

PT Push-in connection terminal blocks

The PT Push-in connection terminal blocks from the CLIPLINE complete system have been developed for direct conductor connection and offer a wide range of application options. Easy handling and direct, tool-free connection with up to 50 percent lower insertion forces are the key advantages of this terminal technology. When rigid conductors from 0.25 mm² or conductors with ferrules from 0.34 mm² are inserted, the contact spring is automatically opened. This provides the required pressure force against the current bar.

The integrated push button allows you to release conductors or to connect small conductor cross sections from 0.14 mm² with any type of tool easily and without direct contact with live parts.

The PT connection technology has been tested and approved for a range of approvals. These include, for example, vibration resistance in accordance with railway standard EN 50155 and shock and corrosion resistance in accordance with current shipbuilding registers. It is also certified for process engineering in areas with increased safety (Ex e).

i Your web code: #1126

Product range overview

1.5 mm²

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2.5 mm²

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4 mm²

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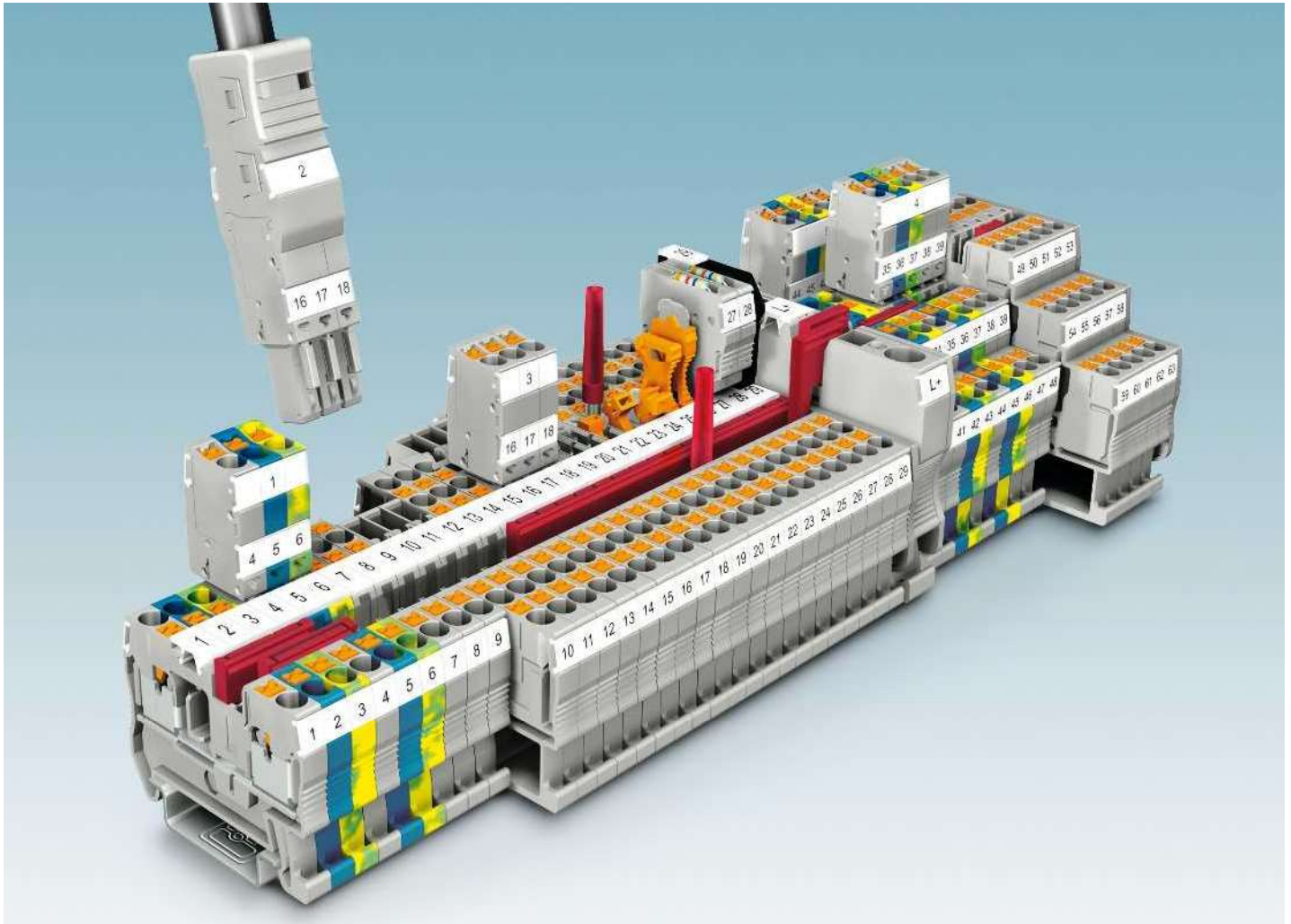
6 mm²

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10 mm², 16 mm², and 35 mm²

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i Your web code: #1126



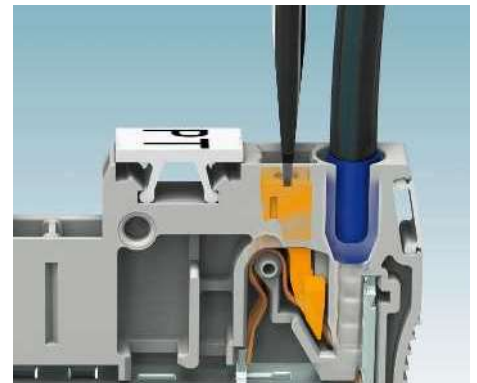
Push-in connection technology

The PT series is characterized by the easy, direct conductor connection and makes consistent use of the benefits of the CLIPLINE complete system.



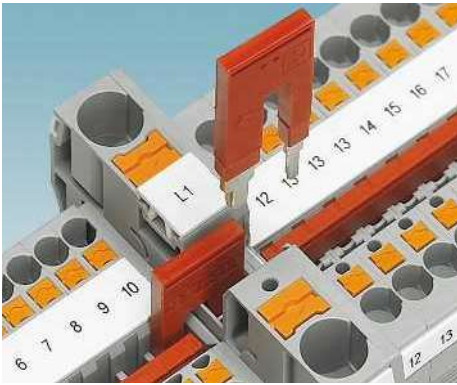
Easy insertion

Up to 50% reduction in insertion forces permits easy and direct insertion of rigid and flexible conductors with ferrules with a cross section of 0.25 mm² or greater. Flexible conductors can be connected without ferrules using the push button.

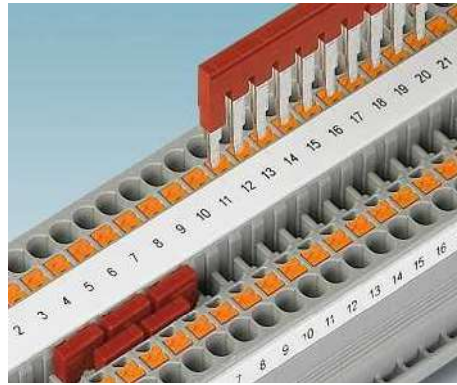


Latch function

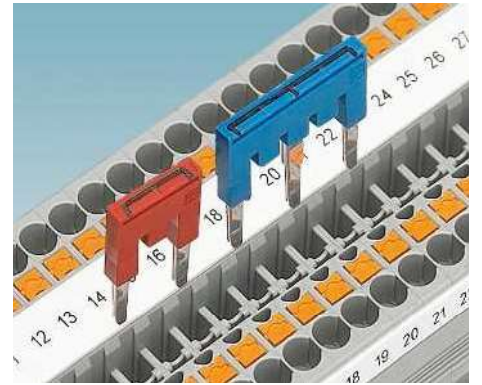
The integrated button allows connected conductors to be released using any type of tool easily and without direct contact with live parts.



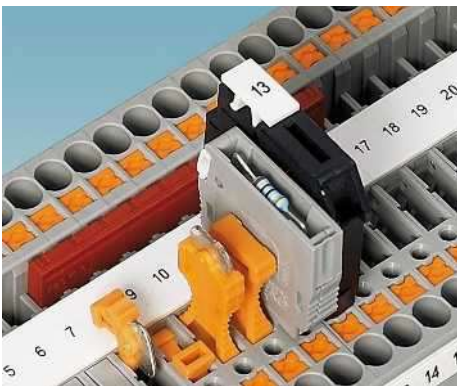
The reducing bridge enables terminal blocks with different nominal cross sections to be connected easily, e.g., a PT 10 Push-in terminal block to a PT 2.5. Power blocks can be created quickly using the reducing bridge.



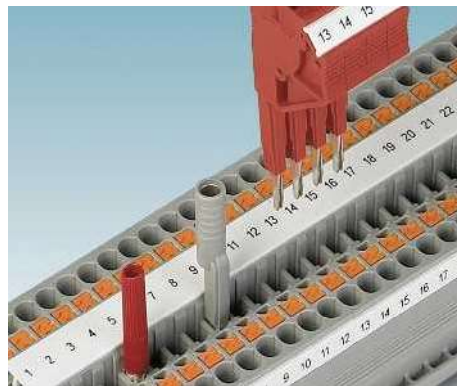
The double function shaft can be used to connect any number of terminal blocks with two-position bridges. The 2- to 50-pos. bridges allow up to 50 terminal blocks to be bridged in one step.



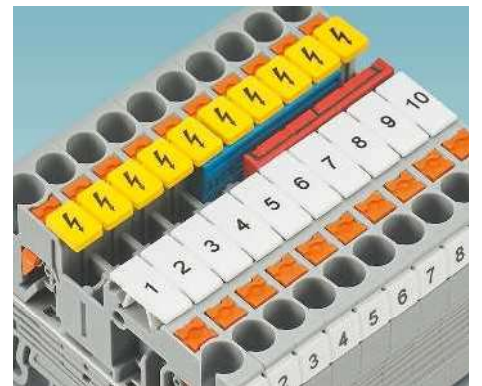
Bridging between non-adjacent terminal blocks is established by removing individual contact tabs from the standard bridge. Two potentials can then be routed in parallel through a terminal strip. The contact points can also be marked.



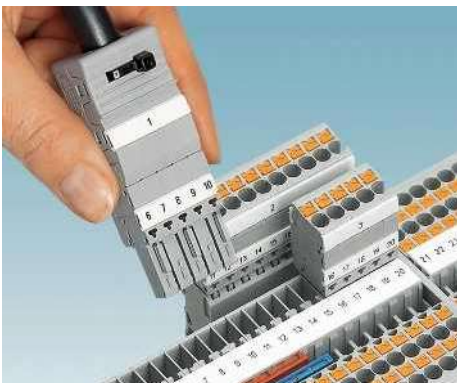
The isolated feed-through connector P-FIX, isolating connector P-DI, component connector P-CO and the cartridge fuse connector P-FU can be used in the universal plug-in zone of the disconnect terminal block.



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.



Warning labels are available for the clear marking of mains connections. These are plugged into the 2.3 mm wide test holes on the PT terminal blocks, latch reliably into place, and are also form-fitting.



Push-in COMBI terminal blocks are available for the plug-in configuration of signal wiring. The system is touch-proof and offers plugs for self-assembly with extensive accessories.



Automotive flat-type fuse terminal blocks with 4 mm² conductor connection are available in the same shape as the feed-through terminal blocks. All terminal blocks can be consistently bridged with one another with the double function shaft.

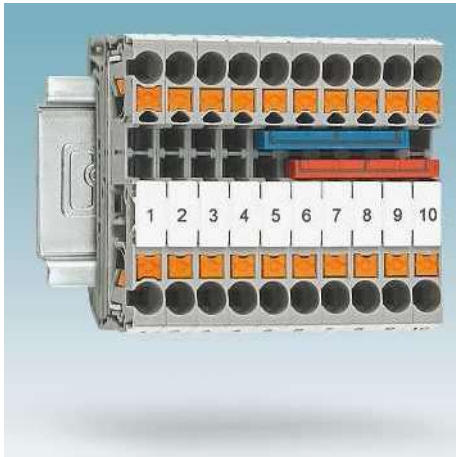


The compact lever-type fuse terminal blocks are the same shape as the feed-through terminal blocks. They can be consistently marked and bridged. A time-saving potential distribution is easily created using bridging between non-adjacent terminal blocks.

Terminal blocks – CLIPLINE complete

PT Push-in connection terminal blocks

PT ... feed-through and multi-conductor terminal blocks



- Optimum ergonomics for tool-free wiring thanks to the integrated actuation lever
- Easy insertion with pre-assembled conductors from 0.25 mm²
- Clear identification of terminal point and operating area provides optimum protection against wiring errors
- Universal handling using any suitable tool
- Double function shafts for potential distribution
- Individual testing facility for every current path

i Your web code: **#0068**

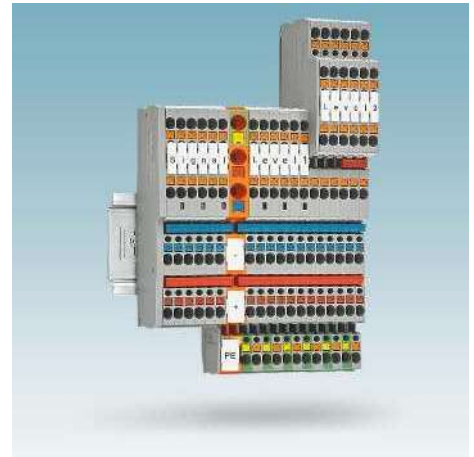
PTTB ... multi-level terminal blocks



- Space-saving with several individual potentials housed in a single terminal housing
- Easy potential distribution, whereby function shafts at each level and individually usable level bridges turn a multi-level terminal block into a potential distributor
- Versions with plug-in COMBI connections guarantee maximum modularity and flexibility
- For motor connections, versions are available with up to three phases and PE in just one housing
- Clear wiring, thanks to marking option on each terminal point

i Your web code: **#1391**

PTIO ... three-conductor initiator/actuator terminal blocks



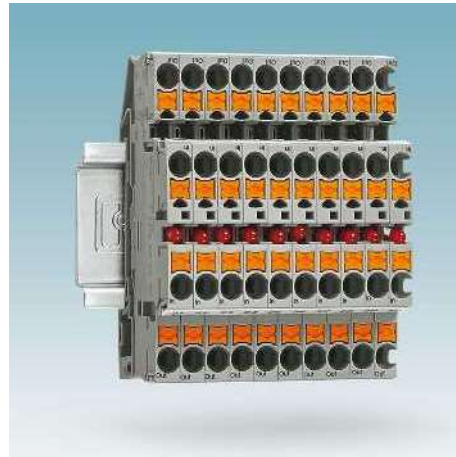
- Space-saving wiring of initiators and actuators with an overall width of just 3.5 mm
- Compact design for maximum signal density
- Power terminals enable individual distribution of the positive and negative potential via FBS ... bridges
- Versions with LED display indicate switching states
- Large-surface marking of the wiring levels

i Your web code: **#0069**

PTME ... test disconnect terminal blocks

- Convenient wiring of current transformer measuring circuits
- Safe longitudinal and perpendicular disconnection of the current paths
- The switch units are latched in the respective limit positions
- Unintentional switching is prevented by means of optional switching locks
- Up to six function shafts integrated per terminal block for potential distribution and testing

i Your web code: **#0071**

PTTB ...BE component terminal blocks

- Component terminal blocks can be used for complex switching tasks in all applications
- Individual and convenient integration of components such as diodes, resistors, LEDs, and fuses into circuits
- Huge product variety with selectable prefabricated or retrofittable versions
- Maximum flexibility and modularity with solder-free, self-assembled, and pre-assembled component connectors for basic terminal blocks with disconnect function
- Maximum safety requirements are taken into consideration. Printed circuit diagrams and symbols reduce the risk of faulty wiring considerably

i Your web code: **#1392**

PT ... and PTT ... knife disconnect terminal blocks

- Convenient disconnection of measuring and closed-loop control circuits by means of a disconnect knife
- Disconnect knife reliably snapped into the limit positions
- Flexible testing facilities on both sides of the disconnect point
- Optional snap-in switching lock effectively prevents unintentional switching
- Universal disconnect zone for also accommodating isolating plugs, feed-through connectors, component connectors, and fuse plugs

i Your web code: **#0070**

Terminal blocks – CLIPLINE complete

PT Push-in connection terminal blocks

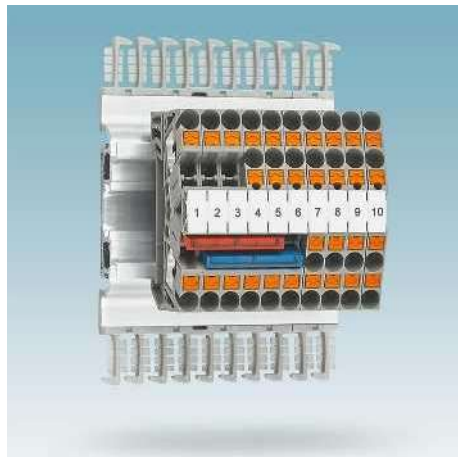
PTU ... hybrid terminal blocks



- PT mixed connection with screw connection technology on one side
- Quick and easy Push-in connection for the internal control cabinet wiring
- Universal screw connection for external wiring by the end user
- Consistent double bridging possible and compatible with all standard terminal blocks
- Internal TWIN connection for compact potential distribution

i Your web code: **#0068**

Feed-through and multi-conductor terminal blocks in PTS ..., PTS ...-TWIN desk design



- Angled design enables minimized bending radii for better conductor routing
- Designed for use on wiring frames instead of typical channel wiring
- Compact design from 3.5 mm horizontal pitch
- Two, three, and four-conductor terminal blocks with the same contour

i Your web code: **#0072**

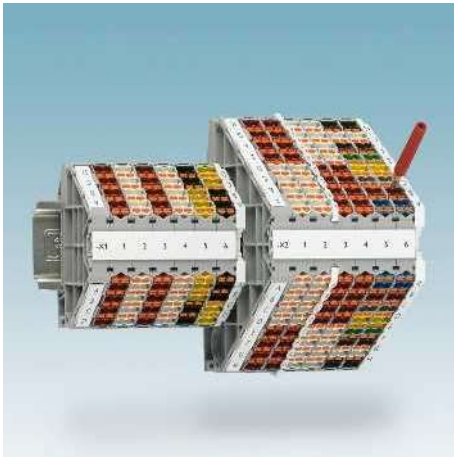
PT ...-HESI fuse terminal blocks



- Easy-access fuse-links are easy to replace
- Easy potential distribution thanks to comprehensive function shafts
- Convenient fuse testing thanks to test points on both sides
- Quick identification of faulty fuses, thanks to LED status indicator
- Versions for use in the Ex area with Ex-nA type of protection

i Your web code: **#1393**

PTRV ... marshalling terminals



- Marshalling terminals with a space-saving design
- Signal wiring on four or eight levels
- Color coding in up to 11 colors for clear identification of the wiring levels
- Patented double connection for reliable contacting
- Testing facility on every double connection

i Your web code: #0160

PTRVB ... potential distributors



- Space-saving potential distribution with up to 32 connections
- Potential distribution blocks can be individually adapted with plug-in bridges for assembly
- Versions with 6 mm² supply option and 32 A
- Versions are available in blue and red for clear assignment
- Large-surface marking options

i Your web code: #0160

PTMC ... marshalling patchboards



- Modular marshalling patchboards with stackable concept
- Front and rear wiring
- Individual color coding of the terminal points
- Easy and clear wiring, thanks to Push-in connection technology
- Convenient testing facility and marking option for the terminal points
- Various mounting methods on different carrier systems

i Your web code: #0161

Terminal blocks – CLIPLINE complete

PT Push-in connection terminal blocks

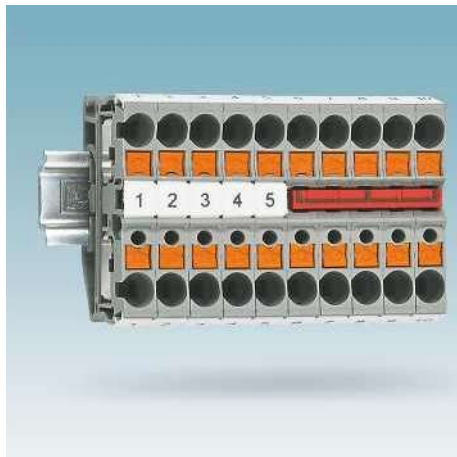
PTI ... installation terminal blocks



- Compact distribution board terminal blocks for single/three-phase applications
- Double function shafts for fast potential distribution on every level
- Fast and reliable neutral conductor disconnection with snap-lock mechanism in the limit positions
- Can be mounted and removed flexibly as a group without having to remove the busbar
- Large-surface marking and testing facility for every terminal point

i Your web code: **#0073**

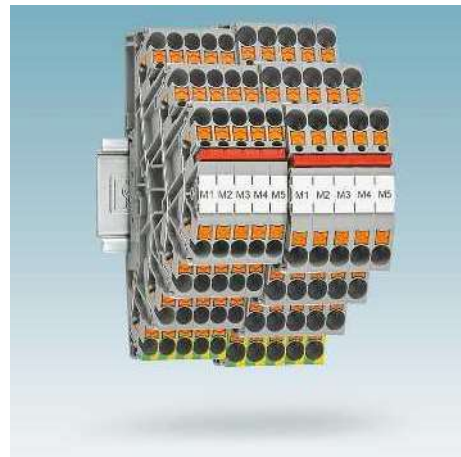
MPT ... miniature terminal blocks



- Miniature terminal block for 15 mm DIN rail systems
- Extremely compact design for use in small control boxes
- Testing facility for every current path
- Can be bridged with the patented FBS ... bridge system
- Protective conductor terminal blocks of the same shape
- Plug-in version with COMBI plug-in connection on one side, e.g., for quick wiring of pre-assembled cables
- Powerful contact up to 24 A

i Your web code: **#0074**

Motor terminal blocks



- Compact four-level terminal blocks for wiring three-phase loads
- Three phases and protective conductor connection in a single terminal block
- Bridging facility on each level for potential distribution or star-delta applications
- Testing facility on each level
- Large-surface marking for every terminal point
- Powerful contact up to 32 A

i Your web code: **#0159**

Hybrid potential collection terminal blocks with PTU ... Push-in and screw connection



- Simple potential collection or distribution
- Compact, space-saving design
- Can be bridged with standard plug-in bridges
- Easy to test with 2.3 mm standard test connection
- Large-surface marking options

i Your web code: **#1394**

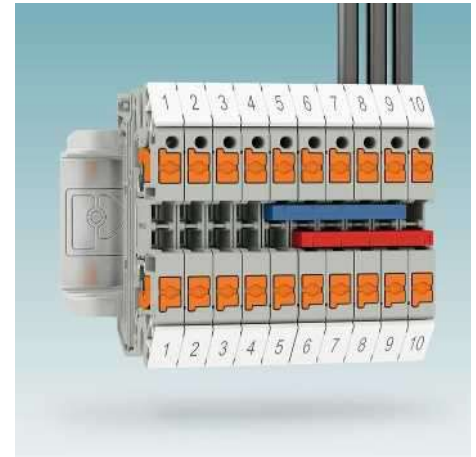
PTPOWER Power-Turn high-current terminal blocks



- High-current spring terminal blocks with patented Power-Turn connection
- Quick and easy wiring of conductor cross sections up to 185 mm²
- Alternative direct plug-in of the conductor, e.g., in confined mounting positions
- Easy potential distribution by means of insertion bridges that can be locked
- Tap-off terminal blocks that can be snapped on from both sides enable voltage tap-off of up to 4 x 16 mm² per terminal block
- Installation on 35 mm DIN rail or as flange solution for direct mounting

i Your web code: **#0158**

PTV ... feed-through, TWIN, QUATTRO, and knife disconnect terminal blocks



- Clear wiring without bend radii, thanks to the conductors being inserted from the side
- Easily identifiable connection markings on the side of the terminal
- Wire markings easy to attach and read off, thanks to the conductors being inserted from the side
- The conductor connection does not require any additional space above the terminal
- The connection principle and conductor insertion are self-explanatory, thanks to the Push-in connection technology in combination with the wiring direction of the screw terminal blocks
- The spring connection does not require any subsequent testing of the terminal point
- Use of standard accessories from the CLIPLINE complete system

Terminal blocks – CLIPLINE complete

1.5 mm² PT Push-in connection terminal blocks

General technical data

Rated data		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm ²]	1.5			
Cross section range	AWG	26 - 14			
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve	
	1 conductor	[mm ²]	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5
2 flexible conductors with a TWIN ferrule	[mm ²]	-	-	-	-
Connection cross sections directly plug-in	[mm ²]	0.25 - 1.5	-	0.34 - 1.5	0.34 - 1
General data					
Stripping length	[mm]	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:



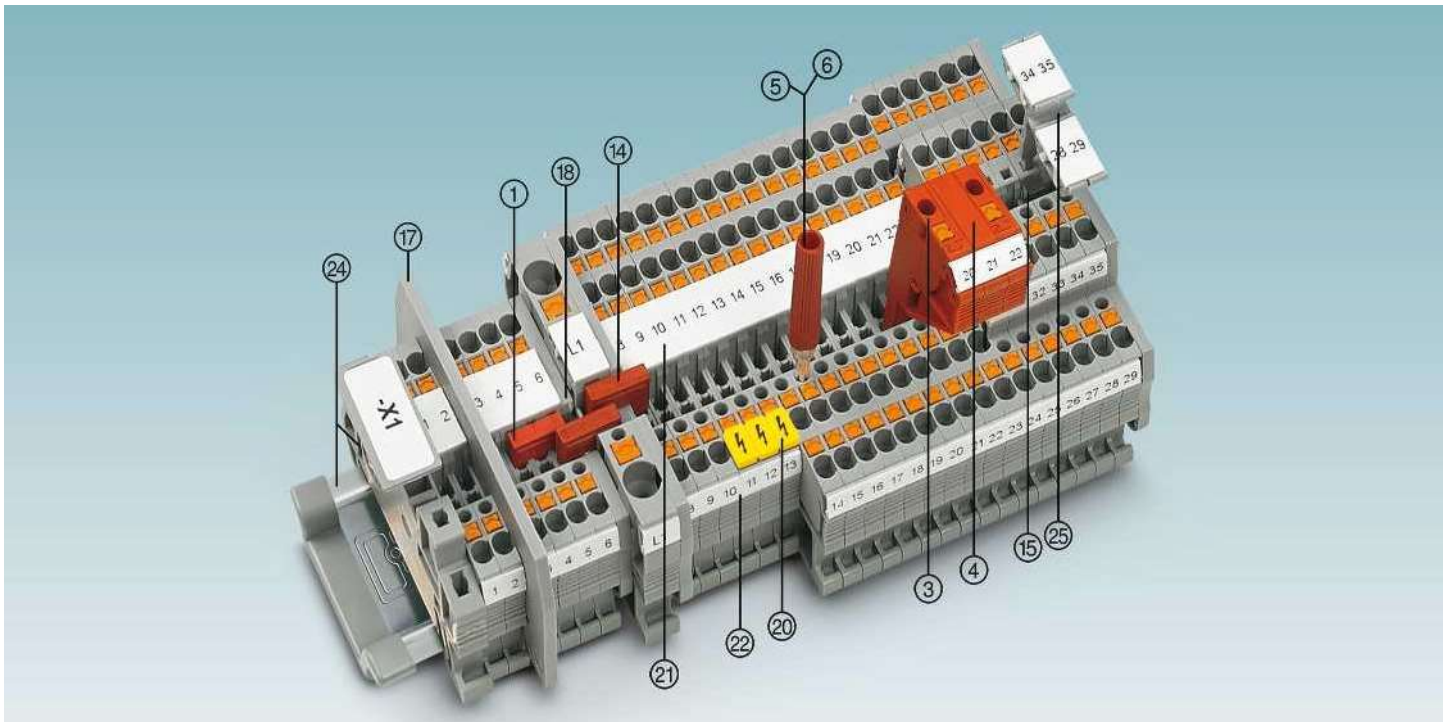
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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.

