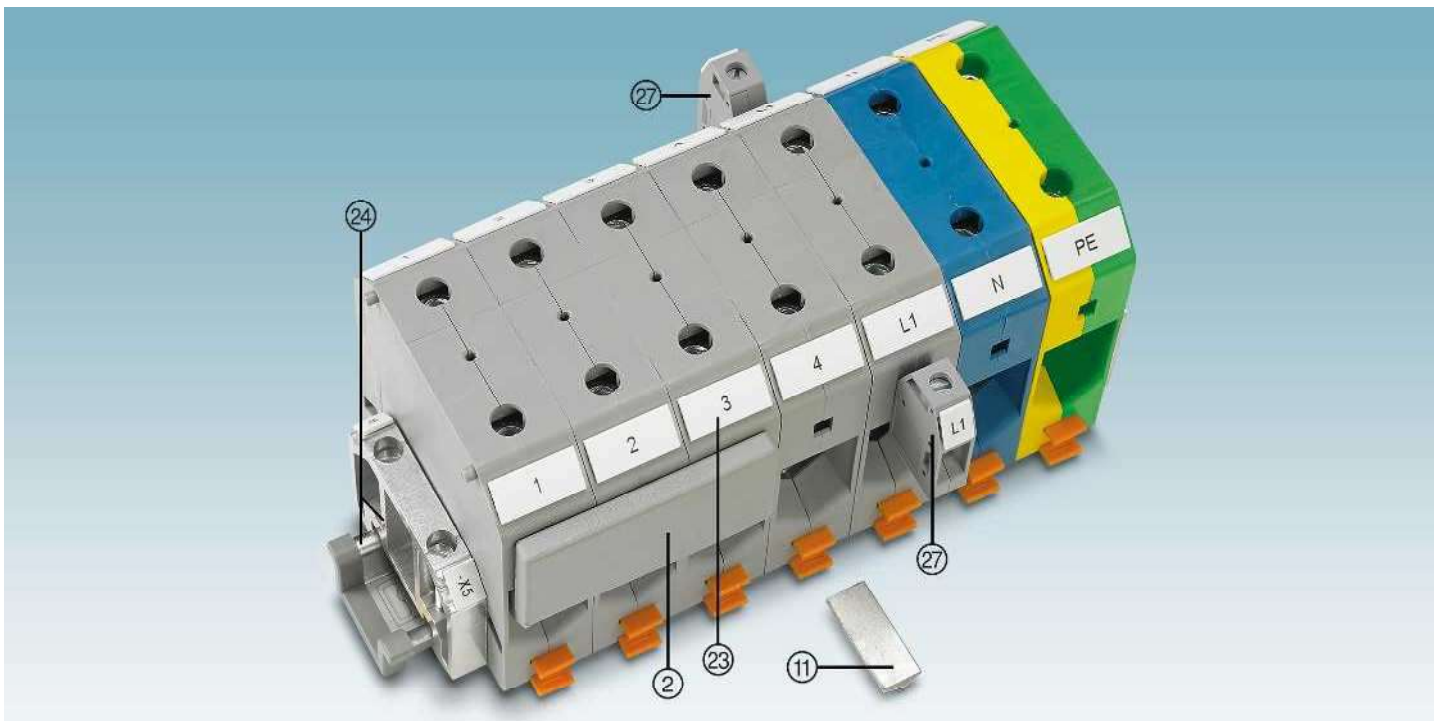
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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

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

### System accessories

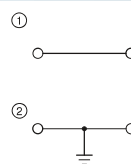


Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
② Insertion bridge <sup>1)</sup>	2	gray	EB 2-25/UKH	0201362	10			
	3	gray	EB 3-25/UKH	0201375	10			
⑪ Insertion profile for flat conductor connection, see page 682		silver	UKH 95 EP	3009231	10			
⑲ Tap-off terminal block		gray	AGK 10-UKH 95	3003541	10			
Allen key			SF-THEX 6-200	1212642	5			

⑳ Lateral groove labeling	UC-TM 10, UCT-TM 10 or ZB 10. 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.