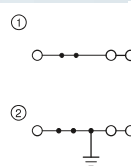
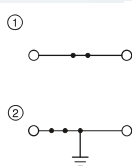
System accessories



Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① Bridge ¹⁾	2	red	FBS 2-3,5	3213014	50			
	3	red	FBS 3-3,5	3213027	50			
	4	red	FBS 4-3,5	3213030	50			
	5	red	FBS 5-3,5	3213043	50			
	10	red	FBS 10-3,5	3213056	50			
	20	red	FBS 20-3,5	3213069	50			
③ Modular test plug		red	PS-3,5	3031010	10			
④ Spacer plate		red	DP PS-3,5	3031011	10			
⑤ Test plug metal part		gray	MPS-MT	0201744	10			
⑥ Insulating sleeve, for MPS metal part		red	MPS-IH RD	0201676	10			
Screwdriver			SZF 0-0,4X2,5	1204504	10			
⑭ Reducing bridge	For RB ..., see page 408.							
⑮ Vertical potential bridge	For FBS 1,5/S-PV ..., see page 404.							
⑰ Partition plates/end cover segments	For ATP-... / DS-..., visit phoenixcontact.net/products							
⑱ Cover	Listed alongside the respective product.							
⑲ Center groove labeling	UCT-TM 3,5 or ZB 3,5. See also Catalog 3, selection tables, from page 60.							
⑲ Center and side groove labeling	UCT-TMF 3,5 or ZBF 3,5. See also Catalog 3, selection tables, from page 60.							
⑲ DIN rail and end bracket	See Catalog 3							
⑲ Marker carrier	For STP ..., see page 418.							
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 38.
 For 1 mm² conductors with ferrule and plastic sleeve, using the AI-S 1-8 TQ ferrule is recommended, Order No. 1200293.
 For information on installation and using accessories for Ex applications, see page 678.



17.5 A, feed-through terminal block

17.5 A, feed-through terminal block, 3 connections

SE, c, us, EAC, Ex, IEC, CB, ClassNK, CB, Ex: EAC Ex IEC Ex SEV13ATEX0159U / IECEX SEV13.0005U

SE, c, us, EAC, Ex, IEC, CB, ClassNK, CB, Ex: EAC Ex IEC Ex SEV13ATEX0159U / IECEX SEV13.0005U

Technical data¹⁾

Technical data¹⁾

Dimensions	[mm]
Width	3.5
Length	45
Height	32 (NS 35/7,5)
Maximum electrical data	
I_{max} [A]	17.5
U_{max} [V]	500
max. Ø [mm ²]	0.14 - 1.5
AWG (UL)	26-14
Maximum bridge current	17.5 [A]
Rated data	
Rated voltage	500 [V]
Nominal current / cross section	17.5 / 1.5 [A] / [mm ²]

Dimensions	[mm]
Width	3.5
Length	54
Height	32 (NS 35/7,5)
Maximum electrical data	
I_{max} [A]	17.5
U_{max} [V]	500
max. Ø [mm ²]	0.14 - 1.5
AWG (UL)	26-14
Maximum bridge current	17.5 [A]
Rated data	
Rated voltage	500 [V]
Nominal current / cross section	17.5 / 1.5 [A] / [mm ²]

Ordering data

Ordering data

Description	Color
Terminal block	gray blue
Ground terminal	green-yellow

Type	Order No.	Pcs./Pkt.
PT 1,5/S	① 3208100	50
PT 1,5/S BU	① 3208126	50
PT 1,5/S-PE	② 3208139	50

Type	Order No.	Pcs./Pkt.
PT 1,5/S-TWIN	① 3208155	50
PT 1,5/S-TWIN BU	① 3208168	50
PT 1,5/S-TWIN-PE	② 3208171	50

Accessories¹⁾

Accessories¹⁾

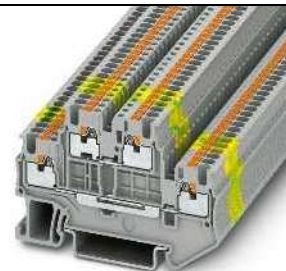
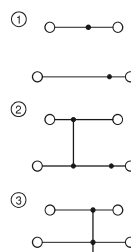
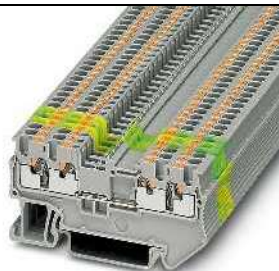
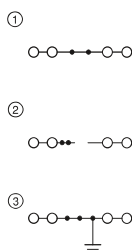
Cover, width: 2.2 mm	gray
Cover, 0.8 mm width	orange

D-PT 1,5/S	3208142	50
D-PT 1,5/S-0,8 OG	1029569	50

D-PT 1,5/S-TWIN	3208184	50
D-PT 1,5/S-TWIN-0,8 OG	1029571	50

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

Notes:
 1) For additional accessories and technical data, see page 38.
 For 1 mm² conductors with ferrule and plastic sleeve, using the AI-S 1-8 TQ ferrule is recommended, Order No. 1200293.
 For information on installation and using accessories for Ex applications, see page 678.



17.5 A, feed-through terminal block, 4 connections

16 A, double-level terminal block, 4 connections

SE, c, us, EAC, Ex, IEC, CB, ClassNK, CB, Ex: EAC Ex IEC Ex SEV13ATEX0159U / IECEX SEV13.0005U

SE, c, us, EAC, Ex, IEC, CB, ClassNK, CB, Ex: EAC Ex IEC Ex SEV13ATEX0159U / IECEX SEV13.0005U

Technical data¹⁾

Technical data¹⁾

Dimensions	[mm]
Width	3.5
Length	63.2
Height	32 (NS 35/7,5)
Maximum electrical data	
I_{max} [A]	17.5
U_{max} [V]	500
max. Ø [mm ²]	0.14 - 1.5
AWG (UL)	26-14
Maximum bridge current	17.5 [A]
Rated data	
Rated voltage	500 [V]
Nominal current / cross section	17.5 / 1.5 [A] / [mm ²]

Dimensions	[mm]
Width	3.5
Length	65.4
Height	42.6 (NS 35/7,5)
Maximum electrical data	
I_{max} [A]	16
U_{max} [V]	500
max. Ø [mm ²]	0.14 - 1.5
AWG (UL)	26-14
Maximum bridge current	16 [A]
Rated data	
Rated voltage	500 [V]
Nominal current / cross section	16 / 1.5 [A] / [mm ²]

Ordering data

Ordering data

Description	Color
Terminal block	gray blue
with interrupted current bar	gray
with potential distribution	gray
Ground terminal	green-yellow

Type	Order No.	Pcs./Pkt.
PT 1,5/S-QUATTRO	① 3208197	50
PT 1,5/S-QUATTRO BU	① 3208208	50
PT 1,5/S-QUATTRO-U	② 3208359	50
PT 1,5/S-QUATTRO-PE	③ 3208333	50

Type	Order No.	Pcs./Pkt.
PTTB 1,5/S	① 3208511	50
PTTB 1,5/S BU	① 3208524	50
PTTB 1,5/S-PV	② 3208540	50
PTTB 1,5/S-PE	③ 3208537	50

Accessories¹⁾

Accessories¹⁾

Cover, width: 2.2 mm	gray
Cover, 0.8 mm width	orange

D-PT 1,5/S-QUATTRO	3208375	50
D-PT 1,5/S-TWIN-0,8 OG	1029571	50

D-PTTB 1,5/S	3208579	50
D-PTTB 1,5/S-0,8 OG	1029589	50

Terminal blocks – CLIPLINE complete

1.5 mm² PT Push-in connection terminal blocks

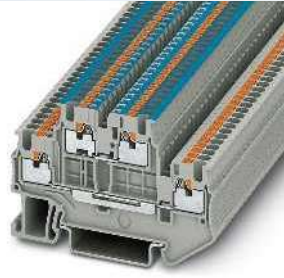
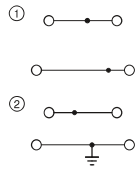
Multi-level terminal blocks

Notes:

1) For additional accessories and technical data, see page 38.

For 1 mm² conductors with ferrule and plastic sleeve, using the AI-S 1-8 TQ ferrule is recommended, Order No. [1200293](#).

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



16 A, double-level terminal block,
4 connections



Dimensions	[mm]
Width	3.5
Length	65.4
Height	42.6 (NS 35/7,5)
Maximum electrical data	
I_{max} [A]	16
U_{max} [V]	500
max. \varnothing [mm ²]	0.14 - 1.5
AWG (UL)	26-14
Maximum bridge current	16 [A]
Rated data	
Rated voltage	500 [V]
Nominal current / cross section	16 / 1.5 [A] / [mm ²]

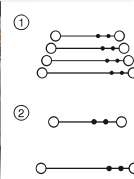
Description	Color
Terminal block	gray
upper level blue	gray
Terminal block	white
	white
	white

Cover, width: 2.2 mm	gray
Cover, 0.8 mm width	orange

Technical data ¹⁾			
Width	Length	Height	
3.5	65.4	42.6 (NS 35/7,5)	
I_{max} [A]	U_{max} [V]	max. \varnothing [mm ²]	AWG (UL)
16	500	0.14 - 1.5	26-14
IEC	UL / CUL	CSA	Ex
500	600	600	-
16 / 1.5	15 / -	15 / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTTB 1,5/S-L/N	① 3208544	50	
PTTB 1,5/S-PE/L	② 3208553	50	
PTTB 1,5/S-PE/N	② 3208566	50	

Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-PTTB 1,5/S	3208579	50	
D-PTTB 1,5/S-0,8 OG	1029589	50	



16 A, double-level terminal block,
4 connections, for KNX bus wiring

ERC

Ex:

SEV13ATEX0159U / IECEx SEV13.0005U

Technical data ¹⁾			
Width	Length	Height	
7	78.8	48.2 (NS 35/7,5)	
I_{max} [A]	U_{max} [V]	max. \varnothing [mm ²]	AWG (UL)
16	500	0.14 - 1.5	-
IEC	UL / CUL	CSA	Ex
500	-	-	352
16 / 1.5	- / -	- / -	13.5 / 1.5

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTTBS 1,5/S-KNX	① 3214663	50	
PTTBS 1,5/S WH/U-BK/O-RD	② 3214662	50	
PTTBS 1,5/S WH/U-YE/O-WH	② 3214661	50	

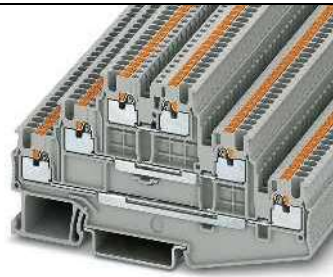
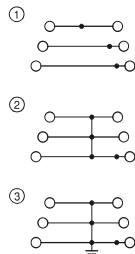
Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-PTTBS 1,5/S-KNX	3214664	10	
D-PTTBS 1,5/S-0,8 OG	1029588	50	

Multi-level terminal blocks

Notes:

1) For additional accessories and technical data, see page 38.

For 1 mm² conductors with ferrule and plastic sleeve, using the AI-S 1-8 TQ ferrule is recommended, Order No. [1200293](#).



15 A, multi-level terminal block,
6 connections



Dimensions	[mm]
Width	3.5
Length	97.2
Height	53.2 (NS 35/7,5)
Maximum electrical data	
I_{max} [A]	15
U_{max} [V]	500
max. \varnothing [mm ²]	0.14 - 1.5
AWG (UL)	26-14
Maximum bridge current	15 [A]
Rated data	
Rated voltage	500 [V]
Nominal current / cross section	15 / 1.5 [A] / [mm ²]

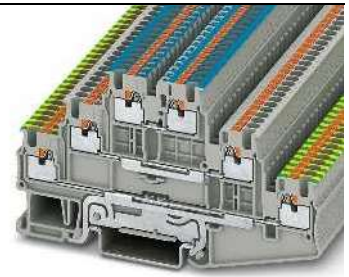
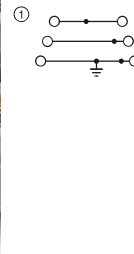
Description	Color
Terminal block	gray
upper level blue	blue
	gray
with potential distribution	gray
Ground terminal	green-yellow

Cover, width: 2.2 mm	gray
Cover, 0.8 mm width	orange

Technical data ¹⁾			
Width	Length	Height	
3.5	97.2	53.2 (NS 35/7,5)	
I_{max} [A]	U_{max} [V]	max. \varnothing [mm ²]	AWG (UL)
15	500	0.14 - 1.5	26-14
IEC	UL / CUL	CSA	Ex
500	600	600	-
15 / 1.5	15 / -	15 / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
PT 1,5/S-3L	① 3213713	50	
PT 1,5/S-3L BU	① 3213726	50	
PT 1,5/S-3PV	② 3213742	50	
PT 1,5/S-3PE	③ 3213739	50	

Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-PT 1,5/S-3L	3113771	50	
D-PT 1,5/S-3L-0,8 OG	1029590	50	



15 A, multi-level terminal block
with PE foot



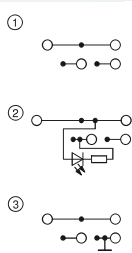
Technical data ¹⁾			
Width	Length	Height	
3.5	97.2	53.2 (NS 35/7,5)	
I_{max} [A]	U_{max} [V]	max. \varnothing [mm ²]	AWG (UL)
15	500	0.14 - 1.5	26-14
IEC	UL / CUL	CSA	Ex
500	600	600	-
15 / 1.5	15 / -	15 / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
PT 1,5/S-PE/L/N	① 3213755	50	
PT 1,5/S-PE/L/L	① 3213768	50	

Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-PT 1,5/S-3L	3113771	50	
D-PT 1,5/S-3L-0,8 OG	1029590	50	

Initiator/actuator terminal blocks

Notes:
 1) For additional accessories and technical data, see page 38.
 For 1 mm² conductors with ferrule and plastic sleeve, using the AI-S 1-8 TQ ferrule is recommended, Order No. 1200293.



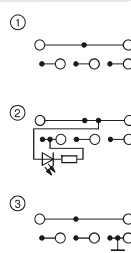
13.5 A, three-conductor initiator terminal block



Technical data ¹⁾				
Width	Length	Height		
3.5	74.4	41.5 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
13.5	250	0.14 - 1.5	26-14	
17.5				
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	250	300	300	-
Nominal current / cross section	13.5 / 1.5	15 / -	15 / -	- / -

Ordering data				
Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	gray	PTIO 1,5/S/3	① 3244410	50
Red LED, 15 - 30 V DC, 0.31 - 0.95 mA, LED between upper and middle level	gray	PTIO 1,5/S/3-LED 24 RD	② 3244423	50
Green LED, 15 - 30 V DC, 0.31 - 0.95 mA, LED between upper and middle level	gray	PTIO 1,5/S/3-LED 24 GN	② 3244436	50
Terminal block, with PE connection	gray	PTIO 1,5/S/3-PE	③ 3244449	50

Accessories ¹⁾				
Description	Color	Type	Order No.	Pcs./Pkt.
Cover, width: 2.2 mm	gray	D-PTIO 1,5/S/3	3244575	50



13.5 A, four-conductor actuator terminal block



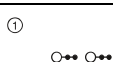
Technical data ¹⁾				
Width	Length	Height		
3.5	90.8	41.5 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
13.5	250	0.14 - 1.5	26-14	
17.5				
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	250	300	300	-
Nominal current / cross section	13.5 / 1.5	15 / -	15 / -	- / -

Ordering data				
Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	gray	PTIO 1,5/S/4	① 3244452	50
Red LED, 15 - 30 V DC, 0.31 - 0.95 mA, LED between upper and middle level	gray	PTIO 1,5/S/4-LED 24 RD	② 3244517	50
Green LED, 15 - 30 V DC, 0.31 - 0.95 mA, LED between upper and middle level	gray	PTIO 1,5/S/4-LED 24 GN	② 3244520	50
Terminal block, with PE connection	gray	PTIO 1,5/S/4-PE	③ 3244465	50

Accessories ¹⁾				
Description	Color	Type	Order No.	Pcs./Pkt.
Cover, width: 2.2 mm	gray	D-PTIO 1,5/S/4	3244588	50

Power terminals

Notes:
 1) For additional accessories and technical data, see page 38.
 2) In the case of central power feed.

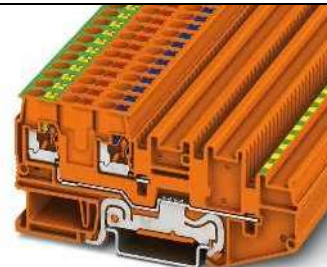
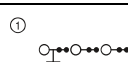


2.5 (4) mm², 20 A, power terminal block



Technical data ¹⁾				
Width	Length	Height		
7	74.4	41.5 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
20 ²⁾	250	0.2 - 4	24-12	
17.5				
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	250	300	300	-
Nominal current / cross section	20 / 2.5	16 / -	16 / -	- / -
Rated cross section	2.5			
Cross section range	24 - 12			
Connection capacity	Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	0.2 - 4	0.2 - 2.5	0.2 - 2.5	0.2 - 2.5
2 flexible conductors with a TWIN ferrule	-	-	-	0.5
Connection cross sections directly plug-in	0.34 - 4	-	0.34 - 2.5	0.34 - 2.5

Ordering data				
Description	Color	Type	Order No.	Pcs./Pkt.
Power terminal block	orange	PTIO-IN 2,5/3 OG	① 3244559	50
Power terminal block, with PE connection	orange	D-PTIO 1,5/S/3	3244575	50



2.5 (4) mm², 20 A, feed-in terminal with PE connection



Technical data ¹⁾				
Width	Length	Height		
7	90.8	41.5 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
20 ²⁾	250	0.2 - 4	24-12	
17.5				
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	250	-	300	-
Nominal current / cross section	20 / 2.5	- / -	16 / -	- / -
Rated cross section	2.5			
Cross section range	24 - 12			
Connection capacity	Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.2 - 2.5	0.2 - 2.5	0.2 - 2.5
-	-	-	-	0.5
0.34 - 4	-	-	0.34 - 2.5	0.34 - 2.5

Ordering data				
Description	Color	Type	Order No.	Pcs./Pkt.
Power terminal block, with PE connection	orange	PTIO-IN 2,5/4-PE OG	① 3244481	50
Cover, width: 2.2 mm	gray	D-PTIO 1,5/S/4	3244588	50

Terminal blocks – CLIPLINE complete

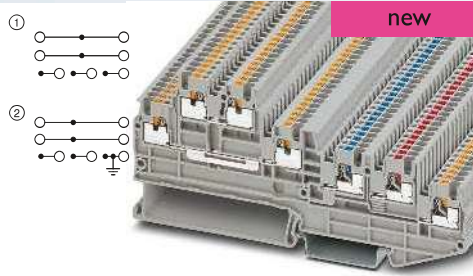
1.5 mm² PT Push-in connection terminal blocks

Initiator/actuator terminal blocks

Notes:

1) For additional accessories and technical data, see page 38.

For 1 mm² conductors with ferrule and plastic sleeve, using the AI-S 1-8 TQ ferrule is recommended, Order No. 1200293.



13.5 A, five-conductor actuator terminal block



Technical data¹⁾

Dimensions	Width [mm]	Length [mm]	Height [mm]
	3.5	121.65	52.1 (NS 35/7,5)
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²] AWG (UL)
	13.5	250	0.14 - 1.5 26-14
Maximum bridge current	[A]		
	17.5		
Rated data	IEC	UL / CUL	CSA Ex
Rated voltage	[V]	250	500 600 -
Nominal current / cross section	[A] / [mm ²]	13.5 / 1.5	15 / - 15 / - - / -

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	gray	PTIO 1,5/S/5	① 3244470	50
Terminal block, with PE connection	gray	PTIO 1,5/S/5/U-BK/O-WH	② 3244472	50

Accessories¹⁾

Accessories	Order No.	Pcs./Pkt.
D-PTIO 1,5/S/5	3244589	50
DS-PTIO 1,5/S	1045987	50

Dimensions	Width [mm]	Length [mm]	Height [mm]
	3.5	121.65	52.1 (NS 35/7,5)
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²] AWG (UL)
	13.5	250	0.14 - 1.5 26-14
Maximum bridge current	[A]		
	17.5		
Rated data	IEC	UL / CUL	CSA Ex
Rated voltage	[V]	250	500 600 -
Nominal current / cross section	[A] / [mm ²]	13.5 / 1.5	15 / - 15 / - - / -

Accessories	Order No.	Pcs./Pkt.
D-PTIO 1,5/S/5	3244589	50
DS-PTIO 1,5/S	1045987	50

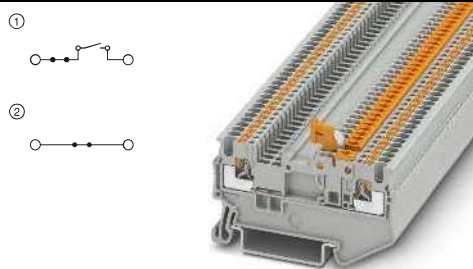
Knife disconnect terminal blocks

Notes:

1) For additional accessories and technical data, see page 38.

The nominal current for PT ...MTD.. terminal blocks is 17.5 A.

For 1 mm² conductors with ferrule and plastic sleeve, using the AI-S 1-8 TQ ferrule is recommended, Order No. 1200293.



10 A, knife disconnect terminal block



Technical data¹⁾

Dimensions	Width [mm]	Length [mm]	Height [mm]
	3.5	58.9	32 (NS 35/7,5)
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²] AWG (UL)
	10	400	0.14 - 1.5 26-16
Maximum bridge current	[A]		
	10		
Rated data	IEC	UL / CUL	CSA Ex
Rated voltage	[V]	400	300 300 -
Nominal current / cross section	[A] / [mm ²]	10 / 1.5	10 / - 10 / - - / -

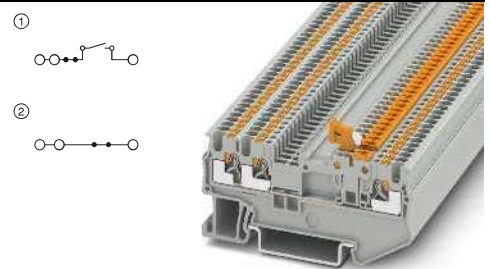
Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Knife disconnect terminal block	gray	PT 1,5/S-MT	① 3210301	50
	blue	PT 1,5/S-MT BU	① 3210302	50
Feed-through terminal block, same shape	gray	PT 1,5/S-MTD	② 3210308	50
	blue	PT 1,5/S-MTD BU	② 3210309	50

Accessories¹⁾

Accessories	Order No.	Pcs./Pkt.
D-PT 1,5/S-MT-0,8	3210303	50
D-PT 1,5/S-MT-0,8 OG	3210304	50

Accessories	Order No.	Pcs./Pkt.
D-PT 1,5/S-MT-0,8	3210303	50
D-PT 1,5/S-MT-0,8 OG	3210304	50



10 A, knife disconnect terminal block, 3 connections



Technical data¹⁾

Dimensions	Width [mm]	Length [mm]	Height [mm]
	3.5	67.8	32 (NS 35/7,5)
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²] AWG (UL)
	10	400	0.14 - 1.5 26-16
Maximum bridge current	[A]		
	10		
Rated data	IEC	UL / CUL	CSA Ex
Rated voltage	[V]	400	300 300 -
Nominal current / cross section	[A] / [mm ²]	10 / 1.5	10 / - 10 / - - / -

Ordering data

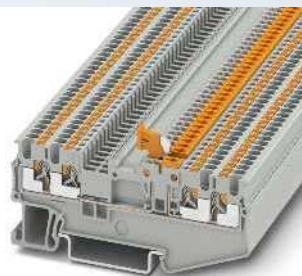
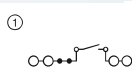
Description	Color	Type	Order No.	Pcs./Pkt.
Knife disconnect terminal block	gray	PT 1,5/S-TWIN-MT	① 3210311	50
	blue	PT 1,5/S-TWIN-MT BU	① 3210312	50
Feed-through terminal block, same shape	gray	PT 1,5/S-TWIN-MTD	② 3210317	50
	blue	PT 1,5/S-TWIN-MTD BU	② 3210319	50

Accessories¹⁾

Accessories	Order No.	Pcs./Pkt.
D-PT 1,5/S-TWIN-MT-0,8	3210313	50
D-PT 1,5/S-TWIN-MT-0,8 OG	3210314	50

Knife disconnect terminal blocks

Notes:
 1) For additional accessories and technical data, see page 38.
 For 1 mm² conductors with ferrule and plastic sleeve, using the AI-S 1-8 TQ ferrule is recommended, Order No. 1200293.



10 A, knife disconnect terminal block, 4 connections

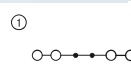


Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	3.5	76.9	32 (NS 35/7,5)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	10	400	0.14 - 1.5	26-16
Maximum bridge current	[A]	10		
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	400	300	-
Nominal current / cross section	[A] / [mm ²]	10 / 1.5	10 / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
PT 1,5/S-QUATTRO-MT	3210321	50	
PT 1,5/S-QUATTRO-MT BU	3210322	50	

Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-PT 1,5/S-QUATTRO-MT-0,8	3210333	50	
D-PT 1,5/S-QUATTRO-MT-0,8 OG	3210334	50	

Description	Color
Knife disconnect terminal block	gray blue
Feed-through terminal block, same shape	gray blue
Cover, 0.8 mm width	gray orange



17.5 A, feed-through terminal block, 4 connections, same shape



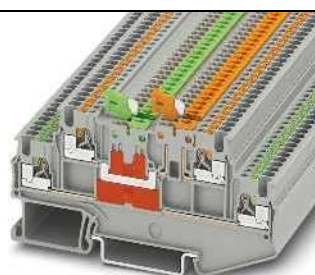
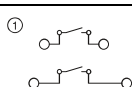
Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	3.5	76.9	32 (NS 35/7,5)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	17.5	400	0.14 - 1.5	26-16
Maximum bridge current	[A]	17.5		
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	400	300	-
Nominal current / cross section	[A] / [mm ²]	17.5 / 1.5	10 / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
PT 1,5/S-QUATTRO-MTD	3210328	50	
PT 1,5/S-QUATTRO-MTD BU	3210329	50	

Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-PT 1,5/S-QUATTRO-MT-0,8	3210333	50	
D-PT 1,5/S-QUATTRO-MT-0,8 OG	3210334	50	

Knife disconnect terminal blocks

Notes:
 1) For additional accessories and technical data, see page 38.
 For 1 mm² conductors with ferrule and plastic sleeve, using the AI-S 1-8 TQ ferrule is recommended, Order No. 1200293.



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

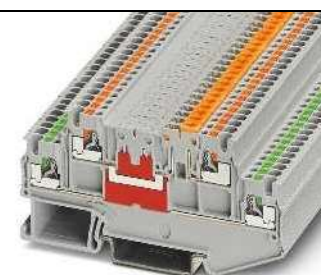
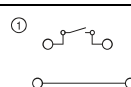


Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	3.5	86	42.6 (NS 35/7,5)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	9	400	0.14 - 1.5	26-16
Maximum bridge current	[A]	9		
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	400	300	-
Nominal current / cross section	[A] / [mm ²]	9 / 1.5	10 / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTT 1,5/S-2MT	3210351	50	
PTT 1,5/S-2MT BU	3210352	50	

Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-PTT 1,5/S-2MT-0,8	3210353	50	
D-PTT 1,5/S-2MT-0,8 OG	3210354	50	

Description	Color
Knife disconnect terminal block	gray blue
Cover, 0.8 mm width	gray orange



9 A, double-level terminal block with disconnect knife, upper level can be disconnected



Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	3.5	86	42.6 (NS 35/7,5)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	9	400	0.14 - 1.5	26-16
Maximum bridge current	[A]	9		
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	400	300	-
Nominal current / cross section	[A] / [mm ²]	9 / 1.5	10 / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTT 1,5/S-L/MT	3210341	50	
PTT 1,5/S-L/MT BU	3210342	50	

Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-PTT 1,5/S-2MT-0,8	3210353	50	
D-PTT 1,5/S-2MT-0,8 OG	3210354	50	

Terminal blocks – CLIPLINE complete

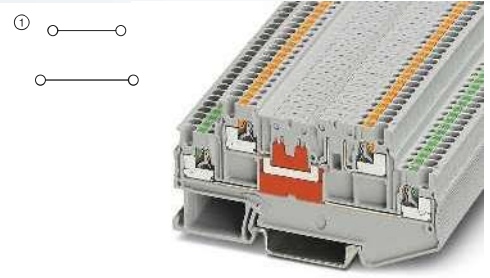
1.5 mm² PT Push-in connection terminal blocks

Double-level terminal blocks, same shape

Notes:

1) For additional accessories and technical data, see page 38.

For 1 mm² conductors with ferrule and plastic sleeve, using the AI-S 1-8 TQ ferrule is recommended, Order No. 1200293.



9 A, double-level terminal block, same shape



Dimensions		[mm]
Maximum electrical data		
Rated data		
Rated voltage	[V]	400
Nominal current / cross section	[A] / [mm ²]	9 / 1.5
Description		Color
Terminal block		gray blue
Cover, 0.8 mm width		gray orange

Technical data ¹⁾			
Width	Length	Height	
3.5	86	42.6 (NS 35/7,5)	
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
9	400	0.14 - 1.5	26-16
IEC	UL / CUL	CSA	Ex
400	300	300	-
9 / 1.5	10 / -	10 / -	- / -

Ordering data		
Type	Order No.	Pcs./Pkt.
PTT 1,5/S-2L	① 3210356	50
PTT 1,5/S-2L BU	① 3210357	50

Accessories ¹⁾		
D-PTT 1,5/S-2MT-0,8	3210353	50
D-PTT 1,5/S-2MT-0,8 OG	3210354	50

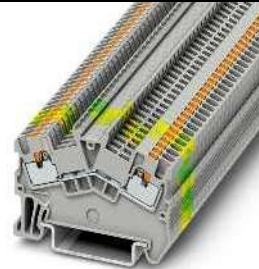
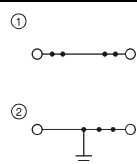
Feed-through, multi-conductor, multi-level, and ground terminal blocks in desk design

Notes:

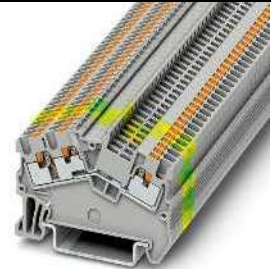
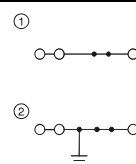
1) For additional accessories and technical data, see page 38.

For 1 mm² conductors with ferrule and plastic sleeve, using the AI-S 1-8 TQ ferrule is recommended, Order No. 1200293.

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



17.5 A, feed-through terminal block



17.5 A, feed-through terminal block, 3 connections



Ex: Ex IEC Ex IEC ClassNK
SEV13ATEX0159U / IECEx SEV13.0005U

Dimensions		[mm]
Maximum electrical data		
Rated data		
Maximum bridge current	[A]	17.5
Rated voltage	[V]	500
Nominal current / cross section	[A] / [mm ²]	17.5 / 1.5
Description		Color
Terminal block		gray blue
Ground terminal		green-yellow
Cover, width: 2.2 mm		gray

Technical data ¹⁾			
Width	Length	Height	
3.5	50.7	38.5 (NS 35/7,5)	
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
17.5	500	0.14 - 1.5	26-14
IEC	UL / CUL	CSA	Ex
500	600	600	352
17.5 / 1.5	15 / -	15 / -	15 / 1.5

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTS 1,5/S	① 3214547	50	
PTS 1,5/S BU	① 3214550	50	
PTS 1,5/S-PE	② 3214563	50	

Accessories ¹⁾		
D-PTS 1,5/S	3214576	50



Ex: Ex IEC Ex IEC ClassNK
SEV13ATEX0159U / IECEx SEV13.0005U

Technical data ¹⁾			
Width	Length	Height	
3.5	50.7	38.5 (NS 35/7,5)	
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
17.5	500	0.14 - 1.5	26-14
IEC	UL / CUL	CSA	Ex
500	600	600	352
17.5 / 1.5	15 / -	15 / -	15 / 1.5

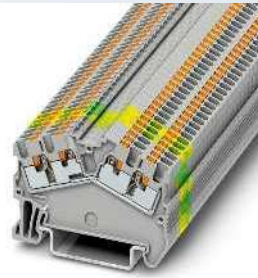
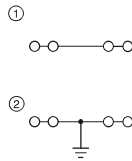
Ordering data			
Type	Order No.	Pcs./Pkt.	
PTS 1,5/S-TWIN	① 3214589	50	
PTS 1,5/S-TWIN BU	① 3214592	50	
PTS 1,5/S-TWIN-PE	② 3214602	50	

Accessories ¹⁾		
D-PTS 1,5/S	3214576	50

1.5 mm² PT Push-in connection terminal blocks

Feed-through, multi-conductor, multi-level, and ground terminal blocks in desk design

Notes:
 1) For additional accessories and technical data, see page 38.
 For 1 mm² conductors with ferrule and plastic sleeve, using the AI-S 1-8 TQ ferrule is recommended, Order No. 1200293.
 For information on installation and using accessories for Ex applications, see page 678.



17.5 A, feed-through terminal block, 4 connections

CE, UL, ENEC, IEC, CB, ClassNK

Ex: Ex IEC Ex IEC Ex IEC
 SEV13ATEX0159U / IECEx SEV13.0005U

Technical data¹⁾

Width	Length	Height		
3.5	50.7	38.5 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
17.5	500	0.14 - 1.5	26-14	
Maximum bridge current [A]				
-				
Rated data				
Rated voltage [V]	IEC	UL / CUL	CSA	Ex
500	500	600	600	352
Nominal current / cross section [A] / [mm ²]	17.5 / 1.5	15 / -	15 / -	15 / 1.5

Ordering data

Type	Order No.	Pcs./Pkt.
PTS 1,5/S-QUATTRO	① 3214615	50
PTS 1,5/S-QUATTRO BU	① 3214631	50
PTS 1,5/S-QUATTRO-PE	② 3214644	50

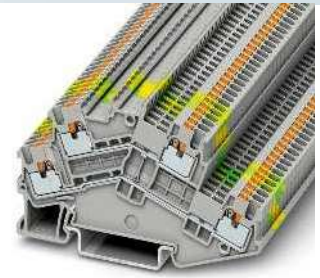
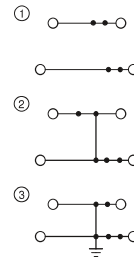
Accessories¹⁾

D-PTS 1,5/S	Order No.	Pcs./Pkt.
	3214576	50

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

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

Cover, width: 2.2 mm	Color
	gray



16 A, double-level terminal block

CE, UL, ENEC, IEC, CB, ClassNK

Ex: Ex IEC Ex IEC Ex IEC
 SEV13ATEX0159U / IECEx SEV13.0005U

Technical data¹⁾

Width	Length	Height		
3.5	78.8	48.2 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
16	500	0.14 - 1.5	26-14	
Maximum bridge current [A]				
16				
Rated data				
Rated voltage [V]	IEC	UL / CUL	CSA	Ex
500	500	600	600	352
Nominal current / cross section [A] / [mm ²]	16 / 1.5	15 / -	15 / -	13.5 / 1.5

Ordering data

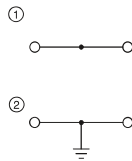
Type	Order No.	Pcs./Pkt.
PTTBS 1,5/S	① 3214657	50
PTTBS 1,5/S BU	① 3214660	50
PTTBS 1,5/S-PV	② 3214686	50
PTTBS 1,5/S-PE	③ 3214673	50

Accessories¹⁾

D-PTTBS 1,5/S	Order No.	Pcs./Pkt.
	3214699	50

Mini feed-through and ground terminal blocks

Notes:
 1) For additional accessories and technical data, see page 38.
 For 1 mm² conductors with ferrule and plastic sleeve, using the AI-S 1-8 TQ ferrule is recommended, Order No. 1200293.
 For more colors for MPT 1,5/S and MP 1,5, visit phoenixcontact.net/products
 For information on installation and using accessories for Ex applications, see page 678.



17.5 A, mini feed-through terminal block

CE, UL, ENEC, IEC, CB, ClassNK

Ex: Ex IEC Ex IEC Ex IEC
 SEV14ATEX0140U / IECEx SEV14.0010U

Technical data¹⁾

Width	Length	Height		
3.5	33.55	28.1 (NS 15)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
17.5	500	0.14 - 1.5	26-14	
Maximum bridge current [A]				
17.5				
Rated data				
Rated voltage [V]	IEC	UL / CUL	CSA	Ex
500	500	600	600	352
Nominal current / cross section [A] / [mm ²]	17.5 / 1.5	15 / -	15 / -	14.5 / 1.5
Cross section range	AWG			
	26 - 14	-	-	-
Connection capacity				
	Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1
Connection cross sections directly plug-in	0.25 - 1.5	-	0.34 - 1.5	0.34 - 1

Ordering data

Type	Order No.	Pcs./Pkt.
MPT 1,5/S	① 3248100	50
MPT 1,5/S-PE	② 3248110	50

Accessories¹⁾

D-MPT 1,5/S	Order No.	Pcs./Pkt.
	3248120	50

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

Description	Color
Terminal block	gray
Ground terminal	green-yellow

Cover, width: 2.2 mm	Color
	gray



17.5 A, single terminal block

CE, UL, ENEC, IEC, CB

Width	Length	Height		
4.2	21	27.2 (NS 15)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
17.5	500	0.14 - 1.5	26-14	
Maximum bridge current [A]				
-				
Rated data				
Rated voltage [V]	IEC	UL / CUL	CSA	Ex
500	500	300	300	-
Nominal current / cross section [A] / [mm ²]	17.5	15 / -	15 / -	- / -
Cross section range	AWG			
	26 - 16	-	-	-
Connection capacity				
	Rigid	Flexible	Ferrule without/with plastic sleeve	
0.14 - 1.5	0.14 - 1.5	0.25 - 1.5	0.25 - 1.5	
0.34 - 1.5	-	0.5 - 1.5	0.5 - 1.5	

Ordering data

Type	Order No.	Pcs./Pkt.
MP 1,5	① 3248150	50

Accessories¹⁾

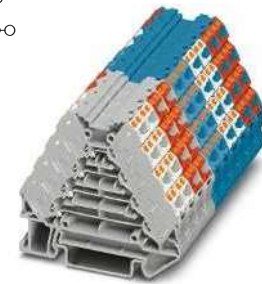
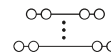
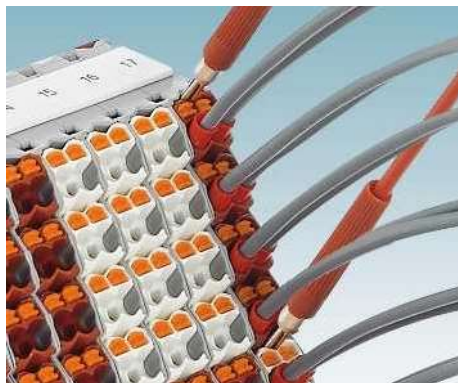
Terminal blocks – CLIPLINE complete

1.5 mm² PT Push-in connection terminal blocks

Marshalling terminals, four levels



- Maximum signal density and up to 20% less space required, thanks to the compact design
- Easy and tool-free wiring thanks to Push-in connection
- Freely configurable color assignment for conductors and terminal points, enabling intuitive and safe installation
- Four conductors up to 2.5 mm² can be connected to one potential by means of the double connection
- Convenient testing by means of freely accessible 2.3 mm test connections centered between the connection points
- Large-surface, pitch-free marking for matrix identification
- Easy potential distribution with bridges and 6 mm² supply
- Blue marshalling terminals for use in Ex i safety circuits < 60 V
- Cabling duct combs can be snapped on as an option
- FTRV versions are available without actuation lever



10 A, marshalling terminal, 16 connections



Dimensions	
Width	8.3 [mm]
Maximum electrical data	
I _{max} [A]	10
U _{max} [V]	250
Rated data	
Rated voltage [V]	250
Nominal current / cross section [A] / [mm ²]	10 / 1.5
Cross section range AWG	26 - 14
Connection capacity	
1 conductor [mm ²]	0.14 - 2.5
Connection cross sections directly plug-in [mm ²]	0.34 - 2.5

Technical data					
Width	8.3	Length	64	Height NS 35/7,5	55.5
I _{max} [A]	10	U _{max} [V]	250	max. Ø [mm ²]	0.14 - 2.5
				AWG (UL)	26-14
IEC 60947-7-1					
IEC	UL / CUL	CSA	IEC / EN 60079-7		
250	300	300	-		
10 / 1.5	10	10 / -	-		
26 - 14	26-14	26-14	-		
Rigid		Flexible	Ferrule without/with plastic sleeve		
0.14 - 2.5	0.14 - 1.5		0.14 - 1.5	0.14 - 1.5	
0.34 - 2.5	-		0.34 - 1.5	0.34 - 1.5	

Description	Color
Marshalling terminal, white chambers	gray
Chambers: red	gray
Chambers: gray	gray
Chambers: green	gray
Chambers: yellow	gray
Chambers: blue	blue
Chambers: white	blue
Chambers: red	blue
Marshalling terminal, without actuation lever, white chambers	gray
Chambers: red	gray
Chambers: blue	blue
Chambers: white	blue
Chambers: red	blue

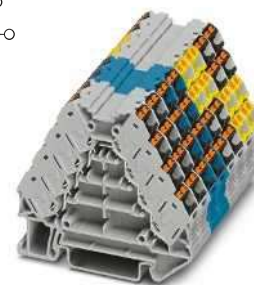
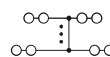
Ordering data			
Type	Order No.	Pcs./Pkt.	
PTRV 4 /WH	3270115	10	
PTRV 4 /RD	3270121	10	
PTRV 4 /GY	3270117	10	
PTRV 4 /GN	3270122	10	
PTRV 4 /YE	3270123	10	
PTRV 4 BU/BU	3270118	10	
PTRV 4 BU/WH	3270119	10	
PTRV 4 BU/RD	3270120	10	
FTRV 4 /WH	3270169	10	
FTRV 4 /RD	3270175	10	
FTRV 4 BU/BU	3270172	10	
FTRV 4 BU/WH	3270173	10	
FTRV 4 BU/RD	3270174	10	

Spacer plate, width: 8.3 mm	gray
Cable duct comb, can be snapped on	gray
Zack marker strip, flat, for marking the DP-PTRV ... spacer plate, unprinted	white
printed horizontally, numbers 1-8	white
printed horizontally, letters A-H	white
printed vertically, numbers 1-8	white
printed vertically, letters A-H	white
labeled in accordance with customer specifications	white
Zack marker strip, for marking the PTRV terminal, unprinted	white
printed horizontally, with consecutive numbers, e.g., 1-10, 11-20	white
printed vertically, with consecutive numbers, e.g., 1-10, 11-20	white

Accessories			
	Order No.	Pcs./Pkt.	
DP-PTRV 4	3270163	10	
CDC-PTRV	3270167	10	
ZBF 6/9,2 S8:UNBEDRUCKT	0803447	10	
ZBF 6/9,2 S8,LGS:1-8	0803450	10	
ZBF 6/9,2 S8,LGS:A-H	0803451	10	
ZBF 6/9,2 S8,QR:1-8	0803448	10	
ZBF 6/9,2 S8,QR:A-H	0803449	10	
ZBF 6/9,2 S8 CUS	8191575	1	
ZB 8,3:UNBEDRUCKT	0803444	10	
ZB 8,3,LGS:FORTL.ZAHLEN	0803480	10	
ZB 8,3,QR:FORTL.ZAHLEN	0803479	10	

Potential distributors, four levels

- Potential distribution systems with up to 16 connections can be implemented with the PTRV ...-PV terminal block
- Blue marshalling terminals for use in Ex i safety circuits < 60 V
- Easy potential distribution with bridges and 6 mm² supply



20 A, potential distributor,
16 connections



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

Technical data				
Width	Length	Height NS 35/7,5		
8.3	64	55.5		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
20	250	0.14 - 2.5	26-14	
IEC	UL / CUL	CSA	IEC / EN 60079-7	
Rated voltage	300	300	-	
Nominal current / cross section	17.5 / 1.5	10	10 / -	
Cross section range	26 - 14	26-14	-	
Connection capacity		Rigid	Flexible	Ferrule
		without/with plastic sleeve		
1 conductor	0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5
Connection cross sections directly plug-in	0.34 - 2.5	-	0.34 - 1.5	0.34 - 1.5

Description	Color
Potential distributor , black chambers	gray
Chambers: red	gray
Chambers: blue	gray
Chambers: black	blue
Potential distributor , top two chambers yellow, bottom two chambers black	gray
top two chambers black, bottom two chambers yellow	gray
Potential distributor , without actuation lever, black chambers	gray
Chambers: black	blue
Potential distributor , without actuation lever, top two chambers yellow, bottom two chambers black	gray
top two chambers black, bottom two chambers yellow	gray

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTRV 4-PV /BK	3270125	10	
PTRV 4-PV /RD	3270246	10	
PTRV 4-PV /BU	3270247	10	
PTRV 4-PV BU/BK	3270126	10	
PTRV 4-FE /YEBC	3270130	10	
PTRV 4-FE /BKYE	3270131	10	
FTRV 4-PV /BK	3270178	10	
FTRV 4-PV BU/BK	3270181	10	
FTRV 4-FE /YEBC	3270184	10	
FTRV 4-FE /BKYE	3270185	10	

Accessories				
Spacer plate , width: 8.3 mm	gray	DP-PTRV 4	3270163	10
Zack marker strip , flat, for marking the DP-PTRV ... spacer plate, unprinted	white	ZBF 6/9,2 S8:UNBEDRUCKT	0803447	10
printed horizontally , numbers 1-8	white	ZBF 6/9,2 S8,LGS:1-8	0803450	10
printed horizontally , letters A-H	white	ZBF 6/9,2 S8,LGS:A-H	0803451	10
printed vertically , numbers 1-8	white	ZBF 6/9,2 S8,QR:1-8	0803448	10
printed vertically , letters A-H	white	ZBF 6/9,2 S8,QR:A-H	0803449	10
labeled in accordance with customer specifications	white	ZBF 6/9,2 S8 CUS	8191575	1

Terminal blocks – CLIPLINE complete

1.5 mm² PT Push-in connection terminal blocks

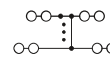
Potential distributors, four levels



- Space-saving potential distribution with up to 32 connections
- Potential distribution blocks can be individually adapted with plug-in bridges for assembly
- Versions with 6 mm² supply option and 32 A
- PTRVB 4-PE ground terminal for the connection of shielding or protective conductors
- Versions are available in blue and red for clear assignment
- Large-surface marking options



Notes:
1) Nominal current of 17.5 A. 16 connections
2) The maximum current of a double connection is 24 A.



37 A, potential distributor, 13 connections, with supply, can be bridged



Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Cross section range	AWG
Connection capacity	
1 conductor	[mm ²]
Connection cross sections directly plug-in	[mm ²]
Rated data, feed	
Nominal current / cross section	[A] / [mm ²]
Maximum current	[A]
Cross section range	AWG
Supply connection capacity	
1 conductor	[mm ²]
Connection cross sections directly plug-in	[mm ²]

Technical data				
Width	Length	Height NS 35/7,5		
8.3	64	55.5		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
24	250	0.14 - 2.5	12-10	
IEC 60947-7-1				
IEC	UL / CUL	CSA	IEC/ EN 60079-7	
Rated voltage	250	-	-	-
Nominal current / cross section	17.5(2) / 1.5	-	-	-
Cross section range	26 - 14	12-10	-	-
Connection capacity	Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5
Connection cross sections directly plug-in	0.34 - 2.5	-	0.34 - 1.5	0.34 - 1.5
Rated data, feed	IEC	UL / CUL	CSA	IEC/ EN 60079-7
Nominal current / cross section	32 / 4	-	-	-
Maximum current	37	-	-	-
Cross section range	24 - 10	12-10	-	-
Supply connection capacity	Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	0.2 - 6	0.2 - 6	0.2 - 6	0.2 - 6
Connection cross sections directly plug-in	0.34 - 6	-	0.34 - 6	0.34 - 6

Description	Color
Potential distributor, with supply	gray
Chambers: blue	gray
Chambers: red	gray
Chambers: gray	gray
Potential distributor¹⁾	gray
Chambers: blue	gray
Chambers: red	gray
Ground terminal	
Potential distributor, with supply, without actuation lever	gray
Potential distributor, without actuation lever¹⁾	gray

Ordering data				
Type	I _{max}	Order No.	Pcs./Pkt.	
PTRVB 4-FI /BK		3270158	10	
PTRVB 4-FI /BU		3270221	10	
PTRVB 4-FI /RD		3270220	10	
PTRVB 4-FI /GY		3270138	10	
PTRVB 4-PV /BK		3270157	10	
PTRVB 4-PV /BU		3270223	10	
PTRVB 4-PV /RD		3270222	10	
PTRVB 4-PE		1070018	10	
FTRVB 4-FI /BK		3270208	10	
FTRVB 4-PV /BK		3270207	10	

Spacer plate, width: 8.3 mm	gray
Continuous plug-in bridge, 500 mm long, isolated, can be cut to length, for potential distribution	
Nominal current: 32 A	red
	gray
Zack marker strip, flat, for marking the DP-PTRV ... spacer plate, unprinted	white
printed horizontally, numbers 1-8	white
printed horizontally, letters A-H	white
printed vertically, numbers 1-8	white
printed vertically, letters A-H	white
labeled in accordance with customer specifications	white

Accessories				
DP-PTRV 4		3270163	10	
FBST 500-PLC RD	32 A	2966786	20	
FBST 500-PLC GY	32 A	2966838	20	
ZBF 6/9,2 S8:UNBEDRUCKT		0803447	10	
ZBF 6/9,2 S8,LGS:1-8		0803450	10	
ZBF 6/9,2 S8,LGS:A-H		0803451	10	
ZBF 6/9,2 S8,QR:1-8		0803448	10	
ZBF 6/9,2 S8,QR:A-H		0803449	10	
ZBF 6/9,2 S8 CUS		8191575	1	

Accessories

- Space-saving partition and end cover with isolating function
- Same shape as the PTRV ... marshalling panel

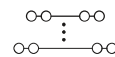


General data		Technical data			Technical data		
Material		PA			PA		
Description		Ordering data			Ordering data		
Description	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
Cover, can be grouped, unprinted	white	D-PTRV 4 WH	3270151	10			
Vertically printed: numbers 1-4	white	D-PTRV 4 WH 1-4	3270152	10			
Horizontally printed: numbers 1-4	white	D-PTRV 4 WH 1-4 LGS	3270234	10			
Vertically printed: numbers 4-1	white	D-PTRV 4 WH 4-1	3270236	10			
Horizontally printed: numbers 4-1	white	D-PTRV 4 WH 4-1 LGS	3270238	10			
Vertically printed: letters A-D	white	D-PTRV 4 WH A-D	3270153	10			
Horizontally printed: letters A-D	white	D-PTRV 4 WH A-D LGS	3270235	10			
Vertically printed: letters D-A	white	D-PTRV 4 WH D-A	3270237	10			
Horizontally printed: letters D-A	white	D-PTRV 4 WH D-A LGS	3270239	10			
Marking strips, no loss of pitch, vertically printed, numbers 1-4	white				TM-PTRV 4,QR:1-4	0803464	10
Vertically printed, numbers 4-1	white				TM-PTRV 4,QR:4-1	0803465	10
Vertically printed, letters A-D	white				TM-PTRV 4,QR:A-D	0803466	10
Vertically printed, letters D-A	white				TM-PTRV 4,QR:D-A	0803467	10

Marshalling terminals, eight levels



- Maximum signal density and up to 20% less space required, thanks to the compact design
- Easy and tool-free wiring, thanks to Push-in connection
- Freely configurable color assignment for conductors and terminal points, enabling intuitive and safe installation
- Four conductors up to 2.5 mm² can be connected to one potential by means of the double connection
- Convenient testing by means of freely accessible 2.3 mm test connections centered between the connection points
- Large-surface, pitch-free marking for matrix identification
- Easy potential distribution with bridges and 6 mm² supply
- Blue marshalling terminals for use in Ex i safety circuits < 60 V
- Cabling duct combs can be snapped on as an option
- FTRV versions are available without actuation lever



8 A, marshalling terminal, 32 connections



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

Technical data				
Width	Length	Height NS 35/7,5		
8.3	100	87.5		
I_{max} [A]	U_{max} [V]	$max. \varnothing$ [mm ²]	AWG (UL)	
8	250	0.14 - 2.5	26-14	
IEC 60947-7-1				
IEC	UL / CUL	CSA	IEC/EN 60079-7	
250	300	300	-	
8 / 1.5	10	10 / -	-	
26 - 14	26-14	26-14	-	
Rigid		Flexible	Ferrule without/with plastic sleeve	
0.14 - 2.5	0.14 - 1.5		0.14 - 1.5	0.14 - 1.5
0.34 - 2.5	-		0.34 - 1.5	0.34 - 1.5