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

#### Technical data<sup>1)</sup>

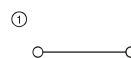
Dimensions		Width	Length	Height	
	[mm]	25	83	97.5 (NS 35/15) / 95 (NS 32)	
Maximum electrical data		I <sub>max</sub> [A]	U <sub>max</sub> [V]	max. Ø [mm <sup>2</sup> ] AWG (UL)	
		232	1000	25 - 95 2	
Maximum bridge current		232 [A]			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage		1000 [V]	600	600	880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



#### Technical data<sup>1)</sup>

Dimensions		Width	Length	Height	
	[mm]	25	118.8	90	
Maximum electrical data		I <sub>max</sub> [A]	U <sub>max</sub> [V]	max. Ø [mm <sup>2</sup> ] AWG (UL)	
		232	1000	25 - 95 2	
Maximum bridge current		232 [A]			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage		1000 [V]	600	-	-
Nominal current / cross section		232 / 95 [A] / [mm <sup>2</sup> ]	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 mm<sup>2</sup> UKH screw connection terminal blocks

### General technical data

Rated data		IEC 60947-7-1			
Rated cross section	[mm <sup>2</sup> ]	150			
Cross section range	AWG	2 - 300 kcmil			
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	[mm <sup>2</sup> ]	35 - 150	50 - 150	50 - 150	50 - 150
2 conductors (of the same type)	[mm <sup>2</sup> ]	25 - 50	35 - 50	25 - 50	-
2 flexible conductors with a TWIN ferrule	[mm <sup>2</sup> ]	-	-	-	-
Max. cross section with insertion bridge	[mm <sup>2</sup> ]	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:



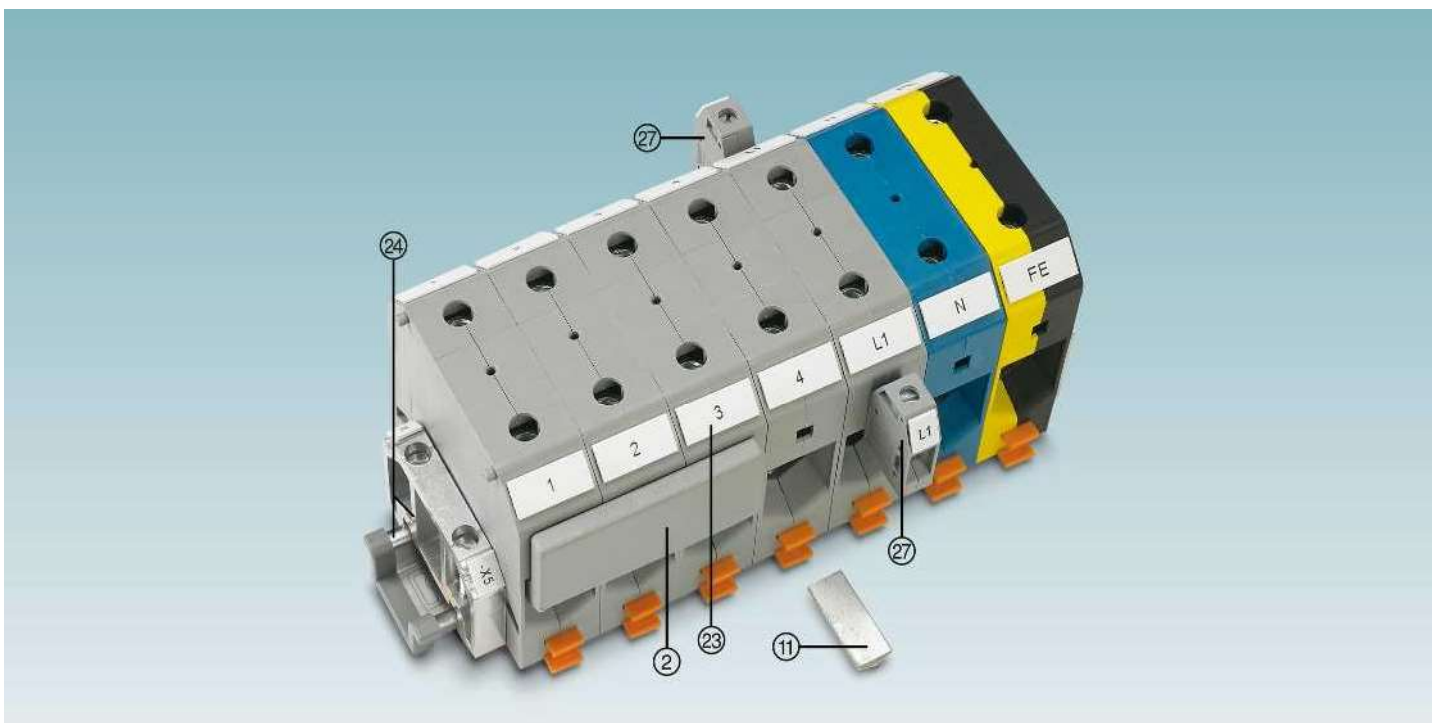
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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