Description	Color
Marshalling terminal , top four chambers white, bottom four chambers red	gray
top four chambers red, bottom four chambers white	gray
Chambers: blue	gray
Chambers: green	gray
Chambers: red	gray
Chambers: colors in accordance with VDE 0815 color code	gray
Chambers: blue	blue
top four chambers white, bottom four chambers red	blue
top four chambers red, bottom four chambers white	blue
Marshalling terminal , without actuation lever, top four chambers white, bottom four chambers red	gray
top four chambers red, bottom four chambers white	gray
Chambers: blue	blue
top four chambers white, bottom four chambers red	blue
top four chambers red, bottom four chambers white	blue

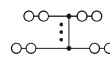
Ordering data			
Type	Order No.	Pcs./Pkt.	
PTRV 8 /WHRD	3270133	10	
PTRV 8 /RDWH	3270137	10	
PTRV 8 /BU	3270233	10	
PTRV 8 /GN	3270232	10	
PTRV 8 /RD	3270231	10	
PTRV 8 /VDE 0815	3270230	10	
PTRV 8 BU/BU	3270136	10	
PTRV 8 BU/WHRD	3270134	10	
PTRV 8 BU/RDWH	3270135	10	
FTRV 8 /WHRD	3270187	10	
FTRV 8 /RDWH	3270193	10	
FTRV 8 BU/BU	3270190	10	
FTRV 8 BU/WHRD	3270191	10	
FTRV 8 BU/RDWH	3270192	10	

Spacer plate , width: 8.3 mm	gray
Cable duct comb , can be snapped on	gray
Zack marker strip, flat , for marking the DP-PTRV ... spacer plate, unprinted	white
printed horizontally , numbers 1-8	white
printed horizontally , letters A-H	white
printed vertically , numbers 1-8	white
printed vertically , letters A-H	white
labeled in accordance with customer specifications	white
Zack marker strip , for marking the PTRV terminal, unprinted	white
printed horizontally , with consecutive numbers, e.g., 1-10, 11-20	white
printed vertically , with consecutive numbers, e.g., 1-10, 11-20	white

Accessories		
DP-PTRV 8	3270166	10
CDC-PTRV	3270167	10
ZBF 6/9,2 S8:UNBEDRUCKT	0803447	10
ZBF 6/9,2 S8,LGS:1-8	0803450	10
ZBF 6/9,2 S8,LGS:A-H	0803451	10
ZBF 6/9,2 S8,QR:1-8	0803448	10
ZBF 6/9,2 S8,QR:A-H	0803449	10
ZBF 6/9,2 S8 CUS	8191575	1
ZB 8,3:UNBEDRUCKT	0803444	10
ZB 8,3,LGS:FORTL.ZAHLEN	0803480	10
ZB 8,3,QR:FORTL.ZAHLEN	0803479	10

Potential distributors, eight levels

- Potential distribution systems with up to 32 connections can be implemented with the PTRV ...-PV terminal block
- Blue marshalling terminals for use in Ex i safety circuits < 60 V
- Easy potential distribution with bridges and 6 mm² supply



20 A, potential distributor,
32 connections



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

Technical data				
Width	Length	Height NS 35/7,5		
8.3	100	87.5		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
20	250	0.14 - 2.5	26-14	
IEC	UL / CUL	CSA	IEC / EN 60079-7	
Rated voltage	300	300	-	
Nominal current / cross section	17.5 / 1.5	10	10 / -	
Cross section range	26 - 14	26-14	26-14	
Connection capacity	Rigid	Flexible	Ferrule	
			without/with plastic sleeve	
1 conductor	0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5
Connection cross sections directly plug-in	0.34 - 2.5	-	0.34 - 1.5	0.34 - 1.5

Description	Color
Potential distributor , black chambers	gray
Chambers: blue	gray
Chambers: red	gray
Chambers: black	blue
Potential distributor , top four chambers yellow, bottom four chambers black	gray
top four chambers black, bottom four chambers yellow	gray
Potential distributor , without actuation lever, black chambers	gray
Chambers: black	blue
Potential distributor , without actuation lever, top four chambers yellow, bottom four chambers black	gray
top four chambers black, bottom four chambers yellow	gray

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTRV 8-PV /BK	3270142	10	
PTRV 8-PV /BU	3270249	10	
PTRV 8-PV /RD	3270248	10	
PTRV 8-PV BU/BK	3270145	10	
PTRV 8-FE /YEBK	3270148	10	
PTRV 8-FE /BKYE	3270149	10	
FTRV 8-PV /BK	3270194	10	
FTRV 8-PV BU/BK	3270196	10	
FTRV 8-FE /YEBK	3270202	10	
FTRV 8-FE /BKYE	3270204	10	

Spacer plate , width: 8.3 mm	gray
Cable duct comb , can be snapped on	gray
Zack marker strip, flat , for marking the DP-PTRV ... spacer plate, unprinted	white
printed horizontally , numbers 1-8	white
printed horizontally , letters A-H	white
printed vertically , numbers 1-8	white
printed vertically , letters A-H	white
labeled in accordance with customer specifications	white

Accessories		
DP-PTRV 8	3270166	10
CDC-PTRV	3270167	10
ZBF 6/9,2 S8:UNBEDRUCKT	0803447	10
ZBF 6/9,2 S8,LGS:1-8	0803450	10
ZBF 6/9,2 S8,LGS:A-H	0803451	10
ZBF 6/9,2 S8,QR:1-8	0803448	10
ZBF 6/9,2 S8,QR:A-H	0803449	10
ZBF 6/9,2 S8 CUS	8191575	1

Terminal blocks – CLIPLINE complete

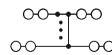
1.5 mm² PT Push-in connection terminal blocks

Potential distributors, eight levels



- Space-saving potential distribution with up to 32 connections
- Potential distribution blocks can be individually adapted with plug-in bridges for assembly
- Versions with 6 mm² supply option and 32 A
- Versions are available in blue and red for clear assignment
- Large-surface marking options

Notes:
1) Nominal current of 17.5 A. 32 connections
2) The maximum current of a double connection is 24 A.



37 A, potential distributor, 29 connections, with supply, can be bridged



Dimensions	
	[mm]
Maximum electrical data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Cross section range	AWG
Connection capacity	
1 conductor	[mm ²]
Connection cross sections directly plug-in	[mm ²]
Rated data, feed	
Nominal current / cross section	[A] / [mm ²]
Maximum current	[A]
Cross section range	AWG
Supply connection capacity	
1 conductor	[mm ²]
Connection cross sections directly plug-in	[mm ²]

Technical data				
Width	Length	Height NS 35/7,5		
8.3	100	87.5		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
24	250	0.14 - 2.5	12-10	
IEC 60947-7-1				
IEC	UL / CUL	CSA	IEC/EN 60079-7	
Rigid	Flexible	Ferrule without/with plastic sleeve		
0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5	
0.34 - 2.5	-	0.34 - 1.5	0.34 - 1.5	
IEC	UL / CUL	CSA	IEC/EN 60079-7	
32 / 4	-	-	-	
37	-	-	-	
24 - 10	12-10	-	-	
Rigid	Flexible	Ferrule without/with plastic sleeve		
0.2 - 6	0.2 - 6	0.2 - 6	0.2 - 6	
0.34 - 6	-	0.34 - 6	0.34 - 6	

Description	Color
Potential distributor, with supply	gray
Chambers: blue	gray
Chambers: red	gray
Potential distributor ¹⁾	gray
Chambers: blue	gray
Chambers: red	gray
Potential distributor, with supply, without actuation lever	gray
Potential distributor, without actuation lever ¹⁾	gray
Spacer plate, width: 8.3 mm	gray
Continuous plug-in bridge, 500 mm long, isolated, can be cut to length, for potential distribution	
Nominal current: 32 A	red
	gray
Zack marker strip, flat, for marking the DP-PTRV ... spacer plate, unprinted	white
printed horizontally, numbers 1-8	white
printed horizontally, letters A-H	white
printed vertically, numbers 1-8	white
printed vertically, letters A-H	white
labeled in accordance with customer specifications	white

Ordering data				
Type	I _{max}	Order No.	Pcs./Pkt.	
PTRVB 8-FI /BK		3270160	10	
PTRVB 8-FI /BU		3270225	10	
PTRVB 8-FI /RD		3270224	10	
PTRVB 8-PV /BK		3270159	10	
PTRVB 8-PV /BU		3270227	10	
PTRVB 8-PV /RD		3270226	10	
FTRVB 8-FI /BK		3270210	10	
FTRVB 8-PV /BK		3270209	10	

Accessories				
Type	I _{max}	Order No.	Pcs./Pkt.	
DP-PTRV 8		3270166	10	
FBST 500-PLC RD	32 A	2966786	20	
FBST 500-PLC GY	32 A	2966838	20	
ZBF 6/9,2 S8:UNBEDRUCKT		0803447	10	
ZBF 6/9,2 S8,LGS:1-8		0803450	10	
ZBF 6/9,2 S8,LGS:A-H		0803451	10	
ZBF 6/9,2 S8,QR:1-8		0803448	10	
ZBF 6/9,2 S8,QR:A-H		0803449	10	
ZBF 6/9,2 S8 CUS		8191575	1	

Accessories

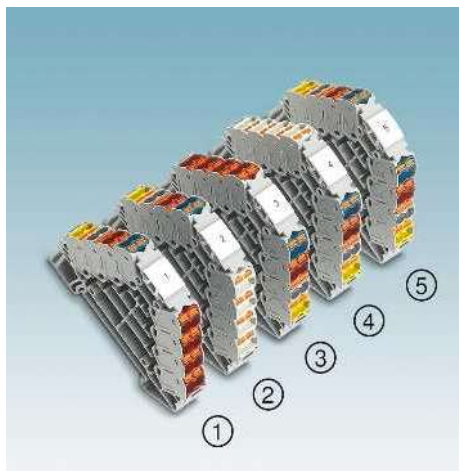
- Space-saving partition and end cover with isolating function
- Same shape as the PTRV ... marshalling panel



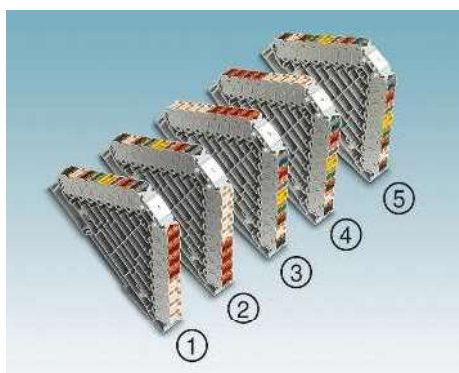
General data		Technical data				Technical data				
Material		PA				PA				
Description		Color		Ordering data		Ordering data		Ordering data		
		Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
Cover , can be grouped, unprinted										
	printed vertically, numbers 1-8	white	D-PTRV 8 WH	3270154	10					
	printed horizontally, numbers 1-8	white	D-PTRV 8 WH 1-8	3270155	10					
	printed vertically, numbers 8-1	white	D-PTRV 8 WH 1-8 LGS	3270240	10					
	printed horizontally, numbers 8-1	white	D-PTRV 8 WH 8-1	3270242	10					
	printed vertically, numbers 1-16	white	D-PTRV 8 WH 8-1 LGS	3270244	10					
	printed horizontally, numbers 1-16	white	D-PTRV 8 WH 1-16	3270228	10					
	printed vertically, numbers 1-16	white	D-PTRV 8 WH 1-16 LGS	3270229	10					
	printed horizontally, numbers 1-16	white	D-PTRV 8 WH 9-16	3270211	10					
	printed vertically, numbers 9-16	white	D-PTRV 8 WH 9-16 LGS	3270212	10					
	printed horizontally, numbers 9-16	white	D-PTRV 8 WH 17-24	3270213	10					
	printed vertically, numbers 17-24	white	D-PTRV 8 WH 17-24 LGS	3270214	10					
	printed horizontally, numbers 17-24	white	D-PTRV 8 WH 25-32	3270215	10					
	printed vertically, numbers 25-32	white	D-PTRV 8 WH 25-32 LGS	3270216	10					
	printed horizontally, numbers 25-32	white	D-PTRV 8 WH A-H	3270156	10					
	printed vertically, letters A-H	white	D-PTRV 8 WH A-H LGS	3270241	10					
	printed horizontally, letters A-H	white	D-PTRV 8 WH H-A	3270243	10					
	printed vertically, letters H-A	white	D-PTRV 8 WH H-A LGS	3270245	10					
	printed horizontally, letters H-A	white	D-PTRV 8 WH A-P	3270217	10					
	printed vertically, letters A-P	white	D-PTRV 8 WH A-P LGS	3270218	10					
	printed horizontally, letters A-P	white								
Marking strips , no loss of pitch,										
	printed vertically, numbers 1-8	white				TM-PTRV 8,QR:1-8	0803468	10		
	printed vertically, numbers 8-1	white				TM-PTRV 8,QR:8-1	0803470	10		
	printed vertically, letters A-H	white				TM-PTRV 8,QR:A-H	0803471	10		
	printed vertically, letters H-A	white				TM-PTRV 8,QR:H-A	0803473	10		

1.5 mm² PT Push-in connection terminal blocks

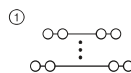
Marshalling terminals for free assembly



- The marshalling terminals can be easily configured and ordered with just a click of the mouse in the product area on our website at phoenixcontact.net/products
- To order via fax or e-mail, please use the ordering data as shown in the ordering example on the following page
- Freely configurable marshalling terminal with 11 colors to choose from
- Level-based color configuration
- Various combinations possible for creating a marshalling pitch



Notes:
For technical data and accessories, see page 46.



Marshalling terminal, color configuration in accordance with customer specifications



Description	Color
① Marshalling terminal, 4-pos., left side color can be freely configured, right side color: red	gray
② Left side color can be freely configured, right side color: white	gray
③ Left side color: red, right side color can be freely configured	gray
④ Left side color: white, right side color can be freely configured	gray
⑤ Left and right side colors can be freely configured, same colors on each level	gray
① Marshalling terminal, 8-pos., left side color can be freely configured, right: upper 4 chambers: red, lower 4 chambers white	gray
② Left side color can be freely configured, right: upper 4 chambers: white, lower 4 chambers: red	gray
③ Left: upper 4 chambers: red, lower 4 chambers: white, right side color can be freely configured	gray
④ Left: upper 4 chambers: white, lower 4 chambers: red, right side color can be freely configured	gray
⑤ Left and right side colors can be freely configured, same colors on each level	gray
① Marshalling terminal, without actuation lever, 4-pos., left side color can be freely configured, right side color: red	gray
② Left side color can be freely configured, right side color: white	gray
③ Left side color: red, right side color can be freely configured	gray
④ Left side color: white, right side color can be freely configured	gray
⑤ Left and right side colors can be freely configured, same colors on each level	gray
① Marshalling terminal, without actuation lever, 8-pos., left side color can be freely configured, right: upper 4 chambers: red, lower 4 chambers: white	gray
② Left side color can be freely configured, right: upper 4 chambers: white, lower 4 chambers: red	gray
③ Left: upper 4 chambers: red, lower 4 chambers: white, right side color can be freely configured	gray
④ Left: upper 4 chambers: white, lower 4 chambers: red, right side color can be freely configured	gray
⑤ Left and right side colors can be freely configured, same colors on each level	gray

Ordering data				
Type	Order No.	Pcs./Pkt.		
PTRV 4 /COL-RD	① 3001754	10		
PTRV 4 /COL-WH	① 3001871	10		
PTRV 4 /RD-COL	① 3001872	10		
PTRV 4 /WH-COL	① 3001874	10		
PTRV 4 /COL-COL	① 3001875	10		
PTRV 8 /COL-RDWH	① 3001851	10		
PTRV 8 /COL-WHRD	① 3001876	10		
PTRV 8 /RDWH-COL	① 3001877	10		
PTRV 8 /WHRD-COL	① 3001878	10		
PTRV 8 /COL-COL	① 3001879	10		
FTRV 4 /COL-RD	① 3001760	10		
FTRV 4 /COL-WH	① 3001880	10		
FTRV 4 /RD-COL	① 3001881	10		
FTRV 4 /WH-COL	① 3001882	10		
FTRV 4 /COL-COL	① 3001883	10		
FTRV 8 /COL-RDWH	① 3001852	10		
FTRV 8 /COL-WHRD	① 3001884	10		
FTRV 8 /RDWH-COL	① 3001885	10		
FTRV 8 /WHRD-COL	① 3001887	10		
FTRV 8 /COL-COL	① 3001888	10		

Ordering example: Configured marshaling terminal

Ordering example:

A marshaling terminal with eight levels should be configured as follows in accordance with DIN VDE 0815:

The right side is marked red in the upper levels 1 - 4, and the lower levels 5 - 8 are marked white.

Please select order number **3001851** from the configurable items. The levels on the left side should be colored.

- Level 1: blue
- Level 2: red
- Level 3: gray
- Level 4: yellow
- Level 5: green
- Level 6: brown
- Level 7: white
- Level 8: black

Available colors:

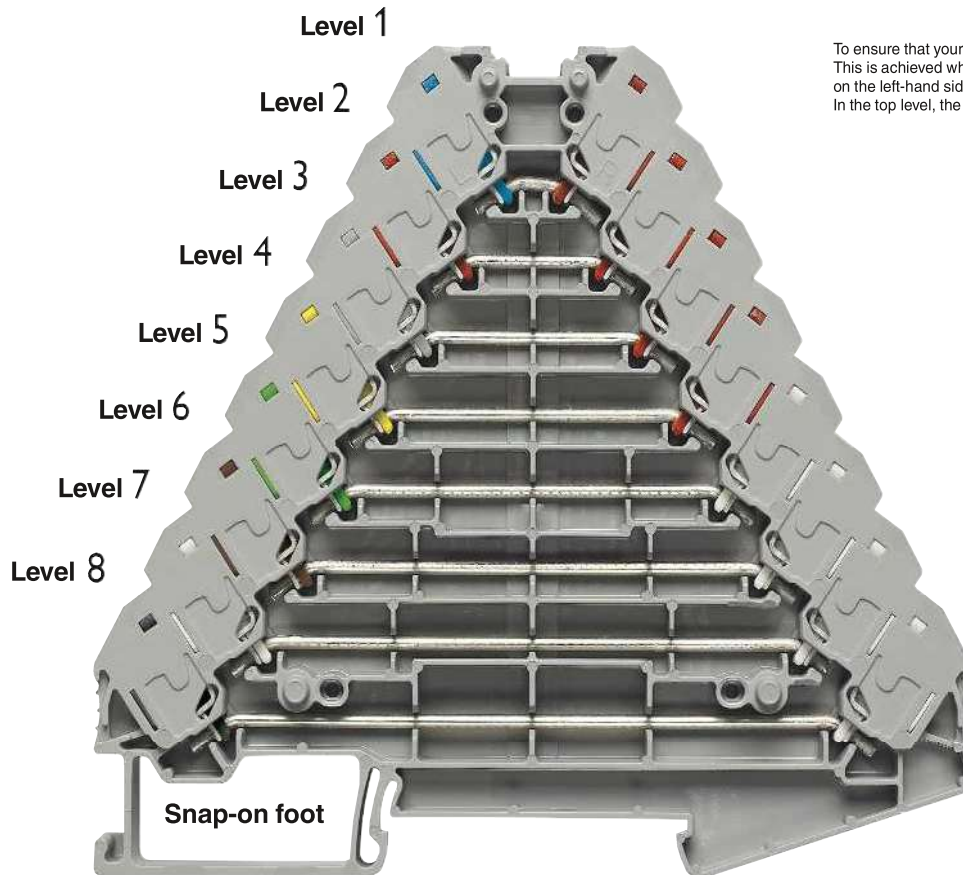
- BU Blue
- RD Red
- GY Gray
- YE Yellow
- GN Green
- BN Brown
- WH White
- BK Black
- VT Purple
- OG Orange
- PK Pink



Specify the color sequence when ordering, as illustrated below in the ordering example.

The order data for this ordering example is therefore:

Order No.	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8
3001851	BU	RD	GY	YE	GN	BN	WH	BK



To ensure that your order is correct, you need a defined view. This is achieved when the snap-on foot in the top view is located on the left-hand side. In the top level, the letter L is visible on the left-hand side.

8 7 6 5 4 3 2 1



Terminal blocks – CLIPLINE complete

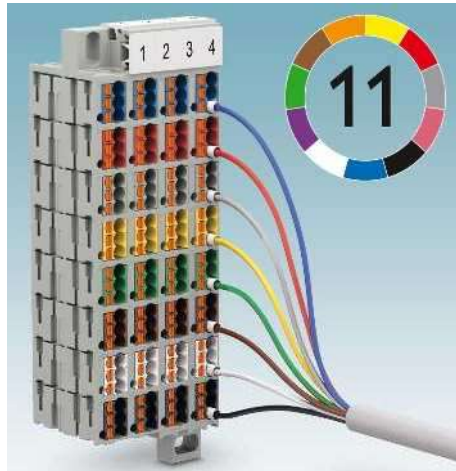
1.5 mm² PT Push-in connection terminal blocks

Marshalling patchboards, for self-assembly



The modular design allows the exact number of positions to be configured for a specific application. Up to 20% increase in signal density due to the compact design.

- The elements snap in easily and securely
- The construction is made up of blocks, making it extremely stable and warp resistant



Freely configurable color assignment for conductors and terminal points, enabling intuitive and safe installation. Terminal point coding with 11 colors to choose from.



Optional snap-on adapters enable easy mounting on standard DIN rails. Adapters can be directly mounted on panel cutouts or 19" racks.



DF-PTMC-3 -ZB snap-on marker adapters for side mounting are available for matrix marking.

Notes:

1) Derating curve available on request.

Dimensions

[mm]

Maximum electrical data

Rated data

Rated voltage [V]
Nominal current / cross section [A] / [mm²]
Cross section range AWG

Connection capacity

1 conductor [mm²]
Connection cross sections directly plug-in [mm²]

Description	Color
Marshalling patchboard, single element, gray chamber	gray
Chambers: white	gray
Chambers: blue	gray
Chambers: red	gray
Chambers: green	gray
Chambers: brown	gray
Chambers: black	gray
Chambers: violet	gray
Chambers: orange	gray
Chambers: yellow	gray
Chambers: pink	gray
Marshalling patchboard, without actuation lever, single element, gray chamber	gray
Chambers: white	gray
Chambers: blue	gray
Chambers: red	gray
Chambers: green	gray
Chambers: brown	gray
Chambers: black	gray
Chambers: violet	gray
Chambers: orange	gray
Chambers: yellow	gray
Chambers: pink	gray

Cover flange, for direct mounting above gray

Cover flange, for direct mounting below gray

Adapter, for mounting on a DIN rail gray

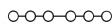
Marker adapter, for direct mounting above and to hold marking gray

Marker adapter, for holding the marking, width 12.2 mm gray
width 8.5 mm gray

Test plug metal part, 2.3 mm Ø gray

Insulating sleeve, for MPS metal part red

Marking



24 A, single element, 6 connections



24 A, single element, 4 connections



Technical data			
Width	Length	Height	
11	12.2	30	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm ²]	AWG (UL)
24 ¹⁾	500	0.14 - 2.5	24-16
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	300	300	-
17.5 ¹⁾ / -	10	10 / -	-
26 - 14	24-16	24-16	-
Rigid	Flexible	Ferrule	
		without/with plastic sleeve	
0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5
0.34 - 2.5	-	0.34 - 1.5	0.34 - 1.5



Technical data			
Width	Length	Height	
11	8.6	30	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm ²]	AWG (UL)
24 ¹⁾	500	0.14 - 2.5	24-16
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	300	300	-
17.5 ¹⁾ / -	10	10 / -	-
26 - 14	24-16	24-16	-
Rigid	Flexible	Ferrule	
		without/with plastic sleeve	
0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5
0.34 - 2.5	-	0.34 - 1.5	0.34 - 1.5

Ordering data		
Type	Order No.	Pcs./Pkt.
PTMC 1,5-3 /GY	3270300	10
PTMC 1,5-3 /WH	3270301	10
PTMC 1,5-3 /BU	3270420	10
PTMC 1,5-3 /RD	3270421	10
PTMC 1,5-3 /GN	3270422	10
PTMC 1,5-3 /BN	3270423	10
PTMC 1,5-3 /BK	3270424	10
PTMC 1,5-3 /VT	3270425	10
PTMC 1,5-3 /OG	3270426	10
PTMC 1,5-3 /YE	3270427	10
PTMC 1,5-3 /PK	3270428	10
FTMC 1,5-3 /GY	3270340	10
FTMC 1,5-3 /WH	3270341	10
FTMC 1,5-3 /BU	3270440	10
FTMC 1,5-3 /RD	3270441	10
FTMC 1,5-3 /GN	3270442	10
FTMC 1,5-3 /BN	3270443	10
FTMC 1,5-3 /BK	3270444	10
FTMC 1,5-3 /VT	3270445	10
FTMC 1,5-3 /OG	3270446	10
FTMC 1,5-3 /YE	3270447	10
FTMC 1,5-3 /PK	3270448	10

Ordering data		
Type	Order No.	Pcs./Pkt.
PTMC 1,5-2 /GY	3270302	10
PTMC 1,5-2 /WH	3270303	10
PTMC 1,5-2 /BU	3270430	10
PTMC 1,5-2 /RD	3270431	10
PTMC 1,5-2 /GN	3270432	10
PTMC 1,5-2 /BN	3270433	10
PTMC 1,5-2 /BK	3270434	10
PTMC 1,5-2 /VT	3270435	10
PTMC 1,5-2 /OG	3270436	10
PTMC 1,5-2 /YE	3270437	10
PTMC 1,5-2 /PK	3270438	10
FTMC 1,5-2 /GY	3270342	10
FTMC 1,5-2 /WH	3270343	10
FTMC 1,5-2 /BU	3270450	10
FTMC 1,5-2 /RD	3270451	10
FTMC 1,5-2 /GN	3270452	10
FTMC 1,5-2 /BN	3270453	10
FTMC 1,5-2 /BK	3270454	10
FTMC 1,5-2 /VT	3270455	10
FTMC 1,5-2 /OG	3270456	10
FTMC 1,5-2 /YE	3270457	10
FTMC 1,5-2 /PK	3270458	10

Accessories		
DF-PTMC-O	3270400	10
DF-PTMC-U	3270401	10
DF-PTMC-NS	3270403	10
DF-PTMC-ZB	3270410	10
DF-PTMC-3-ZB	3270405	10
MPS-MT	0201744	10
MPS-IH RD	0201676	10

Accessories		
DF-PTMC-O	3270400	10
DF-PTMC-U	3270401	10
DF-PTMC-NS	3270403	10
DF-PTMC-ZB	3270410	10
DF-PTMC-2-ZB	3270406	10
MPS-MT	0201744	10
MPS-IH RD	0201676	10

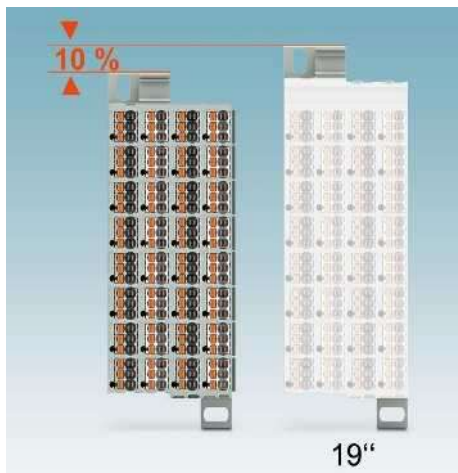
UC-TM 10, UCT-TM 10 or ZB 10
(see Catalog 3)

UC-TM 10, UCT-TM 10 or ZB 10
(see Catalog 3)

Terminal blocks – CLIPLINE complete

1.5 mm² PT Push-in connection terminal blocks

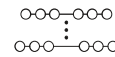
Marshalling patchboards, pre-assembled with six connections per element



- Compact design that requires less space than 19" standard versions
- Easy and tool-free wiring, thanks to Push-in connection
- Six conductors up to 2.5 mm² can be connected to one potential by means of the three conductor connections
- Large-surface marking options
- Convenient testing by means of freely accessible 2.3 mm test connections
- Optimum overview thanks to numbered marshalling patchboard elements
- Blue marshalling patchboards for use in Ex i safety circuits
- FTMC versions are available without actuation lever



Notes:
1) Derating curve available on request.



24 A, 32-pos., 192 connections



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

Description	Color
Marshalling patchboard, 32-pos., chambers: gray/white	gray
Chambers: blue	gray
Marshalling patchboard, 48-pos., chambers: gray/white	gray
Chambers: blue	gray
Marshalling patchboard, 80-pos., chambers: gray/white	gray
Chambers: blue	gray
Marshalling patchboard, without actuation lever, 32-pos., chambers: gray/white	gray
Chambers: blue	gray
Marshalling patchboard, without actuation lever, 48-pos., chambers: gray/white	gray
Chambers: blue	gray
Marshalling patchboard, without actuation lever, 80-pos., chambers: gray/white	gray
Chambers: blue	gray

Cover flange, for direct mounting above	gray
Cover flange, for direct mounting below	gray
Adapter, for mounting on a DIN rail	gray
Marker adapter, for direct mounting above and to hold marking	gray
Marker adapter, for holding the marking, width 12.2 mm	gray
Test plug metal part, 2.3 mm Ø	gray
Insulating sleeve, for MPS metal part	red

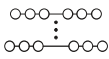
Marking

Technical data				
Width	Length	Height		
44	102	30		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
24 ¹⁾	500	0.14 - 2.5	24-16	
IEC 60947-7-1				
IEC	UL / CUL	CSA	IEC/ EN 60079-7	
Rated voltage	300	300	-	
Nominal current / cross section	10	10 / -	-	
Cross section range	24-16	24-16	-	
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve
1 conductor	[mm ²]	0.14 - 2.5	0.14 - 1.5	0.14 - 1.5 0.14 - 1.5
Connection cross sections directly plug-in	[mm ²]	0.34 - 2.5	-	0.34 - 1.5 0.34 - 1.5

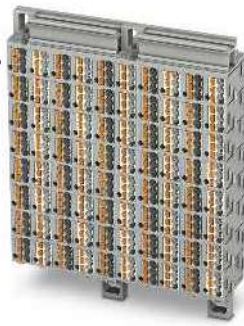
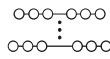
Ordering data			
Type	Order No.	Pcs./Pkt.	
PTMC 1,5/32-3	3270310	18	
PTMC 1,5/32-3 /BU	3270312	18	
FTMC 1,5/32-3	3270350	18	
FTMC 1,5/32-3 /BU	3270352	18	

Accessories			
DF-PTMC-O	3270400	10	
DF-PTMC-U	3270401	10	
DF-PTMC-NS	3270403	10	
DF-PTMC-ZB	3270410	10	
DF-PTMC-3-ZB	3270405	10	
MPS-MT	0201744	10	
MPS-IH RD	0201676	10	

UC-TM 10, UCT-TM 10 or ZB 10 (see Catalog 3)



24 A, 48-pos., 288 connections



24 A, 80-pos., 480 connections



Technical data			
Width	Length	Height	
66	102	30	
I_{max} [A]	U_{max} [V]	max. \varnothing [mm ²]	AWG (UL)
24 ¹⁾	500	0.14 - 2.5	24-16
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	300	300	-
17.5 ¹⁾ / -	10	10 / -	-
26 - 14	24-16	24-16	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5
0.34 - 2.5	-	0.34 - 1.5	0.34 - 1.5

Ordering data		
Type	Order No.	Pcs./Pkt.
PTMC 1,5/48-3	3270318	10
PTMC 1,5/48-3 /BU	3270320	10
FTMC 1,5/48-3	3270358	10
FTMC 1,5/48-3 /BU	3270360	10

Accessories		
DF-PTMC-O	3270400	10
DF-PTMC-U	3270401	10
DF-PTMC-NS	3270403	10
DF-PTMC-ZB	3270410	10
DF-PTMC-3-ZB	3270405	10
MPS-MT	0201744	10
MPS-IH RD	0201676	10

UC-TM 10, UCT-TM 10 or ZB 10
(see Catalog 3)



Technical data			
Width	Length	Height	
110	102	30	
I_{max} [A]	U_{max} [V]	max. \varnothing [mm ²]	AWG (UL)
24 ¹⁾	500	0.14 - 2.5	24-16
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	300	300	-
17.5 ¹⁾ / -	10	10 / -	-
26 - 14	24-16	24-16	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5
0.34 - 2.5	-	0.34 - 1.5	0.34 - 1.5

Ordering data		
Type	Order No.	Pcs./Pkt.
PTMC 1,5/80-3	3270324	6
PTMC 1,5/80-3 /BU	3270326	6
FTMC 1,5/80-3	3270364	6
FTMC 1,5/80-3 /BU	3270366	6

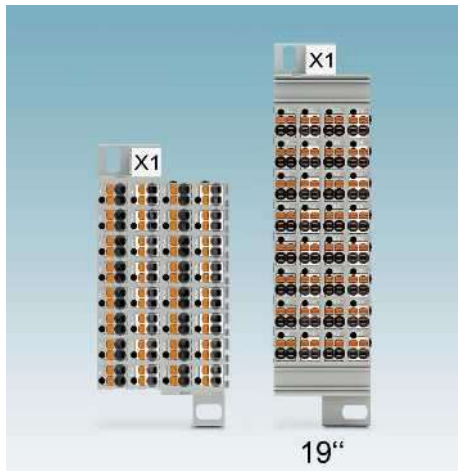
Accessories		
DF-PTMC-O	3270400	10
DF-PTMC-U	3270401	10
DF-PTMC-NS	3270403	10
DF-PTMC-ZB	3270410	10
DF-PTMC-3-ZB	3270405	10
MPS-MT	0201744	10
MPS-IH RD	0201676	10

UC-TM 10, UCT-TM 10 or ZB 10
(see Catalog 3)

Terminal blocks – CLIPLINE complete

1.5 mm² PT Push-in connection terminal blocks

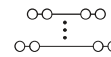
Marshalling patchboards, pre-assembled with four connections per element



- Maximum signal density with 20% less space required than 19" standard versions
- Easy and tool-free wiring thanks to Push-in connection
- Six conductors up to 2.5 mm² can be connected to one potential by means of the three conductor connections
- Large-surface marking options
- Convenient testing by means of freely accessible 2.3 mm test connections
- Optimum overview thanks to numbered marshalling patchboard elements
- Blue marshalling patchboards for use in Ex i safety circuits
- FTMC versions are available without actuation lever

Notes:

1) Derating curve available on request.



24 A, 32-pos., 128 connections



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

Description	Color
Marshalling patchboard, 32-pos., chambers: gray/white	gray
Chambers: blue	gray
Marshalling patchboard, 48-pos., chambers: gray/white	gray
Chambers: blue	gray
Marshalling patchboard, 80-pos., chambers: gray/white	gray
Chambers: blue	gray
Marshalling patchboard, without actuation lever, 32-pos., chambers: gray/white	gray
Chambers: blue	gray
Marshalling patchboard, without actuation lever, 48-pos., chambers: gray/white	gray
Chambers: blue	gray
Marshalling patchboard, without actuation lever, 80-pos., chambers: gray/white	gray
Chambers: blue	gray

Cover flange, for direct mounting above	gray
Cover flange, for direct mounting below	gray
Adapter, for mounting on a DIN rail	gray
Marker adapter, for direct mounting above and to hold marking	gray
Marker adapter, for holding the marking, width 8.5 mm	gray
Test plug metal part, 2.3 mm Ø	gray
Insulating sleeve, for MPS metal part	red

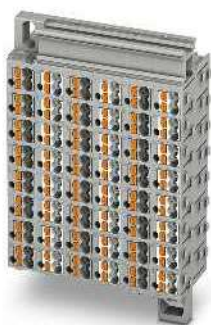
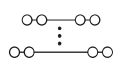
Marking

Technical data				
Width	Length	Height		
44	73.2	30		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
24 ¹⁾	500	0.14 - 2.5	24-16	
IEC 60947-7-1				
IEC	UL / CUL	CSA	IEC/ EN 60079-7	
Rated voltage	300	300	-	
Nominal current / cross section	17.5 ¹⁾ / -	10	10 / -	
Cross section range	26 - 14	24-16	24-16	
Connection capacity				
	Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5
Connection cross sections directly plug-in	0.34 - 2.5	-	0.34 - 1.5	0.34 - 1.5

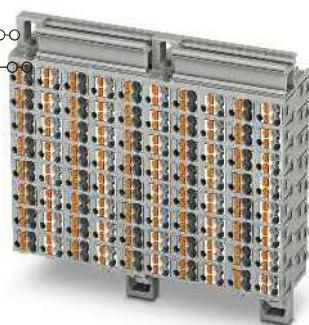
Ordering data			
Type	Order No.	Pcs./Pkt.	
PTMC 1,5/32-2	3270314	18	
PTMC 1,5/32-2 /BU	3270315	18	
FTMC 1,5/32-2	3270354	18	
FTMC 1,5/32-2 /BU	3270355	18	

Accessories			
DF-PTMC-O	3270400	10	
DF-PTMC-U	3270401	10	
DF-PTMC-NS	3270403	10	
DF-PTMC-ZB	3270410	10	
DF-PTMC-2-ZB	3270406	10	
MPS-MT	0201744	10	
MPS-IH RD	0201676	10	

UC-TM 10, UCT-TM 10 or ZB 10 (see Catalog 3)



24 A, 48-pos., 192 connections



24 A, 80-pos., 320 connections



Technical data			
Width	Length	Height	
66	73.2	30	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. \varnothing [mm ²]	AWG (UL)
24 ¹⁾	500	0.14 - 2.5	24-16
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	300	300	-
17.5 ¹⁾ / -	10	10 / -	-
26 - 14	24-16	24-16	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5
0.34 - 2.5	-	0.34 - 1.5	0.34 - 1.5



Technical data			
Width	Length	Height	
110	73.2	30	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. \varnothing [mm ²]	AWG (UL)
24 ¹⁾	500	0.14 - 2.5	24-16
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	300	300	-
17.5 ¹⁾ / -	10	10 / -	-
26 - 14	24-16	24-16	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5
0.34 - 2.5	-	0.34 - 1.5	0.34 - 1.5

Ordering data		
Type	Order No.	Pcs./Pkt.
PTMC 1,5/48-2	3270322	10
PTMC 1,5/48-2 /BU	3270323	10
FTMC 1,5/48-2	3270362	10
FTMC 1,5/48-2 /BU	3270363	10

Ordering data		
Type	Order No.	Pcs./Pkt.
PTMC 1,5/80-2	3270329	6
PTMC 1,5/80-2 /BU	3270330	6
FTMC 1,5/80-2	3270368	6
FTMC 1,5/80-2 /BU	3270369	6

Accessories		
DF-PTMC-O	3270400	10
DF-PTMC-U	3270401	10
DF-PTMC-NS	3270403	10
DF-PTMC-ZB	3270410	10
DF-PTMC-2-ZB	3270406	10
MPS-MT	0201744	10
MPS-IH RD	0201676	10

Accessories		
DF-PTMC-O	3270400	10
DF-PTMC-U	3270401	10
DF-PTMC-NS	3270403	10
DF-PTMC-ZB	3270410	10
DF-PTMC-2-ZB	3270406	10
MPS-MT	0201744	10
MPS-IH RD	0201676	10

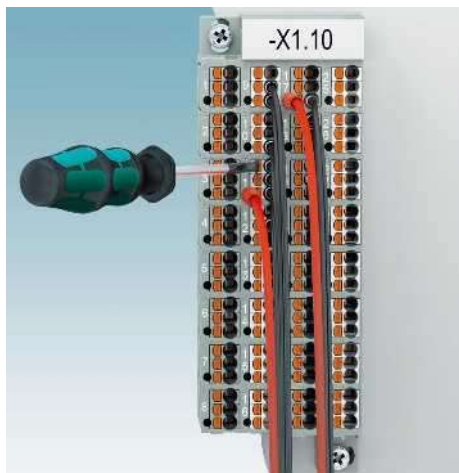
UC-TM 10, UCT-TM 10 or ZB 10
(see Catalog 3)

UC-TM 10, UCT-TM 10 or ZB 10
(see Catalog 3)

Terminal blocks – CLIPLINE complete

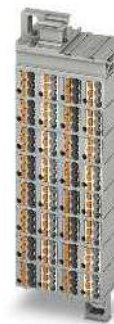
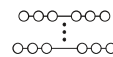
1.5 mm² PT Push-in connection terminal blocks

Marshalling patchboards for 19", six connections per element



- Size in accordance with standard DIN EN 60297-3-101 for 19" housing
- Easy and tool-free wiring thanks to Push-in connection
- Six conductors up to 2.5 mm² can be connected to one potential by means of the three conductor connections
- Large-surface marking options
- Convenient testing by means of freely accessible 2.3 mm test connections
- Optimum overview thanks to numbered marshalling patchboard elements
- Blue marshalling patchboards for use in Ex i safety circuits
- FTMC versions are available without actuation lever

Notes:
1) Derating curve available on request.



24 A, 32-pos., 192 connections, 6 connections per element



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

Technical data				
Width	Length	Height		
44	111	30		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
24 ¹⁾	500	0.14 - 2.5	24-16	
IEC 60947-7-1				
IEC	UL / CUL	CSA	IEC/EN 60079-7	
Rated voltage	300	300	-	
Nominal current / cross section	17.5 ¹⁾ / -	10	10 / -	
Cross section range	26 - 14	24-16	24-16	
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve
1 conductor	[mm ²]	0.14 - 2.5	0.14 - 1.5	0.14 - 1.5 0.14 - 1.5
Connection cross sections directly plug-in	[mm ²]	0.34 - 2.5	-	0.34 - 1.5 0.34 - 1.5

Description	Color
Marshalling patchboard , 32-pos., chambers: gray/white	gray
Chambers: blue	gray
Marshalling patchboard , 32-pos., colors of individual elements comply with color code VDE 0815	gray
Marshalling patchboard , 48-pos., chambers: gray/white	gray
Chambers: blue	gray
Marshalling patchboard , 80-pos., chambers: gray/white	gray
Chambers: blue	gray
Marshalling patchboard , without actuation lever, 32-pos., chambers: gray/white	gray
Chambers: blue	gray
Marshalling patchboard , without actuation lever, 48-pos., chambers: gray/white	gray
Chambers: blue	gray
Marshalling patchboard , without actuation lever, 80-pos., chambers: gray/white	gray

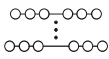
Ordering data			
Type	Order No.	Pcs./Pkt.	
PTMC 1,5/32-3 19Z	3270311	18	
PTMC 1,5/32-3 /BU 19Z	3270313	18	
FTMC 1,5/32-3 19Z	3270351	18	
FTMC 1,5/32-3 /BU 19Z	3270353	18	

Cover flange , for direct mounting above	gray
Cover flange , for direct mounting below	gray
Adapter , for mounting on a DIN rail	gray
Marker adapter , for direct mounting above and to hold marking	gray

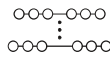
Accessories		
Type	Order No.	Pcs./Pkt.
DF-PTMC-O	3270400	10
DF-PTMC-U	3270401	10
DF-PTMC-NS	3270403	10
DF-PTMC-ZB	3270410	10

Marking

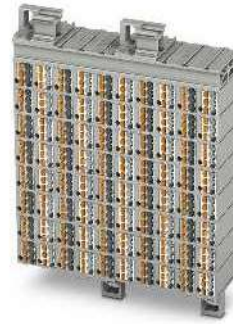
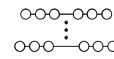
UC-TM 10, UCT-TM 10 or ZB 10 (see Catalog 3)



**24 A, 32-pos., 192 connections,
6 connections per element**



**24 A, 48-pos., 288 connections,
6 connections per element**



**24 A, 80-pos., 480 connections,
6 connections per element**

ERC

ERC

ERC

Technical data			
Width	Length	Height	
44	111	30	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. \varnothing [mm ²]	AWG (UL)
24	500	0.14 - 2.5	-
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	-	-	-
17.5 / -	-	-	-
26 - 14	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5
0.34 - 2.5	-	0.34 - 1.5	0.34 - 1.5

Technical data			
Width	Length	Height	
66	111	30	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. \varnothing [mm ²]	AWG (UL)
24 ¹⁾	500	0.14 - 2.5	24-16
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	300	300	-
17.5 ¹⁾ / -	10	10 / -	-
26 - 14	24-16	24-16	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5
0.34 - 2.5	-	0.34 - 1.5	0.34 - 1.5

Technical data			
Width	Length	Height	
110	111	30	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. \varnothing [mm ²]	AWG (UL)
24 ¹⁾	500	0.14 - 2.5	24-16
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	300	300	-
17.5 ¹⁾ / -	10	10 / -	-
26 - 14	24-16	24-16	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5
0.34 - 2.5	-	0.34 - 1.5	0.34 - 1.5

Ordering data		
Type	Order No.	Pcs./Pkt.
PTMC 1,5/32-3 VDE0815 19Z	3270394	18

Ordering data		
Type	Order No.	Pcs./Pkt.
PTMC 1,5/48-3 19Z	3270319	10
PTMC 1,5/48-3 /BU 19Z	3270321	10
FTMC 1,5/48-3 19Z	3270359	10
FTMC 1,5/48-3 /BU 19Z	3270361	10

Ordering data		
Type	Order No.	Pcs./Pkt.
PTMC 1,5/80-3 19Z	3270325	6
PTMC 1,5/80-3 /BU 19Z	3270327	6
FTMC 1,5/80-3 19Z	3270365	6
FTMC 1,5/80-3 /BU 19Z	3270367	6

Accessories		
DF-PTMC-O	3270400	10
DF-PTMC-U	3270401	10
DF-PTMC-NS	3270403	10
DF-PTMC-ZB	3270410	10

Accessories		
DF-PTMC-O	3270400	10
DF-PTMC-U	3270401	10
DF-PTMC-NS	3270403	10
DF-PTMC-ZB	3270410	10

Accessories		
DF-PTMC-O	3270400	10
DF-PTMC-U	3270401	10
DF-PTMC-NS	3270403	10
DF-PTMC-ZB	3270410	10

UC-TM 10, UCT-TM 10 or ZB 10
(see Catalog 3)

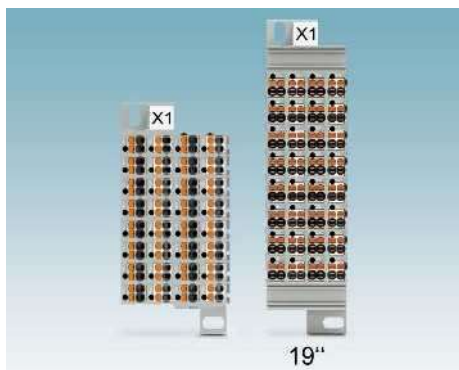
UC-TM 10, UCT-TM 10 or ZB 10
(see Catalog 3)

UC-TM 10, UCT-TM 10 or ZB 10
(see Catalog 3)

Terminal blocks – CLIPLINE complete

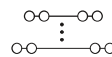
1.5 mm² PT Push-in connection terminal blocks

Marshalling patchboards for 19", six connections per element



- PTMC 1,5/32-2H 19Z version with compact overall width of 34.4 mm and four connections per element
- Easy and tool-free wiring thanks to Push-in connection
 - Convenient testing by means of freely accessible 2.3 mm test connections
 - Optimum overview thanks to numbered marshalling patchboard elements
 - Blue marshalling patchboards for use in Ex i safety circuits
 - FTMC versions are available without actuation lever

Notes:
1) Derating curve available on request.



24 A, 32-pos., 128 connections



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

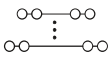
Technical data			
Width	Length	Height	
34.4	111	30	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
24 ¹⁾	500	0.14 - 2.5	24-16
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	300	300	-
17.5 ¹⁾ / -	10	10 / -	-
26 - 14	24-16	24-16	-
Connection capacity		Ferrule	
Rigid	Flexible	without/with plastic sleeve	
0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5
0.34 - 2.5	-	0.34 - 1.5	0.34 - 1.5

Description	Color
Marshalling patchboard , 32-pos., four connections per chamber, chambers: gray/white	gray
Chambers: blue	gray
marked A - H	gray
Marshalling patchboard , 32-pos., four connections per chamber, marking 1 - 32, chambers: colors of individual elements comply with color code VDE 0815	gray
Marshalling patchboard , 32-pos., four connections per chamber, marking A - H, chambers: colors of individual elements comply with color code VDE 0815	gray
Marshalling patchboard , 32-pos., four connections per chamber, without actuation lever, chambers: gray/white	gray
Chambers: blue	gray
Cover flange , for direct mounting above	gray
Cover flange , for direct mounting below	gray
Adapter , for mounting on a DIN rail	gray
Marker adapter , for direct mounting above and to hold marking	gray

Ordering data		
Type	Order No.	Pcs./Pkt.
PTMC 1,5/32-2H 19Z	3270316	24
PTMC 1,5/32-2H /BU 19Z	3270317	24
PTMC 1,5/32-2H 19Z A-H	3270392	24
FTMC 1,5/32-2H 19Z	3270356	24
FTMC 1,5/32-2H /BU 19Z	3270357	24

Accessories		
Type	Order No.	Pcs./Pkt.
DF-PTMC-O	3270400	10
DF-PTMC-U	3270401	10
DF-PTMC-NS	3270403	10
DF-PTMC-ZB	3270410	10

Marking	UC-TM 10, UCT-TM 10 or ZB 10 (see Catalog 3)
----------------	----------------------------------------------



24 A, 32-pos., 128 connections

EAC

Technical data

Width	Length	Height	
34.4	111	30	
I_{max} [A]	U_{max} [V]	max. \varnothing [mm ²]	AWG (UL)
24 ¹⁾	500	0.14 - 2.5	-
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	-	-	-
17.5 ¹⁾ / -	-	-	-
26 - 14	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5
0.34 - 2.5	-	0.34 - 1.5	0.34 - 1.5

Ordering data

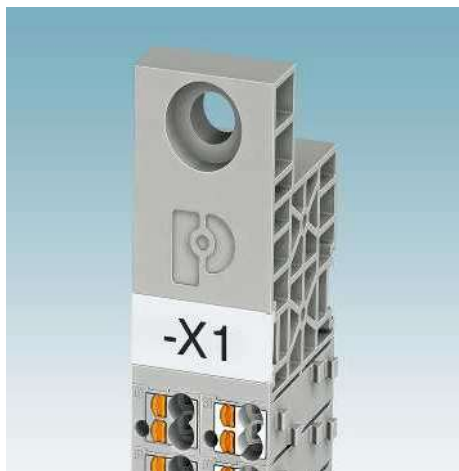
Type	Order No.	Pcs./Pkt.
PTMC 1,5/32-2H VDE0815 19Z	3270395	24
PTMC 1,5/32-2H VDE0815 19Z A-H	3270393	24

Accessories

DF-PTMC-O	3270400	10
DF-PTMC-U	3270401	10
DF-PTMC-NS	3270403	10
DF-PTMC-ZB	3270410	10

UC-TM 10, UCT-TM 10 or ZB 10
(see Catalog 3)

Marshalling patchboards



Special 18-bit marshalling patchboard for transportation technology

- Compact overall width of just 22 mm and four connections per element
- Special fastening adapter for easy wall mounting
- Easy and tool-free wiring thanks to Push-in connection
- Convenient testing by means of freely accessible 2.3 mm test connections
- Optimum overview thanks to numbered marshalling patchboard elements



**24 A, 18-pos., 72 connections,
2 connections per element**



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

Technical data			
Width	Length	Height	
22	131	30	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
24	500	0.14 - 2.5	24-16
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC / EN 60079-7
500	300	300	-
17.5 / -	10	10 / -	-
26 - 14	24-16	24-16	-
Connection capacity		Rigid	Flexible
			Ferrule without/with plastic sleeve
1 conductor	[mm ²]	0.14 - 2.5	0.14 - 1.5
Connection cross sections directly plug-in	[mm ²]	0.34 - 2.5	-

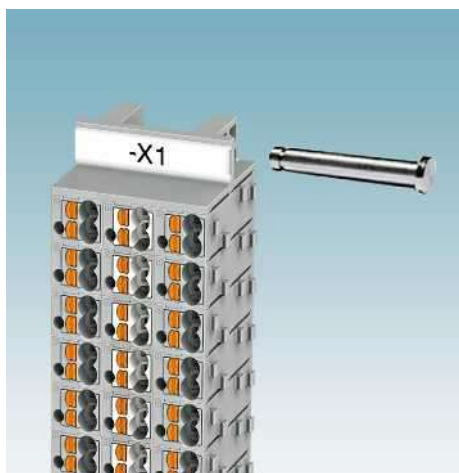
Description	Color
Marshalling patchboard , 18-pos., chambers: gray/white	gray
Cover flange , for direct mounting above	gray
Cover flange , for direct mounting below	gray
Adapter , for mounting on a DIN rail	gray
Marker adapter , for direct mounting above and to hold marking	gray
Marking	

Ordering data		
Type	Order No.	Pcs./Pkt.
PTMC 1,5/18	3270390	8

Accessories		
DF-PTMC-O	3270400	10
DF-PTMC-U	3270401	10
DF-PTMC-NS	3270403	10
DF-PTMC-ZB	3270410	10

UC-TM 10, UCT-TM 10 or ZB 10 (see Catalog 3)

Marshalling patchboards



- Special 54-bit marshalling patchboard for transportation technology
- Compact overall width of just 33 mm and four connections per element
 - Special fastening adapter for bolt mounting
 - Easy and tool-free wiring thanks to Push-in connection
 - Convenient testing by means of freely accessible 2.3 mm test connections
 - Optimum overview thanks to numbered marshalling patchboard elements



24 A, 54-pos., 204 connections, 2 connections per element



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

Technical data				
Width	Length	Height		
33	157.4	30		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
24	500	0.14 - 2.5	24-16	
IEC 60947-7-1				
IEC	UL / CUL	CSA	IEC/ EN 60079-7	
500	300	300	-	
17.5 / -	10	10 / -	-	
26 - 14	24-16	24-16	-	
Connection capacity		Rigid	Flexible	Ferrule
				without/with plastic sleeve
1 conductor	[mm ²]	0.14 - 2.5	0.14 - 1.5	0.14 - 1.5
Connection cross sections directly plug-in	[mm ²]	0.34 - 2.5	-	-

Ordering data	
Description	Color
Marshalling patchboard, 54-pos., chambers: gray/white	gray
Cover flange, for direct mounting above	gray
Cover flange, for direct mounting below	gray
Adapter, for mounting on a DIN rail	gray
Marker adapter, for direct mounting above and to hold marking	gray
Marking	

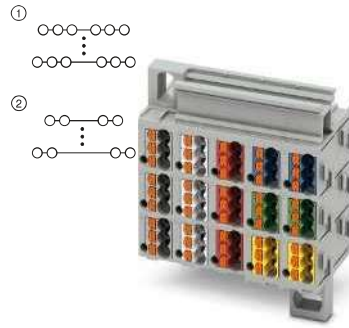
Ordering data			
Type	Order No.	Pcs./Pkt.	
PTMC 1,5/54	3270391	15	
Accessories			
DF-PTMC-O	3270400	10	
DF-PTMC-U	3270401	10	
DF-PTMC-NS	3270403	10	
DF-PTMC-ZB	3270410	10	
Marking			
UC-TM 10, UCT-TM 10 or ZB 10 (see Catalog 3)			

1.5 mm² PT Push-in connection terminal blocks

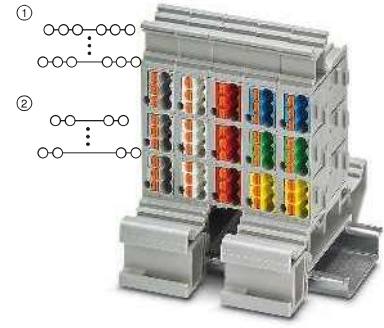
Marshalling patchboards for free assembly

- The marshalling patchboards can be easily configured and ordered with just a click of the mouse in the product area on our website at phoenixcontact.net/products
- To order via fax or e-mail, please use the ordering data as shown in the ordering example on the following page

Notes:
1) For additional accessories and technical data, see page 38.
2) Derating curve available on request.