) 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 <sup>1)</sup>	2	gray	EB 2-31/UKH	0201388	10			
	3	gray	EB 3-31/UKH	0201391	10			
⑪ Insertion profile for flat conductor connection, see page 682		silver	UKH 150/240 EP	3009244	10			
⑲ Tap-off terminal block		gray	AGK 10-UKH 150/240	3003554	10			
Allen key			SF-THEX 8-200	1212643	5			

⑲ Lateral groove labeling

⑲ DIN rail and end bracket

For full accessories, visit phoenixcontact.net/products

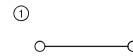
UC-TM 10, UCT-TM 10 or ZB 10. See also Catalog 3, selection tables, from page 60.

See Catalog 3

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: Ex IIB T4 Gb EAC Ex IEC Ex  
 KEMA 99ATEX8332 U / IECEX KEM 06.0030U

#### Technical data<sup>1)</sup>

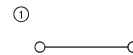
Dimensions		Width	Length	Height
	[mm]	31	100	118.5 (NS 35/15) / 116 (NS 32)
Maximum electrical data		$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ] AWG (UL)
		309	1000	35 - 150 2-300
	Maximum bridge current [A]	232		
Rated data		IEC	UL / CUL	CSA Ex
	Rated voltage [V]	1000	600	600 1100
	Nominal current / cross section [A] / [mm <sup>2</sup> ]	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 data<sup>1)</sup>

Dimensions		Width	Length	Height
	[mm]	31	136.1	111
Maximum electrical data		$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ] AWG (UL)
		309	1000	35 - 150 2-300
	Maximum bridge current [A]	232		
Rated data		IEC	UL / CUL	CSA Ex
	Rated voltage [V]	1000	600	- -
	Nominal current / cross section [A] / [mm <sup>2</sup> ]	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 mm<sup>2</sup> UKH screw connection terminal blocks

### General technical data

<b>Rated data</b>		IEC 60947-7-1			
Rated cross section	[mm <sup>2</sup> ]	240			
Cross section range	AWG	2/0 - 500 kcmil			
<b>Connection capacity</b>		Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	[mm <sup>2</sup> ]	70 - 240	70 - 240	70 - 185	70 - 185
2 conductors (of the same type)	[mm <sup>2</sup> ]	35 - 95	50 - 95	35 - 50	-
2 flexible conductors with a TWIN ferrule	[mm <sup>2</sup> ]	-	-	-	-
Max. cross section with insertion bridge	[mm <sup>2</sup> ]	240	185	-	-
<b>General data</b>					
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:



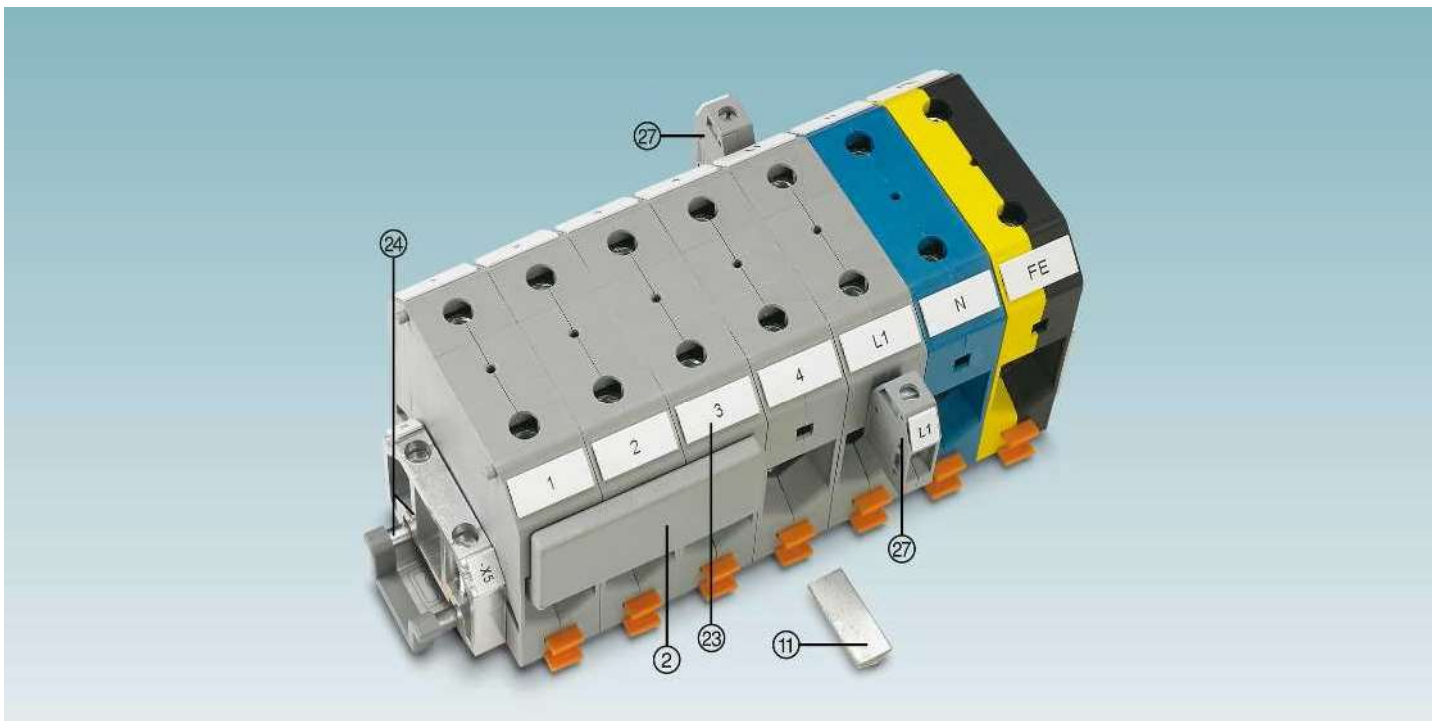
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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

) 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 <sup>1)</sup>	2	gray	EB 2-36/UKH	0201401	10			
	3	gray	EB 3-36/UKH	0201414	10			
⑪ Insertion profile for flat conductor connection, see page 682		silver	UKH 150/240 EP	3009244	10			
⑲ Tap-off terminal block		gray	AGK 10-UKH 150/240	3003554	10			
Allen key			SF-THEX 8-200	1212643	5			

⑲ Lateral groove labeling

⑲ DIN rail and end bracket

For full accessories, visit phoenixcontact.net/products

UC-TM 10, UCT-TM 10 or ZB 10. See also Catalog 3, selection tables, from page 60.

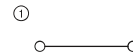
See Catalog 3

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 Ex  
 KEMA 99ATEX8332 U / IECEx KEM 06.0030U

#### Technical data<sup>1)</sup>

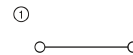
Dimensions		Width	Length	Height
	[mm]	36	100	131.5 (NS 35/15) / 129 (NS 32)
Maximum electrical data		$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ] AWG (UL)
		415	1000	70 - 240 500
	Maximum bridge current [A]	382		
Rated data		IEC	UL / CUL	CSA Ex
	Rated voltage [V]	1000	600	600 1100
	Nominal current / cross section [A] / [mm <sup>2</sup> ]	415 / 240	380 / -	400 / - 350 / 240

#### Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	gray	UKH 240	3010217	3
	blue	UKH 240 BU	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 data<sup>1)</sup>

Dimensions		Width	Length	Height
	[mm]	36	136.1	124
Maximum electrical data		$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ] AWG (UL)
		415	1000	70 - 240 500
	Maximum bridge current [A]	382		
Rated data		IEC	UL / CUL	CSA Ex
	Rated voltage [V]	1000	600	- -
	Nominal current / cross section [A] / [mm <sup>2</sup> ]	415 / 240	380 / -	- / - - / -

#### Ordering data

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