22 A, direct mounting



22 A, DIN rail mounting



Dimensions	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Connection capacity	
1 conductor	[mm ²]
Connection cross sections directly plug-in	[mm ²]

Technical data ¹⁾				
Width	Length	Height		
-	30	16.6		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
22 ²⁾	500	0.14 - 2.5	24-16	
IEC	UL / CUL	CSA	Ex	
500	300	300	-	
10 ²⁾ / 1.5	10 / -	10 / -	- / -	
Rigid	Flexible	Ferrule without/with plastic sleeve		
0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5	
0.34 - 2.5	0.34 - 1.5	0.34 - 1.5	0.34 - 1.5	

Technical data ¹⁾				
Width	Length	Height		
-	63	26.2 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
22 ²⁾	500	0.14 - 2.5	24-16	
IEC	UL / CUL	CSA	Ex	
500	300	300	-	
10 ²⁾ / 1.5	10 / -	10 / -	- / -	
Rigid	Flexible	Ferrule without/with plastic sleeve		
0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5	
0.34 - 2.5	0.34 - 1.5	0.34 - 1.5	0.34 - 1.5	

Description	Color
Marshalling patchboard, 3 connections, 1-row	gray
2-row	gray
3-row	gray
4-row	gray
5-row	gray
6-row	gray
7-row	gray
8-row	gray
Marshalling patchboard, 2 connections, 1-row	gray
2-row	gray
3-row	gray
4-row	gray
5-row	gray
6-row	gray
7-row	gray
8-row	gray
Marshalling patchboard, without actuation lever, 3 connections, 1-row	gray
2-row	gray
3-row	gray
4-row	gray
5-row	gray
6-row	gray
7-row	gray
8-row	gray
Marshalling patchboard, without actuation lever, 2 connections, 1-row	gray
2-row	gray
3-row	gray
4-row	gray
5-row	gray
6-row	gray
7-row	gray
8-row	gray

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTMC 1,5 /1-3 -DF	3001929	1	①
PTMC 1,5 /2-3 -DF	3001930	1	①
PTMC 1,5 /3-3 -DF	3001931	1	①
PTMC 1,5 /4-3 -DF	3001932	1	①
PTMC 1,5 /5-3 -DF	3001933	1	①
PTMC 1,5 /6-3 -DF	3001934	1	①
PTMC 1,5 /7-3 -DF	3001935	1	①
PTMC 1,5 /8-3 -DF	3001936	1	①
PTMC 1,5 /1-2 -DF	3001937	1	②
PTMC 1,5 /2-2 -DF	3001940	1	②
PTMC 1,5 /3-2 -DF	3001942	1	②
PTMC 1,5 /4-2 -DF	3001943	1	②
PTMC 1,5 /5-2 -DF	3001944	1	②
PTMC 1,5 /6-2 -DF	3001945	1	②
PTMC 1,5 /7-2 -DF	3001946	1	②
PTMC 1,5 /8-2 -DF	3001947	1	②
FTMC 1,5 /1-3 -DF	3001975	1	①
FTMC 1,5 /2-3 -DF	3001976	1	①
FTMC 1,5 /3-3 -DF	3001977	1	①
FTMC 1,5 /4-3 -DF	3001978	1	①
FTMC 1,5 /5-3 -DF	3001979	1	①
FTMC 1,5 /6-3 -DF	3001980	1	①
FTMC 1,5 /7-3 -DF	3001981	1	①
FTMC 1,5 /8-3 -DF	3001982	1	①
FTMC 1,5 /1-2 -DF	3001984	1	②
FTMC 1,5 /2-2 -DF	3001985	1	②
FTMC 1,5 /3-2 -DF	3001986	1	②
FTMC 1,5 /4-2 -DF	3001987	1	②
FTMC 1,5 /5-2 -DF	3001988	1	②
FTMC 1,5 /6-2 -DF	3001989	1	②
FTMC 1,5 /7-2 -DF	3001990	1	②
FTMC 1,5 /8-2 -DF	3001991	1	②

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTMC 1,5 /1-3 -NS	3001905	1	①
PTMC 1,5 /2-3 -NS	3001906	1	①
PTMC 1,5 /3-3 -NS	3001907	1	①
PTMC 1,5 /4-3 -NS	3001908	1	①
PTMC 1,5 /5-3 -NS	3001910	1	①
PTMC 1,5 /6-3 -NS	3001911	1	①
PTMC 1,5 /7-3 -NS	3001913	1	①
PTMC 1,5 /8-3 -NS	3001914	1	①
PTMC 1,5 /1-2 -NS	3001915	1	②
PTMC 1,5 /2-2 -NS	3001916	1	②
PTMC 1,5 /3-2 -NS	3001917	1	②
PTMC 1,5 /4-2 -NS	3001918	1	②
PTMC 1,5 /5-2 -NS	3001919	1	②
PTMC 1,5 /6-2 -NS	3001920	1	②
PTMC 1,5 /7-2 -NS	3001921	1	②
PTMC 1,5 /8-2 -NS	3001922	1	②
FTMC 1,5 /1-3 -NS	3001957	1	①
FTMC 1,5 /2-3 -NS	3001958	1	①
FTMC 1,5 /3-3 -NS	3001959	1	①
FTMC 1,5 /4-3 -NS	3001960	1	①
FTMC 1,5 /5-3 -NS	3001961	1	①
FTMC 1,5 /6-3 -NS	3001962	1	①
FTMC 1,5 /7-3 -NS	3001963	1	①
FTMC 1,5 /8-3 -NS	3001964	1	①
FTMC 1,5 /1-2 -NS	3001965	1	②
FTMC 1,5 /2-2 -NS	3001966	1	②
FTMC 1,5 /3-2 -NS	3001968	1	②
FTMC 1,5 /4-2 -NS	3001969	1	②
FTMC 1,5 /5-2 -NS	3001971	1	②
FTMC 1,5 /6-2 -NS	3001972	1	②
FTMC 1,5 /7-2 -NS	3001973	1	②
FTMC 1,5 /8-2 -NS	3001974	1	②

Accessories ¹⁾	
Cover flange, for direct mounting above	gray
Cover flange, for direct mounting below	gray
Adapter, for mounting on a DIN rail	gray
Marker adapter, for direct mounting above and to hold marking	gray
Marker adapter, for holding the marking, width 12.2 mm	gray
Marker adapter, for holding the marking, width 8.5 mm	gray

Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
DF-PTMC-O	3270400	10	
DF-PTMC-U	3270401	10	
DF-PTMC-NS	3270403	10	
DF-PTMC-ZB	3270410	10	
DF-PTMC-3-ZB	3270405	10	
DF-PTMC-2-ZB	3270406	10	

Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
DF-PTMC-O	3270400	10	
DF-PTMC-U	3270401	10	
DF-PTMC-NS	3270403	10	
DF-PTMC-ZB	3270410	10	
DF-PTMC-3-ZB	3270405	10	
DF-PTMC-2-ZB	3270406	10	

Marking UC-TM 10, UCT-TM 10 or ZB 10 (see Catalog 3)

Marking UC-TM 10, UCT-TM 10 or ZB 10 (see Catalog 3)

Ordering example: Configurable marshaling patchboard

Ordering example:

A marshaling patchboard should be configured as follows:

Push button, screw fixing of marshaling patchboard, three connections per individual element.
Four rows in the X direction and ten columns in the Y direction.

Please select order number **3001932** from the configurable items.
In the order designation, the 4 means -> four rows in the X direction
In the order designation, the 3 means -> three connections

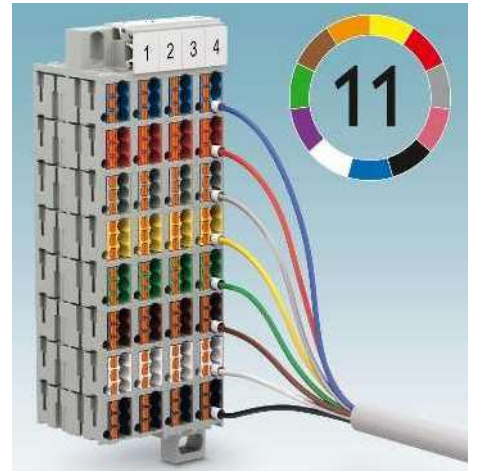
Row 1: blue
Row 2: red
Row 3: gray
Row 4: yellow

Only rows of the same color are viable in the X direction.
Please state the number of columns when ordering. A minimum of 2 columns and a maximum of 20 columns can be ordered.

Please order marker adapter, DF-PTMC-ZB Order No. **3270410**, as an accessory.

Available colors:

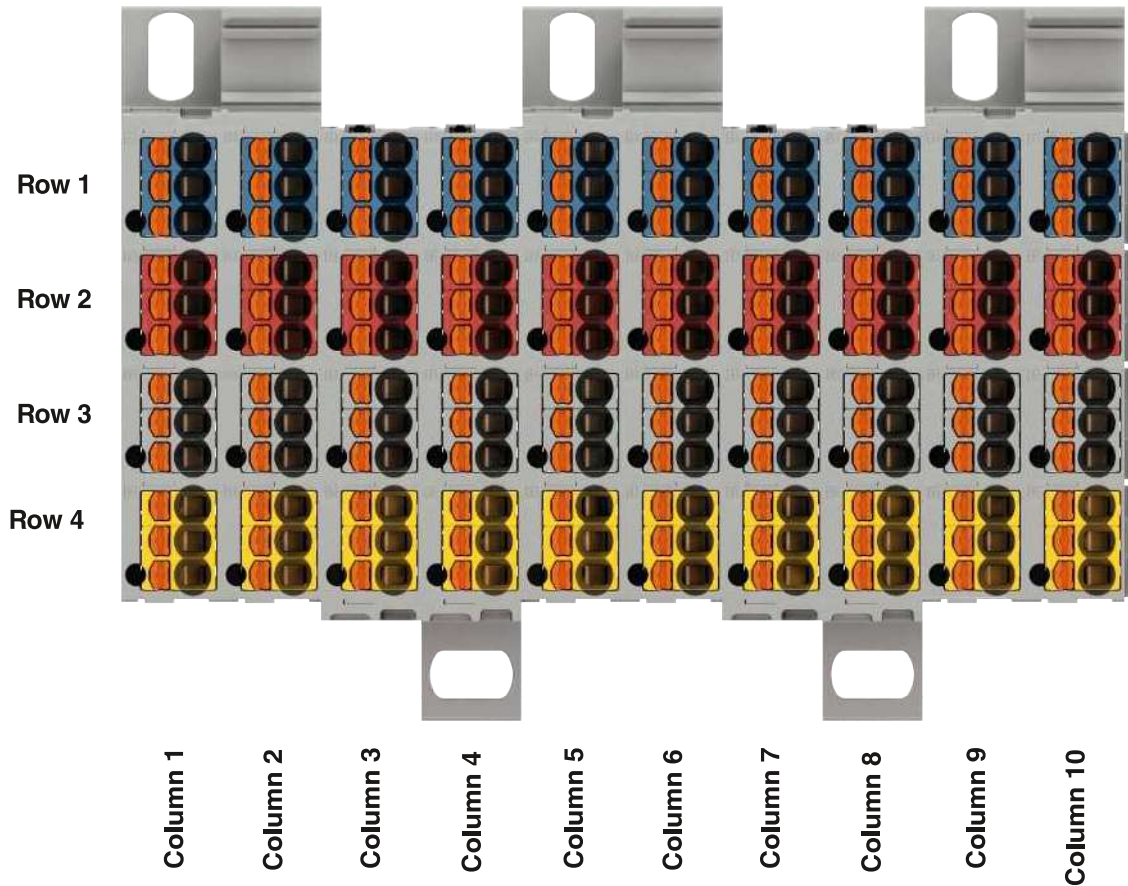
- BU ■ Blue
- RD ■ Red
- GY ■ Gray
- YE ■ Yellow
- GN ■ Green
- BN ■ Brown
- WH ■ White
- BK ■ Black
- VT ■ Purple
- OG ■ Orange
- PK ■ Pink



The order data for this ordering example is therefore:

Order No.	Columns	Row 1	Row 2	Row 3	Row 4
3001932	10	BU	RD	GY	YE

Fixing material for panel or DIN rail mounting will be supplied in sufficient quantities.



Terminal blocks – CLIPLINE complete

2.5 mm² PT Push-in connection terminal blocks

General technical data

Rated data		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm ²]	2.5			
Cross section range	AWG	26 - 12			
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	[mm ²]	0.14 - 4	0.14 - 2.5	0.14 - 2.5	0.14 - 2.5
2 flexible conductors with a TWIN ferrule	[mm ²]	-	-	-	0.5
Connection cross sections directly plug-in	[mm ²]	0.34 - 4	-	0.34 - 2.5	0.34 - 2.5
General data					
Stripping length	[mm]	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:



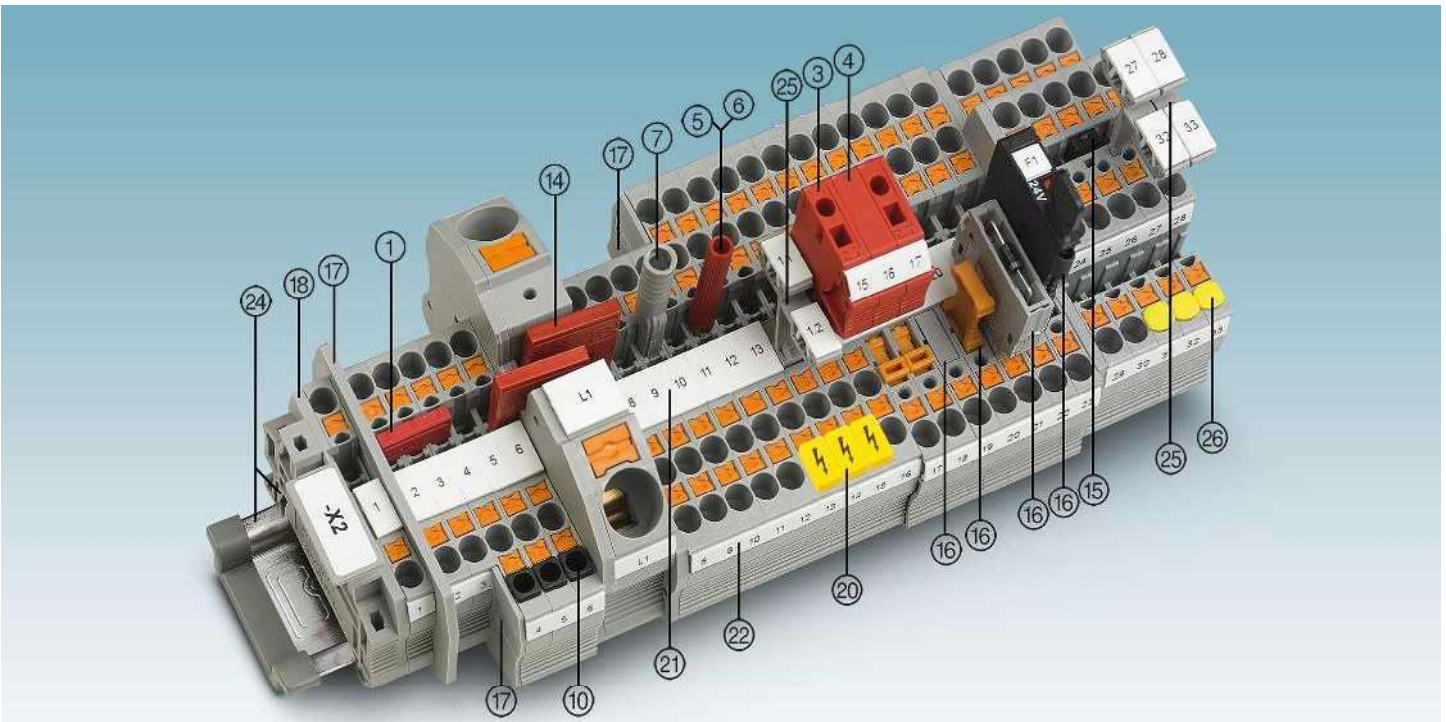
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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

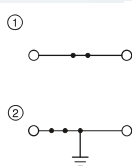


Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① Bridge ¹⁾	2	red	FBS 2-5	3030161	50	FBSR 2-5	3033702	50
	3	red	FBS 3-5	3030174	50	FBSR 3-5	3001591	50
	4	red	FBS 4-5	3030187	50	FBSR 4-5	3001592	50
	5	red	FBS 5-5	3030190	50	FBSR 5-5	3001593	50
	10	red	FBS 10-5	3030213	10	FBSR 10-5	3033710	10
	20	red	FBS 20-5	3030226	10			
③ Modular test plug		red	PS-5	3030983	10			
④ Spacer plate		red	DP PS-5	3036725	10			
⑤ Test plug metal part		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			
⑩ Insulating sleeve		white	ISH 2,5/0,2	3002843	50			
	0.25 - 0.5 mm ²	gray	ISH 2,5/0,5	3002856	50			
	0.75 - 1 mm ²	black	ISH 2,5/1,0	3002869	50			
Screwdriver			SZF 1-0,6X3,5	1204517	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 Center groove labeling	UC-TM 5, UCT-TM 5 or ZB 5. See also Catalog 3, selection tables, from page 60.
㉒ Center and side groove labeling	UC-TMF 5, UCT-TMF 5 or ZBF 5. See also Catalog 3, selection tables, from page 60.
㉓ DIN rail and end bracket	See Catalog 3
㉔ Marker carrier	For STP ..., see page 418.
㉕ Cover for conductor shaft	For CEC ..., see page 421.
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 70.
 For information on installation and using accessories for Ex applications, see page 678.



28 A, feed-through terminal block

CE, UL, EAC, ClassNK, CB
 Ex: Ex, EAC Ex, IEC Ex
 PTB 09ATEX1111U / IECEx PTB 10.0021U

Technical data¹⁾

Dimensions	[mm]
Width	5.2
Length	48.5
Height	36.5 (NS 35/7,5)
Maximum electrical data	
I_{max} [A]	28
U_{max} [V]	800
max. Ø [mm ²]	0.14 - 4
AWG (UL)	26-12
Maximum bridge current	24 (FBS) / 17.5 (FBBSR) [A]
Rated data	
Rated voltage	800 [V]
IEC	UL / CUL
CSA	Ex
Nominal current / cross section	24 / 2.5 [A] / [mm ²]
UL / CUL	600
CSA	600
Ex	550
	20 / -
	20 / -
	19 / 2.5

Ordering data

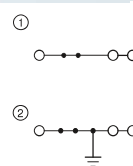
Description	Color
Terminal block	gray blue
Ground terminal	green-yellow

Type	Order No.	Pcs./Pkt.
PT 2,5	① 3209510	50
PT 2,5 BU	① 3209523	50
PT 2,5-PE	② 3209536	50

Accessories¹⁾

Cover, width: 2.2 mm	gray
Cover, 0.8 mm width	orange

D-ST 2,5	3030417	50
D-ST 2,5-0,8 OG	3030511	50



28 A, feed-through terminal block, 3 connections

CE, UL, EAC, ClassNK, CB
 Ex: Ex, EAC Ex, IEC Ex
 PTB 09ATEX1111U / IECEx PTB 10.0021U

Technical data¹⁾

Dimensions	[mm]
Width	5.2
Length	60.5
Height	36.5 (NS 35/7,5)
Maximum electrical data	
I_{max} [A]	28
U_{max} [V]	800
max. Ø [mm ²]	0.14 - 4
AWG (UL)	26-12
Maximum bridge current	24 (FBS) / 17.5 (FBBSR) [A]
Rated data	
Rated voltage	800 [V]
IEC	UL / CUL
CSA	Ex
Nominal current / cross section	24 / 2.5 [A] / [mm ²]
UL / CUL	600
CSA	600
Ex	550
	20 / -
	20 / -
	19 / 2.5

Ordering data

Description	Color
Terminal block	gray blue
Ground terminal	green-yellow

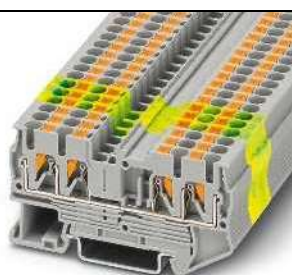
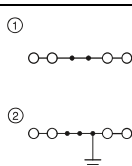
Type	Order No.	Pcs./Pkt.
PT 2,5-TWIN	① 3209549	50
PT 2,5-TWIN BU	① 3209552	50
PT 2,5-TWIN-PE	② 3209565	50

Accessories¹⁾

D-ST 2,5-TWIN	3030488	50
D-ST 2,5-TWIN-0,8 OG	3030512	50

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

Notes:
 1) For additional accessories and technical data, see page 70.
 2) The max. load current must not be exceeded by the total current of all connected conductors.
 For information on installation and using accessories for Ex applications, see page 678.



28 A, feed-through terminal block, 4 connections

CE, UL, EAC, ClassNK, CB
 Ex: Ex, EAC Ex, IEC Ex
 PTB 09ATEX1111U / IECEx PTB 10.0021U

Technical data¹⁾

Dimensions	[mm]
Width	5.2
Length	72.2
Height	36.8 (NS 35/7,5)
Maximum electrical data	
I_{max} [A]	28 ²⁾
U_{max} [V]	800
max. Ø [mm ²]	0.14 - 4
AWG (UL)	26-12
Maximum bridge current	24 (FBS) / 17.5 (FBBSR) [A]
Rated data	
Rated voltage	800 [V]
IEC	UL / CUL
CSA	Ex
Nominal current / cross section	24 / 2.5 [A] / [mm ²]
UL / CUL	600
CSA	600
Ex	550
	20 / -
	20 / -
	19 / 2.5
Connection capacity	
1 conductor	0.14 - 4 [mm ²]
Connection cross sections directly plug-in	0.34 - 4 [mm ²]
	0.14 - 2.5
	0.14 - 2.5
	0.14 - 2.5
	0.34 - 2.5

Ordering data

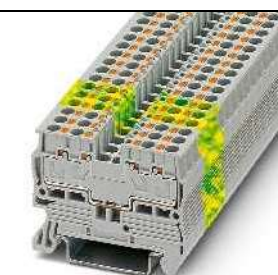
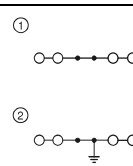
Description	Color
Terminal block	gray blue
Ground terminal	green-yellow

Type	Order No.	Pcs./Pkt.
PT 2,5-QUATTRO	① 3209578	50
PT 2,5-QUATTRO BU	① 3209581	50
PT 2,5-QUATTRO-PE	② 3209594	50

Accessories¹⁾

Cover, width: 2.2 mm	gray
Cover, 0.8 mm width	orange

D-ST 2,5-QUATTRO	3030514	50
D-ST 2,5-QUATTRO-0,8 OG	3030513	50



24 A, feed-through terminal block, 4 connections

CE, UL, EAC

Technical data¹⁾

Dimensions	[mm]
Width	5.2
Length	48.6
Height	36.7 (NS 35/7,5)
Maximum electrical data	
I_{max} [A]	24
U_{max} [V]	500
max. Ø [mm ²]	0.14 - 2.5
AWG (UL)	28-12
Maximum bridge current	22 (FBS) / 17.5 (FBBSR) [A]
Rated data	
Rated voltage	500 [V]
IEC	UL / CUL
CSA	Ex
Nominal current / cross section	17.5 / 2.5 [A] / [mm ²]
UL / CUL	600
CSA	600
Ex	-
	20 / -
	20 / -
	- / -
Connection capacity	
1 conductor	0.14 - 2.5 [mm ²]
Connection cross sections directly plug-in	0.34 - 2.5 [mm ²]
	0.14 - 1.5
	0.14 - 1.5
	0.14 - 1.5
	0.34 - 1.5
	0.34 - 1.5
	0.34 - 1.5

Ordering data

Description	Color
Terminal block	gray blue
Ground terminal	green-yellow

Type	Order No.	Pcs./Pkt.
PT 2,5/S-QUATTRO	① 3211019	50
PT 2,5/S-QUATTRO BU	① 3211022	50
PT 2,5/S-QUATTRO-PE	② 3211025	50

Accessories¹⁾

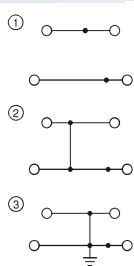
D-ST 2,5	3030417	50
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Terminal blocks – CLIPLINE complete

2.5 mm² PT Push-in connection terminal blocks

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

Notes:
 1) For additional accessories and technical data, see page 70.
 For information on installation and using accessories for Ex applications, see page 678.



26 A, double-level terminal block, 4 connections



Ex: EAC Ex IEC Ex ClassNK CB
 PTB 09ATEX1111U / IECEx PTB 10.0021U

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

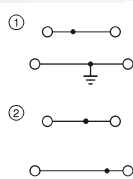
Description	Color
Terminal block	gray
	blue
With potential distribution	gray
	gray
upper level blue	gray
upper level blue	gray
Ground terminal	green-yellow

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

Technical data ¹⁾			
Width	Length	Height	
5.2	68	47.5 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
26	500	0.14 - 4	26-12
22 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	600	600	440
22 / 2.5	20 / -	20 / -	18 / 2.5

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTTB 2,5	① 3210567	50	
PTTB 2,5 BU	① 3210570	50	
PTTB 2,5-PV	② 3210583	50	
PTTB 2,5-PE	③ 3210596	50	

Accessories ¹⁾		
D-PTTB 2,5	3211634	50



30 A, double-level terminal block with PE foot



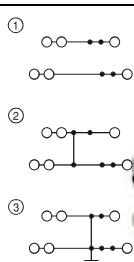
Technical data ¹⁾			
Width	Length	Height	
5.2	68	47.5 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
30	500	0.14 - 4	26-12
20 (FBS) / 16 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	300	300	-
24 / 2.5	20 / -	20 / -	- / -

Ordering data		
Type	Order No.	Pcs./Pkt.
PTTB 2,5-PE/L	① 3210978	50
PTTB 2,5-PE/N	① 3210981	50
PTTB 2,5-L/N	② 3210994	50

Accessories ¹⁾		
D-PTTB 2,5	3211634	50

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

Notes:
 1) For additional accessories and technical data, see page 70.



24 A, double-level terminal block, 3 connections per level



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

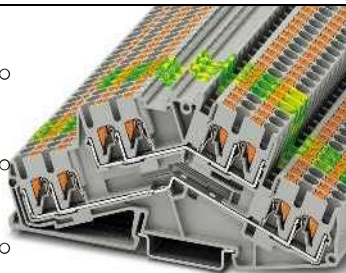
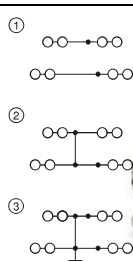
Description	Color
Terminal block	gray
	blue
With potential distribution	gray
	gray
Ground terminal	green-yellow

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

Technical data ¹⁾			
Width	Length	Height	
5.2	111.8	55 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
24	800	0.14 - 4	26-12
20 (FBS) / 16 (FBSR)			
IEC	UL / CUL	CSA	Ex
800	600	600	-
20 / 2.5	20 / -	20 / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTTBS 2,5-TWIN	① 3210600	50	
PTTBS 2,5-TWIN BU	① 3210601	50	
PTTBS 2,5-TWIN-PV	② 3210603	50	
PTTBS 2,5-TWIN-PE	③ 3210602	50	

Accessories ¹⁾		
D-PTTBS 2,5-TWIN	3210608	50



24 A, double-level terminal block, 4 connections per level



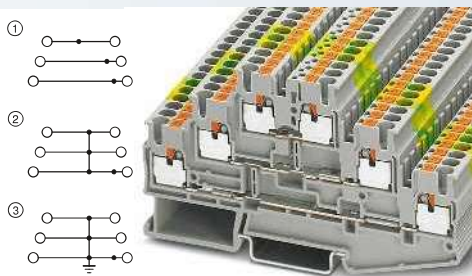
Technical data ¹⁾			
Width	Length	Height	
5.2	115.2	55 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
24	800	0.14 - 4	26-12
20 (FBS) / 16 (FBSR)			
IEC	UL / CUL	CSA	Ex
800	600	300	-
20 / 2.5	20 / -	20 / -	- / -

Ordering data		
Type	Order No.	Pcs./Pkt.
PTTBS 2,5-QUATTRO	① 3210609	50
PTTBS 2,5-QUATTRO BU	① 3210610	50
PTTBS 2,5-QUATTRO-PV	② 3210612	50
PTTBS 2,5-QUATTRO-PE	③ 3210611	50

Accessories ¹⁾		
D-PTTBS 2,5-QUATTRO	3210613	50

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

Notes:
 1) For additional accessories and technical data, see page 70.
 For information on installation and using accessories for Ex applications, see page 678.



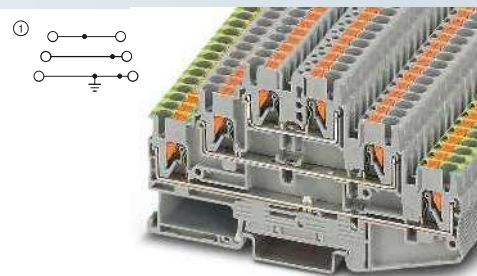
24 A, multi-level terminal block

Ex: EAC Ex IEC Ex
 SEV13ATEX0159U / IECEx SEV13.0005U

Technical data ¹⁾				
Dimensions	Width	Length	Height	
	5.2	102	58 (NS 35/7,5)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	24	500	0.14 - 4	26-12
	20 (FBS) / 16 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
	500	300	600	440
Rated voltage	500 [V]			
Nominal current / cross section	20 / 2.5 [A] / [mm ²]			

Ordering data				
Description	Type	Order No.	Pcs./Pkt.	Color
Terminal block	PT 2,5-3L	① 3210499	50	gray
	PT 2,5-3L BU	① 3210509	50	blue
With potential distribution	PT 2,5-3PV	② 3210512	50	gray
				gray
Ground terminal	PT 2,5-3PE	③ 3210525	50	green-yellow

Accessories ¹⁾			
Description	Type	Order No.	Pcs./Pkt.
Cover, width: 2.2 mm	D-PT 2,5-3L	3211647	50



24 A, three-level terminal block with PE foot

Ex: EAC Ex IEC Ex

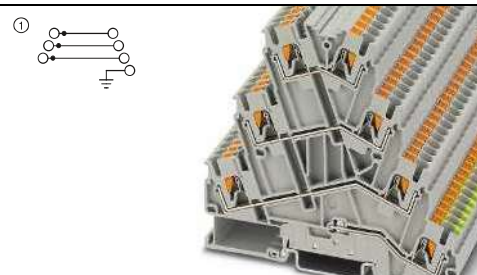
Technical data ¹⁾				
Dimensions	Width	Length	Height	
	5.2	102	58 (NS 35/7,5)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	24	500	0.14 - 4	26-12
	20 (FBS) / 16 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
	500	300	600	-
Rated voltage	500 [V]			
Nominal current / cross section	20 / 2.5 [A] / [mm ²]			

Ordering data				
Description	Type	Order No.	Pcs./Pkt.	Color
Terminal block	PT 2,5-PE/L/L	① 3210541	50	gray
	PT 2,5-PE/L/N	① 3210538	50	gray

Accessories ¹⁾			
Description	Type	Order No.	Pcs./Pkt.
Cover, width: 2.2 mm	D-PT 2,5-3L	3211647	50

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

Notes:
 1) For additional accessories and technical data, see page 70.



25 A, four-level terminal block with PE foot

Ex: EAC Ex IEC Ex

Technical data ¹⁾				
Dimensions	Width	Length	Height	
	5.2	99.5	92.6 (NS 35/7,5)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	25	800	0.14 - 4	26-12
	19 (FBS) / 17.5 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
	800	600	-	-
Rated voltage	800 [V]			
Nominal current / cross section	20 / 2.5 [A] / [mm ²]			

Ordering data				
Description	Type	Order No.	Pcs./Pkt.	Color
Terminal block	PT 2,5-PE/3L	① 3210542	50	gray

Accessories ¹⁾			
Description	Type	Order No.	Pcs./Pkt.
Cover, width: 2.2 mm	D-PT 2,5-PE/3L	3210543	50

Technical data ¹⁾				
Dimensions	Width	Length	Height	
	5.2	99.5	92.6 (NS 35/7,5)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	25	800	0.14 - 4	26-12
	19 (FBS) / 17.5 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
	800	600	-	-
Rated voltage	800 [V]			
Nominal current / cross section	20 / 2.5 [A] / [mm ²]			

Ordering data				
Description	Type	Order No.	Pcs./Pkt.	Color
Terminal block	PT 2,5-PE/3L	① 3210542	50	gray

Accessories ¹⁾			
Description	Type	Order No.	Pcs./Pkt.
Cover, width: 2.2 mm	D-PT 2,5-PE/3L	3210543	50

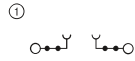
Terminal blocks – CLIPLINE complete

2.5 mm² PT Push-in connection terminal blocks

Disconnect terminal blocks

Notes:

- 1) For additional accessories and technical data, see page 70.
- 2) Current and voltage are determined by the plug used.



16 A, disconnect terminal block, with 4 function shafts

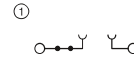


Dimensions	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]

Technical data ¹⁾				
Width	Length	Height		
5.2	70.1	36.8 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
16	400 ²⁾	0.14 - 4	26-12	
16 (FBS) / 16 (FBSR)				
IEC	UL / CUL	CSA	Ex	
400 ²⁾	600	600	-	
16 / 2.5	16 / -	20 / -	- / -	

Description	Color
Disconnect terminal block	gray
Cover, width: 2.2 mm	gray

Ordering data			
Type	Order No.	Pcs./Pkt.	
PT 2,5-TGB	3210192	50	
Accessories ¹⁾			
D-PT 2,5-MTB	3210196	50	



20 A, disconnect terminal block, with 2 function shafts



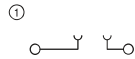
Technical data ¹⁾				
Width	Length	Height		
5.2	62	36.5 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
20	400 ²⁾	0.14 - 4	26-12	
20 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
400 ²⁾	300	300	-	
20 / 2.5	20 / -	20 / -	- / -	

Ordering data			
Type	Order No.	Pcs./Pkt.	
PT 2,5-TG	3210185	50	
Accessories ¹⁾			
D-PT 2,5-MT	3211003	50	

Disconnect terminal blocks

Notes:

- 1) For additional accessories and technical data, see page 70.
- 2) Current and voltage are determined by the plug used.



20 A, disconnect terminal block

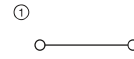


Dimensions	[mm]
Maximum electrical data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]

Technical data ¹⁾				
Width	Length	Height		
5.2	56	36.5 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
20	400 ²⁾	0.14 - 4	24-12	
IEC	UL / CUL	CSA	Ex	
400 ²⁾	300	300	-	
20 / 2.5	10 / -	10 / -	- / -	

Description	Color
Disconnect terminal block	gray
Feed-through terminal block, same shape	gray blue

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTC 2,5-TG	3270088	50	
Accessories ¹⁾			
D-PTC 2,5-MT	3270097	50	



28 A, feed-through terminal block, same shape



Technical data ¹⁾				
Width	Length	Height		
5.2	56	36.5 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
28	400	0.14 - 4	24-12	
IEC	UL / CUL	CSA	Ex	
400	300	300	-	
24 / 2.5	10 / -	10 / -	- / -	

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTC 2,5-MTD	3270106	50	
PTC 2,5-MTD BU	3270109	50	
Accessories ¹⁾			
D-PTC 2,5-MT	3270097	50	

Disconnect terminal blocks

Notes:
 1) For additional accessories and technical data, see page 70.
 2) Current and voltage are determined by the plug used.



16 A, disconnect terminal block,
3 connections, 4 function shafts

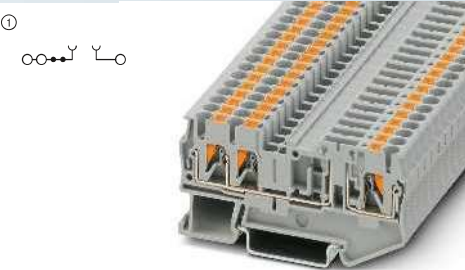


Technical data ¹⁾				
Dimensions	Width	Length	Height	
	5.2	81.9	36.7 (NS 35/7,5)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	16	400 ²⁾	0.14 - 4	26-12
Maximum bridge current	16 (FBS) / 16 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	400 ²⁾	600	-	-
Nominal current / cross section	16 / 2.5	16 / -	- / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
PT 2,5-TWIN-TGB	3210193	50	

Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-PT 2,5-TWIN-MTB	3210202	50	

Description	Color	
Disconnect terminal block	gray	
Cover, width: 2.2 mm	gray	



20 A, disconnect terminal block,
3 connections, 2 function shafts



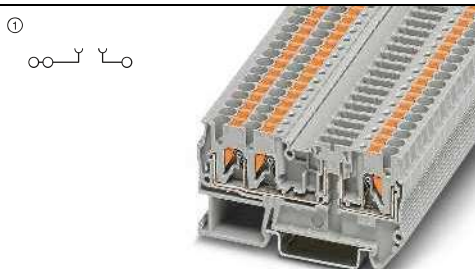
Technical data ¹⁾				
Dimensions	Width	Length	Height	
	5.2	74	36.5 (NS 35/7,5)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	20	400 ²⁾	0.14 - 4	26-12
Maximum bridge current	20 (FBS) / 17.5 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	400 ²⁾	300	300	-
Nominal current / cross section	20 / 2.5	20 / -	20 / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
PT 2,5-TWIN-TG	3210198	50	

Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-PT 2,5-TWIN-MT	3211317	50	

Disconnect terminal blocks

Notes:
 1) For additional accessories and technical data, see page 70.
 2) Current and voltage are determined by the plug used.



20 A, disconnect terminal block,
3 connections

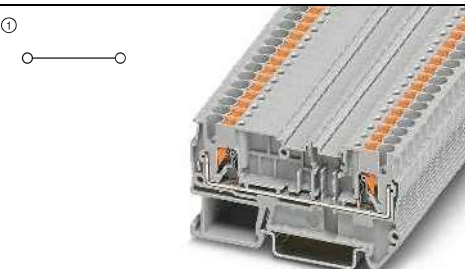


Technical data ¹⁾				
Dimensions	Width	Length	Height	
	5.2	67.8	36.5 (NS 35/7,5)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	20	400 ²⁾	0.14 - 4	24-12
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	400 ²⁾	300	300	-
Nominal current / cross section	20 / 2.5	10 / -	10 / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTC 2,5-TWIN-TG	3270091	50	

Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-PTC 2,5-TWIN-MT	3270100	50	

Description	Color	
Disconnect terminal block	gray	
Feed-through terminal block, same shape	gray blue	
Cover, width: 2.2 mm	gray	



28 A, feed-through terminal block,
same shape



Technical data ¹⁾				
Dimensions	Width	Length	Height	
	5.2	67.8	36.5 (NS 35/7,5)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	28	400	0.14 - 4	24-12
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	400	300	300	-
Nominal current / cross section	24 / 2.5	10 / -	10 / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTC 2,5-TWIN-MTD	3270110	50	
PTC 2,5-TWIN-MTD BU	3270111	50	

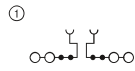
Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-PTC 2,5-TWIN-MT	3270100	50	

Terminal blocks – CLIPLINE complete

2.5 mm² PT Push-in connection terminal blocks

Disconnect terminal blocks

Notes:
1) For additional accessories and technical data, see page 70.
2) Current and voltage are determined by the plug used.



**16 A, disconnect terminal block,
4 connections, 4 function shafts**



Dimensions	[mm]
Width	5.2
Length	92.2
Height	36.7 (NS 35/7,5)
Maximum electrical data	
I_{max} [A]	16
U_{max} [V]	400 ²⁾
Maximum bridge current	16 (FBS) / 16 (FBSR) [A]
Rated data	
Rated voltage	400 ²⁾ [V]
Nominal current / cross section	16 / 2.5 [A] / [mm ²]

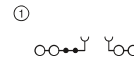
Description	Color
Disconnect terminal block	gray

Cover, width: 2.2 mm	gray
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Technical data ¹⁾					
Width	5.2	Length	92.2	Height	36.7 (NS 35/7,5)
I_{max} [A]	16	U_{max} [V]	400 ²⁾	max. Ø [mm ²]	0.14 - 4
				AWG (UL)	26-12
					16 (FBS) / 16 (FBSR)
IEC	400 ²⁾	UL / CUL	600	CSA	-
				Ex	-
Nominal current / cross section	16 / 2.5		16 / -	- / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
PT 2,5-QUATTRO-TGB	3210194	50	

Accessories ¹⁾			
D-PT 2,5-QUATTRO-MTB	3210209	50	



**20 A, disconnect terminal block,
4 connections, 2 function shafts**



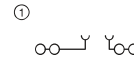
Technical data ¹⁾					
Width	5.2	Length	84	Height	36.5 (NS 35/7,5)
I_{max} [A]	20	U_{max} [V]	400 ²⁾	max. Ø [mm ²]	0.14 - 4
				AWG (UL)	26-12
					20 (FBS) / 17.5 (FBSR)
IEC	400 ²⁾	UL / CUL	300	CSA	300
				Ex	-
Nominal current / cross section	20 / 2.5		20 / -	20 / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
PT 2,5-QUATTRO-TG	3210208	50	

Accessories ¹⁾			
D-ST 2,5-QUATTRO-MT	3038590	50	

Disconnect terminal blocks

Notes:
1) For additional accessories and technical data, see page 70.
2) Current and voltage are determined by the plug used.



**20 A, disconnect terminal block,
4 connections**



Dimensions	[mm]
Width	5.2
Length	79.6
Height	36.5 (NS 35/7,5)
Maximum electrical data	
I_{max} [A]	20
U_{max} [V]	400 ²⁾
Rated data	
Rated voltage	400 ²⁾ [V]
Nominal current / cross section	20 / 2.5 [A] / [mm ²]

Description	Color
Disconnect terminal block	gray

Cover, width: 2.2 mm	gray
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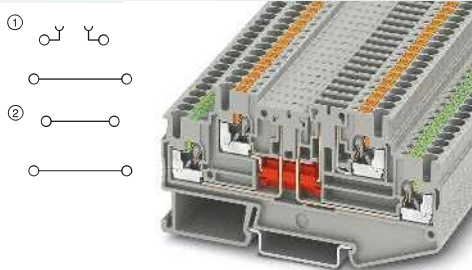
Technical data ¹⁾					
Width	5.2	Length	79.6	Height	36.5 (NS 35/7,5)
I_{max} [A]	20	U_{max} [V]	400 ²⁾	max. Ø [mm ²]	0.14 - 4
				AWG (UL)	24-12
IEC	400 ²⁾	UL / CUL	300	CSA	300
				Ex	-
Nominal current / cross section	20 / 2.5		10 / -	10 / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTC 2,5-QUATTRO-TG	3270094	50	

Accessories ¹⁾			
D-PTC 2,5-QUATTRO-MT	3270103	50	

Disconnect terminal blocks

Notes:
 1) For additional accessories and technical data, see page 70.
 2) Current and voltage are determined by the plug used.



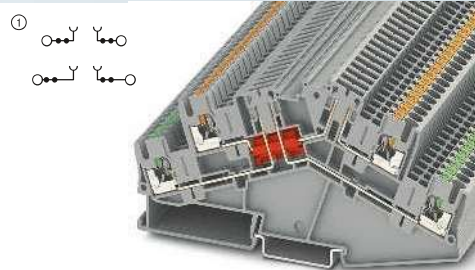
16 A, double-level terminal block, one disconnect zone



Technical data ¹⁾					
Width	Length	Height			
5.2	92.4	47.4 (NS 35/7,5)			
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)		
16 ²⁾	400	0.14 - 4	26-12		
Maximum bridge current	[A]	-			
Rated data					
Rated voltage	[V]	IEC	UL / CUL	CSA	Ex
Nominal current / cross section	[A] / [mm ²]	400 ²⁾	300	300	-
		16 ²⁾ / 2.5	16 / -	16 / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTT 2,5-L/TG	① 3210230	50	
PTT 2,5-L/TG BU	① 3210270	50	
PTT 2,5-2L	② 3210267	50	
PTT 2,5-2L BU	② 3210268	50	

Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-PTT 2,5-2MT-0,8	3210300	50	
D-PTT 2,5-2MT-0,8 OG	3210299	50	



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



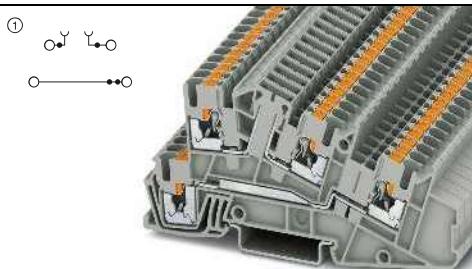
Technical data ¹⁾					
Width	Length	Height			
5.2	127.5	64.3 (NS 35/7,5)			
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)		
16 ²⁾	400 ²⁾	0.14 - 4	26-12		
16 (FBS) / 16 (FBSR)					
Rated data					
Rated voltage	[V]	IEC	UL / CUL	CSA	Ex
Nominal current / cross section	[A] / [mm ²]	400 ²⁾	300	300	-
		16 ²⁾ / 2.5	16 / -	10 / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTTBS 2,5-2TGB	① 3210402	50	

Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-PTTBS 2,5-2MTB	3210404	50	

Disconnect terminal blocks

Notes:
 1) For additional accessories and technical data, see page 70.
 2) Current and voltage are determined by the plug used.
 3) 3-pos. termination block.



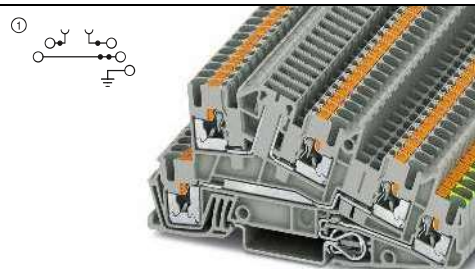
30 A, three-level terminal block, 1 x L outer conductor, 1 x disconnect zone



Technical data ¹⁾					
Width	Length	Height			
5.2	101	50.5 (NS 35/7,5)			
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)		
30 ³⁾	400 ²⁾	0.14 - 4	26-12		
24 (FBS) / 17.5 (FBSR)					
Rated data					
Rated voltage	[V]	IEC	UL / CUL	CSA	Ex
Nominal current / cross section	[A] / [mm ²]	400 ²⁾	300	300	-
Rated cross section	[mm ²]	24 / 4	20 / -	20 / -	- / -
Nominal current / cross section	[A] / [mm ²]	4	16 / 1.5 (disconnect level)		
Connection capacity					
1 conductor	[mm ²]	Rigid	Flexible	Ferrule without/with plastic sleeve	
		0.14 - 4	0.14 - 4	0.14 - 2.5	0.14 - 2.5

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTI 2,5-L/TG	① 3213961	50	

Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-PTI/3B	3213976	50	



30 A, three-level terminal block, 1 x L outer conductor, 1 x PE, 1 x disconnect zone



Technical data ¹⁾					
Width	Length	Height			
5.2	101	50.5 (NS 35/7,5)			
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)		
30 ³⁾	400 ²⁾	0.14 - 4	26-12		
24 (FBS) / 17.5 (FBSR)					
Rated data					
Rated voltage	[V]	IEC	UL / CUL	CSA	Ex
Nominal current / cross section	[A] / [mm ²]	400 ²⁾	300	300	-
Rated cross section	[mm ²]	24 / 4	20 / -	20 / -	- / -
Nominal current / cross section	[A] / [mm ²]	4	16 / 1.5 (disconnect level)		
Connection capacity					
1 conductor	[mm ²]	Rigid	Flexible	Ferrule without/with plastic sleeve	
		0.14 - 4	0.14 - 4	0.14 - 2.5	0.14 - 2.5

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTI 2,5-PE/L/TG	① 3213960	50	

Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-PTI/3B	3213976	50	

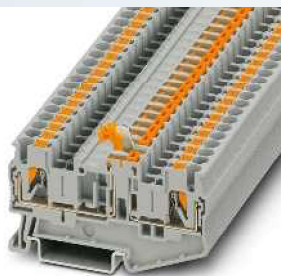
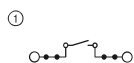
Terminal blocks – CLIPLINE complete

2.5 mm² PT Push-in connection terminal blocks

Knife disconnect terminal blocks

Notes:

1) For additional accessories and technical data, see page 70.



16 A, knife disconnect terminal block,
4 function shafts



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

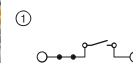
Technical data ¹⁾				
Width	Length	Height		
5.2	70.1	36.7 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
16	400	0.14 - 4	26-12	
16 (FBS) / 16 (FBSR)				
IEC	UL / CUL	CSA	Ex	
400	600	600	-	
16 / 2.5	20 / -	20 / -	- / -	

Description	Color
Knife disconnect terminal block	gray blue

Ordering data			
Type	Order No.	Pcs./Pkt.	
PT 2,5-MTB	3210157	50	
PT 2,5-MTB BU	3210163	50	

Cover, width: 2.2 mm	gray
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Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-PT 2,5-MTB	3210196	50	



20 A, knife disconnect terminal block,
2 function shafts



Technical data ¹⁾				
Width	Length	Height		
5.2	62	36.5 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
20	400	0.14 - 4	26-12	
20 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
400	300	300	-	
20 / 2.5	20 / -	20 / -	- / -	

Ordering data			
Type	Order No.	Pcs./Pkt.	
PT 2,5-MT	3210156	50	
PT 2,5-MT BU	3210160	50	

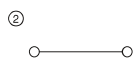
Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-PT 2,5-MT	3211003	50	

Knife disconnect terminal blocks

Notes:

1) For additional accessories and technical data, see page 70.

2) The max. load current must not be exceeded by the total current of all connected conductors.



20 A, knife disconnect terminal block



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

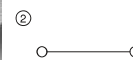
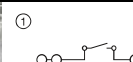
Technical data ¹⁾				
Width	Length	Height		
5.2	56	36.5 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
20	400	0.14 - 4	24-12	
IEC	UL / CUL	CSA	Ex	
400	300	300	-	
20 / 2.5	10 / -	10 / -	- / -	

Description	Color
Knife disconnect terminal block	gray
Feed-through terminal block, same shape	gray blue

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTC 2,5-MT	3270079	50	
PTC 2,5-MTD	3270106	50	
PTC 2,5-MTD BU	3270109	50	

Cover, width: 2.2 mm	gray
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Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-PTC 2,5-MT	3270097	50	



20 A, knife disconnect terminal block,
3 connections



Technical data ¹⁾				
Width	Length	Height		
5.2	67.8	36.5 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
20 ²⁾	400	0.14 - 4	24-12	
IEC	UL / CUL	CSA	Ex	
400	300	300	-	
20 ²⁾ / 2.5	10 / -	10 / -	- / -	

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTC 2,5-TWIN-MT	3270082	50	
PTC 2,5-TWIN-MTD	3270110	50	
PTC 2,5-TWIN-MTD BU	3270111	50	

Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-PT 2,5-TWIN-MT	3211317	50	

Knife disconnect terminal blocks

Notes:
 1) For additional accessories and technical data, see page 70.



16 A, knife disconnect terminal block, 3 connections, 4 function shafts



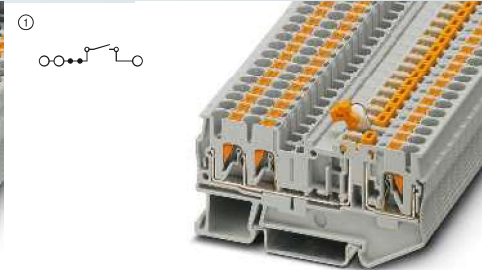
Technical data ¹⁾				
Dimensions	Width	Length	Height	
	5.2	81.9	36.7 (NS 35/7,5)	
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
	16	400	0.14 - 4	26-12
Maximum bridge current	16 (FBS) / 16 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	400	600	-	-
Nominal current / cross section	16 / 2.5	16 / -	- / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
PT 2,5-TWIN-MTB	3210170	50	
PT 2,5-TWIN-MTB BU	3210177	50	

Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-PT 2,5-TWIN-MTB	3210202	50	

Description	Color
Knife disconnect terminal block	gray blue

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



20 A, knife disconnect terminal block, 3 connections, 2 function shafts



Technical data ¹⁾				
Dimensions	Width	Length	Height	
	5.2	74	36.5 (NS 35/7,5)	
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
	20	400	0.14 - 4	26-12
Maximum bridge current	20 (FBS) / 17.5 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	400	300	300	-
Nominal current / cross section	20 / 2.5	20 / -	20 / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
PT 2,5-TWIN-MT	3210169	50	
PT 2,5-TWIN-MT BU	3211663	50	

Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-PT 2,5-TWIN-MT	3211317	50	

Knife disconnect terminal blocks

Notes:
 1) For additional accessories and technical data, see page 70.



16 A, knife disconnect terminal block, 4 connections, 4 function shafts



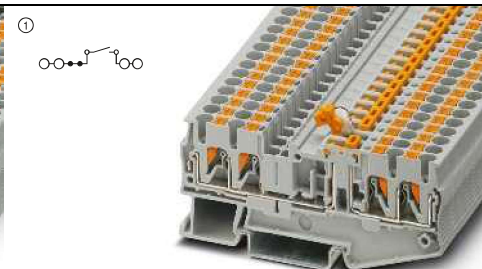
Technical data ¹⁾				
Dimensions	Width	Length	Height	
	5.2	92.2	36.7 (NS 35/7,5)	
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
	16	400	0.14 - 4	26-12
Maximum bridge current	20 (FBS) / 17.5 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	400	600	-	-
Nominal current / cross section	16 / 2.5	16 / -	- / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
PT 2,5-QUATTRO-MTB	3210184	50	
PT 2,5-QUATTRO-MTB BU	3210191	50	

Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-PT 2,5-QUATTRO-MTB	3210209	50	

Description	Color
Knife disconnect terminal block	gray blue

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



20 A, knife disconnect terminal block, 4 connections, 2 function shafts



Technical data ¹⁾				
Dimensions	Width	Length	Height	
	5.2	84	36.5 (NS 35/7,5)	
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
	20	400	0.14 - 4	26-12
Maximum bridge current	20 (FBS) / 17.5 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	400	300	300	-
Nominal current / cross section	20 / 2.5	20 / -	20 / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
PT 2,5-QUATTRO-MT	3210172	50	
PT 2,5-QUATTRO-MT BU	3211676	50	

Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-ST 2,5-QUATTRO-MT	3038590	50	

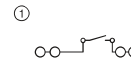
Terminal blocks – CLIPLINE complete

2.5 mm² PT Push-in connection terminal blocks

Knife disconnect terminal blocks

Notes:

1) For additional accessories and technical data, see page 70.



20 A, knife disconnect terminal block, 4 connections



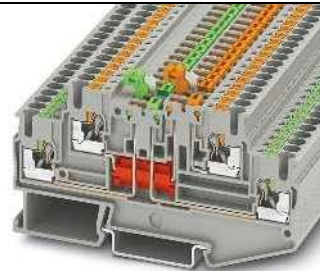
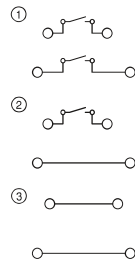
Dimensions		[mm]
Maximum electrical data		
Rated data		
Rated voltage	[V]	400
Nominal current / cross section	[A] / [mm ²]	20 / 2.5
Description	Color	
Knife disconnect terminal block	gray	
Cover, width: 2.2 mm	gray	

Technical data ¹⁾			
Width	Length	Height	
5.2	79.6	36.5 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
20	400	0.14 - 4	24-12
IEC	UL / CUL	CSA	Ex
400	300	300	-
20 / 2.5	10 / -	10 / -	- / -
Ordering data			
Type	Order No.	Pcs./Pkt.	
PTC 2,5-QUATTRO-MT	3270085	50	
Accessories ¹⁾			
D-PTC 2,5-QUATTRO-MT	3270103	50	

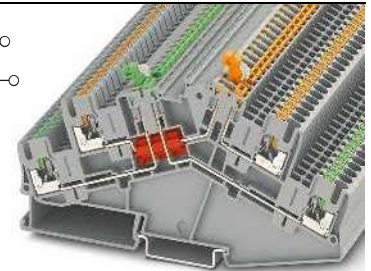
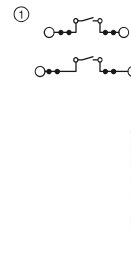
Knife disconnect terminal blocks

Notes:

1) For additional accessories and technical data, see page 70.



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



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



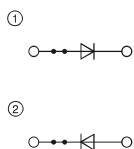
Dimensions		[mm]
Maximum electrical data		
Rated data		
Rated voltage	[V]	400
Nominal current / cross section	[A] / [mm ²]	16 / 2.5
Description	Color	
Knife disconnect terminal block	gray	
Disconnection only in the upper level	gray	
	blue	
Feed-through terminal block, same shape	gray	
	blue	
Cover, 0.8 mm width	gray	
	orange	

Technical data ¹⁾				
Width	Length	Height		
5.2	92.4	47.4 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
16	400	0.14 - 4	26-12	
IEC	UL / CUL	CSA	Ex	
400	300	300	-	
16 / 2.5	16 / -	16 / -	- / -	
Ordering data				
Type	Order No.	Pcs./Pkt.		
PTT 2,5-2MT	3210258	50		
PTT 2,5-2MT BU	3210265	50		
PTT 2,5-L/MT	3210251	50		
PTT 2,5-L/MT BU	3210257	50		
PTT 2,5-2L	3210267	50		
PTT 2,5-2L BU	3210268	50		
Accessories ¹⁾				
D-PTT 2,5-2MT-0,8	3210300	50		
D-PTT 2,5-2MT-0,8 OG	3210299	50		

Technical data ¹⁾			
Width	Length	Height	
5.2	127.5	64.3 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
16	400	0.14 - 4	26-12
16 (FBS) / 16 (FBSR)	16 (FBS) / 16 (FBSR)	IEC	UL / CUL
400	300	300	300
16 / 2.5	16 / -	10 / -	- / -
Ordering data			
Type	Order No.	Pcs./Pkt.	
PTTBS 2,5-2MTB	3210400	50	
PTTBS 2,5-2MTB BU	3210401	50	
Accessories ¹⁾			
D-PTTBS 2,5-2MTB	3210404	50	

Diode terminal blocks

Notes:
 1) For additional accessories and technical data, see page 70.



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

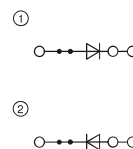


Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	5.2	48.5	36.5 (NS 35/7,5)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	0.5	800	0.14 - 4	26-12
Maximum bridge current	24 (FBS) / 17.5 (FBSR) [A]			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	800	300	300	-
Nominal current / cross section	0.5 / 1	20 / -	0.5 / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
PT 2,5-DIO/L-R	① 3210224	50	
PT 2,5-DIO/R-L	② 3210237	50	

Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-ST 2,5	3030417	50	

Description	Color	
Terminal block, for conducting direction see circuit diagram	gray	
	gray	
Cover, width: 2.2 mm	gray	



0.5 A, diode terminal block,
1N 4007 (1300 V/0.5 A), 3 connections



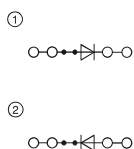
Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	5.2	60.5	36.5 (NS 35/7,5)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	0.5	800	0.14 - 4	26-12
Maximum bridge current	24 (FBS) / 17.5 (FBSR) [A]			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	800	300	300	-
Nominal current / cross section	0.5 / 1	20 / -	0.5 / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
PT 2,5-TWIN-DIO/L-R	① 3210240	50	
PT 2,5-TWIN-DIO/R-L	② 3210253	50	

Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-ST 2,5-TWIN	3030488	50	

Diode terminal blocks

Notes:
 1) For additional accessories and technical data, see page 70.



0.5 A, diode terminal block,
1N 4007 (1300 V/0.5 A), 4 connections

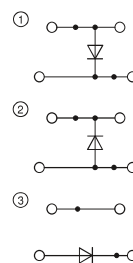


Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	5.2	72	36.5 (NS 35/7,5)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	0.5	800	0.14 - 4	26-12
Maximum bridge current	24 (FBS) / 17.5 (FBSR) [A]			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	800	300	300	-
Nominal current / cross section	0.5 / 1	20 / -	0.5 / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
PT 2,5-QUATTRO-DIO/L-R	① 3210266	50	
PT 2,5-QUATTRO-DIO/R-L	② 3210279	50	

Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-ST 2,5-QUATTRO	3030514	50	

Description	Color	
Terminal block, for conducting direction see circuit diagram	gray	
	gray	
	gray	
Cover, width: 2.2 mm	gray	



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



Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	5.2	68	47.5 (NS 35/7,5)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	0.5	500	0.14 - 4	26-12
Maximum bridge current	16 (FBS) / 16 (FBSR) [A]			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	500	300	300	-
Nominal current / cross section	0.5 / 2.5	20 / -	0.5 / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTTB 2,5-DIO/O-U	① 3210923	50	
PTTB 2,5-DIO/U-O	② 3210936	50	
PTTB 2,5-DIO/UL-UR	③ 3211427	50	

Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-PTTB 2,5	3211634	50	

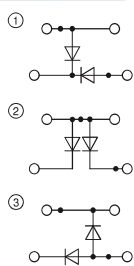
Terminal blocks – CLIPLINE complete

2.5 mm² PT Push-in connection terminal blocks

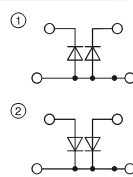
Diode and component terminal blocks

Notes:

1) For additional accessories and technical data, see page 70.



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



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



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

Technical data ¹⁾				
Width	Length	Height		
5.2	68	47.5 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
0.5	500	0.14 - 4	26-12	
20 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	300	300	-	
0.5 / 2.5	20 / -	0.5 / -	- / -	

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

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTTB 2,5-2DIO/O-UL/UR-UL	① 3211430	50	
PTTB 2,5-2DIO/O-UL/O-UR	② 3211443	50	
PTTB 2,5-2DIO/UR-O/UR-UL	③ 3211433	50	

Cover , width: 2.2 mm	gray
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Accessories ¹⁾		
D-PTTB 2,5	Order No.	Pcs./Pkt.
D-PTTB 2,5	3211634	50

Technical data ¹⁾				
Width	Length	Height		
5.2	68	47.5 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
0.5	500	0.14 - 4	26-12	
20 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	300	-	-	
0.5 / 2.5	20 / -	- / -	- / -	

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTTB 2,5-2DIO/U-OL/U-OR	① 3211445	50	
PTTB 2,5-2DIO/OL-U/OR-U	② 3211447	50	

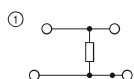
Accessories ¹⁾		
D-PTTB 2,5	Order No.	Pcs./Pkt.
D-PTTB 2,5	3211634	50

Double-level terminal blocks with resistor or LED display

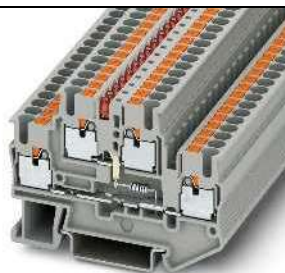
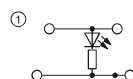
Notes:

1) For additional accessories and technical data, see page 70.

2) The operating voltage is determined by the LED version.



20 A, double-level terminal block with resistor



24 A, double-level terminal block with LED display



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

Technical data ¹⁾				
Width	Length	Height		
5.2	68	47.5 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
20	500	0.14 - 4	-	
20 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	-	-	-	
20 / 2.5	- / -	- / -	- / -	

Description	Color
Terminal block , with built-in resistor, 499 ohms, 0.4 W power dissipation	gray
Terminal block , with LED for 12–30 V DC, 0.7 - 2.4 mA	gray
for 30 - 60 V DC, 0.8 - 1.8 mA	gray
for 110 - 250 V AC/DC, 0.1 - 0.5 mA	gray

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTTB 2,5-R499/O-U	① 3210925	50	

Cover , width: 2.2 mm	gray
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Accessories ¹⁾		
D-PTTB 2,5	Order No.	Pcs./Pkt.
D-PTTB 2,5	3211634	50

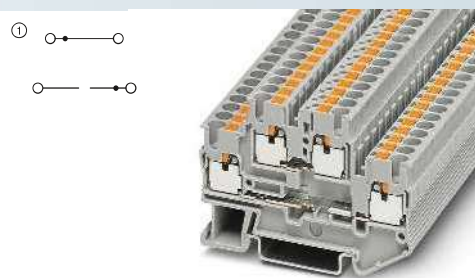
Technical data ¹⁾				
Width	Length	Height		
5.2	68	47.5 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
24	500 ²⁾	0.14 - 4	24-12	
20 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500 ²⁾	300	30	-	
20 / 2.5	20 / -	20 / -	- / -	

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTTB 2,5-LA 24 RD	① 3211456	50	
PTTB 2,5-LA 60 RD	① 3211469	50	
PTTB 2,5-LA 230	① 3211472	50	

Accessories ¹⁾		
D-PTTB 2,5	Order No.	Pcs./Pkt.
D-PTTB 2,5	3211634	50

Component terminal blocks for self-soldering of components

Notes:
 1) For additional accessories and technical data, see page 70.



ERC

Dimensions		[mm]	
Width	5.2	Length	68
Height	47.5 (NS 35/7,5)		
Maximum electrical data		[mm ²]	
I_{max} [A]	26	U_{max} [V]	500
Maximum bridge current	20 (FBS) / 17.5 (FBSR)		
Rated data		IEC	UL / CUL
Rated voltage	500	CSA	Ex
Nominal current / cross section	22 / 2.5	- / -	- / -

Description	Color
Terminal block, component can be soldered in	gray

Description	Color
Cover, width: 2.2 mm	gray

Technical data ¹⁾			
Width	5.2	Length	68
Height	47.5 (NS 35/7,5)		
I_{max} [A]	26	U_{max} [V]	500
max. Ø [mm ²]	0.14 - 4	AWG (UL)	-
	20 (FBS) / 17.5 (FBSR)		
IEC	UL / CUL	CSA	Ex
500	-	-	-
22 / 2.5	- / -	- / -	- / -

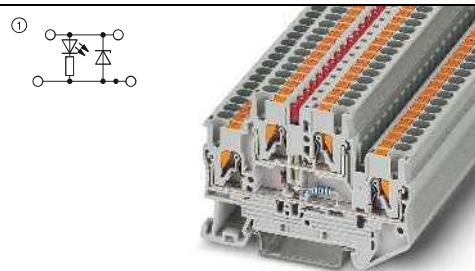
Ordering data		
Type	Order No.	Pcs./Pkt.
PTTB 2,5-2BE	3211480	50

Accessories ¹⁾		
D-PTTB 2,5	Order No.	Pcs./Pkt.
D-PTTB 2,5	3211634	50

Double-level current indicator terminal blocks

- Clearly indicates the operating status of a circuit
- Faults and line interruptions are reliably displayed as the current is monitored
- The voltage drop via the Zener diode in the blocking direction (2.4 V) powers the LED
- Compatible with DC and AC current

Notes:
 1) For additional accessories and technical data, see page 70.



ERC

Dimensions		[mm]	
Width	5.2	Length	68
Height	47.5 (NS 35/7,5)		
Maximum electrical data		[mm ²]	
I_{max} [A]	0.1	U_{max} [V]	500
Maximum bridge current	20 (FBS) / 17.5 (FBSR)		
Rated data		IEC	UL / CUL
Rated voltage	500	CSA	Ex
Nominal current / cross section	0.1 / 2.5	- / -	- / -

Description	Color
Terminal block	gray

Description	Color
Cover, width: 2.2 mm	gray

Technical data ¹⁾			
Width	5.2	Length	68
Height	47.5 (NS 35/7,5)		
I_{max} [A]	0.1	U_{max} [V]	500
max. Ø [mm ²]	0.14 - 4	AWG (UL)	-
	20 (FBS) / 17.5 (FBSR)		
IEC	UL / CUL	CSA	Ex
500	-	-	-
0.1 / 2.5	- / -	- / -	- / -

Ordering data		
Type	Order No.	Pcs./Pkt.
PTTB 2,5-ILA 100	3215042	50

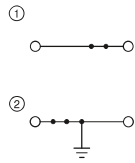
Accessories ¹⁾		
D-PTTB 2,5	Order No.	Pcs./Pkt.
D-PTTB 2,5	3211634	50

Terminal blocks – CLIPLINE complete

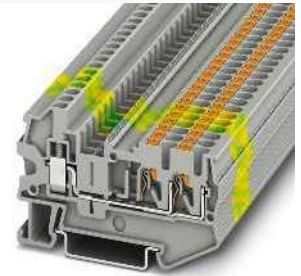
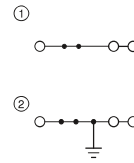
2.5 mm² PT Push-in connection terminal blocks

Hybrid terminal blocks with screw connection on one side, 2.5 (4) mm²

Notes:
 1) For additional accessories and technical data, see page 70.
 2) For screw connection rated data, see page 148.



24 A, feed-through terminal block



24 A, feed-through terminal block, 3 connections



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

Technical data ¹⁾				
Width	Length	Height		
5.2	53.5	42.8 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
24	800	0.14 - 4	26-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	600	600	-	
24 / 2.5	20 / -	20 / -	- / -	

Technical data ¹⁾				
Width	Length	Height		
5.2	65.3	42.8 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
24	800	0.14 - 4	-	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	-	600	-	
24 / 2.5	- / -	20 / -	- / -	

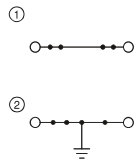
Description	Color
Terminal block	gray blue
Ground terminal	green-yellow
Cover, width: 2.2 mm	gray

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTU 2,5	① 3209519	50	
PTU 2,5 BU	① 3209520	50	
PTU 2,5-PE	② 3209521	50	
Accessories ¹⁾			
D-PTU 2,5	3209522	50	

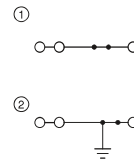
Ordering data			
Type	Order No.	Pcs./Pkt.	
PTU 2,5-TWIN	① 3209515	50	
PTU 2,5-TWIN BU	① 3209516	50	
PTU 2,5-TWIN-PE	② 3209517	50	
Accessories ¹⁾			
D-STU 2,5-TWIN	3033045	50	

Feed-through, multi-conductor, multi-level, and ground terminal blocks in desk design

Notes:
 1) For additional accessories and technical data, see page 70.
 For information on installation and using accessories for Ex applications, see page 678.



30 A, feed-through terminal block



28 A, feed-through terminal block, 3 connections



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

Technical data ¹⁾				
Width	Length	Height		
5.2	49	43 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
30	800	0.14 - 4	26-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	600	600	550	
24 / 2.5	20 / -	20 / -	21 / 2.5	

Technical data ¹⁾				
Width	Length	Height		
5.2	49	43 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
28	800	0.14 - 4	26-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	600	600	550	
24 / 2.5	20 / -	20 / -	21 / 2.5	

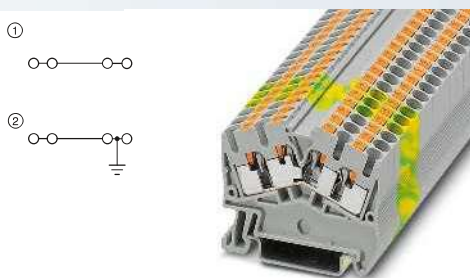
Description	Color
Terminal block	gray blue
Ground terminal	green-yellow
Cover, width: 2.2 mm	gray

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTS 2,5	① 3211799	50	
PTS 2,5 BU	① 3211812	50	
PTS 2,5-PE	② 3211867	50	
Accessories ¹⁾			
D-ST5 2,5	3031762	50	

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTS 2,5-TWIN	① 3211896	50	
PTS 2,5-TWIN BU	① 3211906	50	
PTS 2,5-TWIN-PE	② 3211935	50	
Accessories ¹⁾			
D-ST5 2,5	3031762	50	

Feed-through, multi-conductor, multi-level, and ground terminal blocks in desk design

Notes:
 1) For additional accessories and technical data, see page 70.
 For information on installation and using accessories for Ex applications, see page 678.



28 A, feed-through terminal block, 4 connections

Ex: IEC UL
 SEV13ATEX0159U / IECEx SEV13.0005U

Technical data ¹⁾				
Width	Length	Height		
5.2	49	43 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
28	800	0.14 - 4	26-12	
Maximum bridge current	[A]	-		
Rated data				
IEC	UL / CUL	CSA	Ex	
800	600	600	550	
Rated voltage	[V]	20 / 2.5		
Nominal current / cross section	[A] / [mm ²]	20 / -		

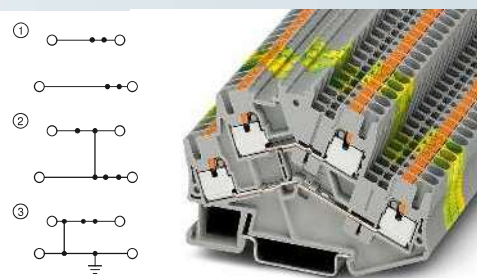
Ordering data			
Type	Order No.	Pcs./Pkt.	
PTS 2,5-QUATTRO	① 3211993	50	
PTS 2,5-QUATTRO BU	① 3212002	50	
PTS 2,5-QUATTRO-PE	② 3212011	50	

Accessories ¹⁾		
D-ST5 2,5	3031762	50

Dimensions		[mm]
Maximum electrical data		
Maximum bridge current	[A]	-
Rated data		
Rated voltage	[V]	20 / 2.5
Nominal current / cross section	[A] / [mm ²]	20 / -

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

Description	Color
Cover, width: 2.2 mm	gray



24 A, double-level terminal block

Ex: IEC UL
 SEV13ATEX0159U / IECEx SEV13.0005U

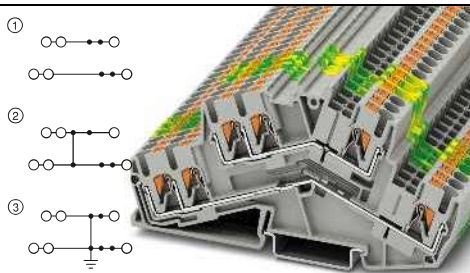
Technical data ¹⁾				
Width	Length	Height		
5.2	78	55 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
24	500	0.14 - 4	24-12	
20 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	300	600	440	
Rated voltage	[V]	22 / 2.5		
Nominal current / cross section	[A] / [mm ²]	20 / -		

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTTBS 2,5	① 3209604	50	
PTTBS 2,5 BU	① 3209617	50	
PTTBS 2,5-PV	② 3210211	50	
PTTBS 2,5-PE	③ 3209620	50	

Accessories ¹⁾		
D-STTBS 2,5	3038503	50

Feed-through, multi-conductor, multi-level, and ground terminal blocks in desk design

Notes:
 1) For additional accessories and technical data, see page 70.



24 A, double-level terminal block, 3 connections per level

Technical data ¹⁾				
Width	Length	Height		
5.2	111.8	55 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
24	800	0.14 - 4	26-12	
20 (FBS) / 16 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	600	600	-	
Rated voltage	[V]	20 / 2.5		
Nominal current / cross section	[A] / [mm ²]	20 / -		

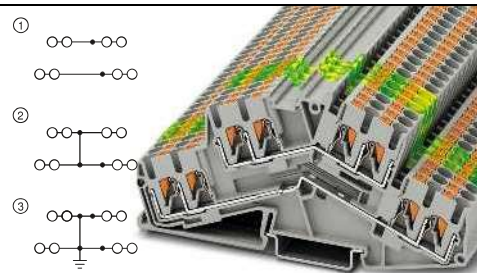
Ordering data			
Type	Order No.	Pcs./Pkt.	
PTTBS 2,5-TWIN	① 3210600	50	
PTTBS 2,5-TWIN BU	① 3210601	50	
PTTBS 2,5-TWIN-PV	② 3210603	50	
PTTBS 2,5-TWIN-PE	③ 3210602	50	

Accessories ¹⁾		
D-PTTBS 2,5-TWIN	3210608	50

Dimensions		[mm]
Maximum electrical data		
Maximum bridge current	[A]	20 (FBS) / 16 (FBSR)
Rated data		
IEC	UL / CUL	CSA
800	600	600
Rated voltage	[V]	20 / 2.5
Nominal current / cross section	[A] / [mm ²]	20 / -

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

Description	Color
Cover, width: 2.2 mm	gray



24 A, double-level terminal block, 4 connections per level

Technical data ¹⁾				
Width	Length	Height		
5.2	115.2	55 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
24	800	0.14 - 4	26-12	
20 (FBS) / 16 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	600	300	-	
Rated voltage	[V]	20 / 2.5		
Nominal current / cross section	[A] / [mm ²]	20 / -		

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTTBS 2,5-QUATTRO	① 3210609	50	
PTTBS 2,5-QUATTRO BU	① 3210610	50	
PTTBS 2,5-QUATTRO-PV	② 3210612	50	
PTTBS 2,5-QUATTRO-PE	③ 3210611	50	

Accessories ¹⁾		
D-PTTBS 2,5-QUATTRO	3210613	50

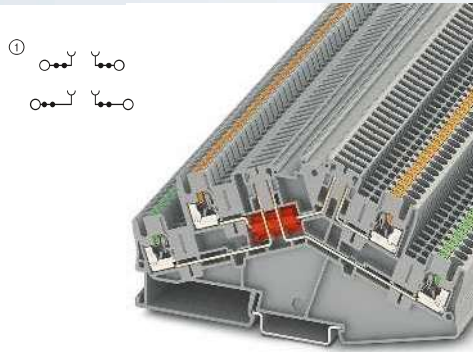
Terminal blocks – CLIPLINE complete

2.5 mm² PT Push-in connection terminal blocks

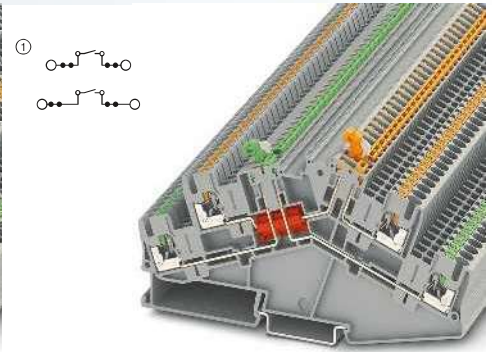
Desk-design disconnect and knife disconnect terminal blocks

Notes:

- 1) For additional accessories and technical data, see page 70.
- 2) Current and voltage are determined by the plug used.



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



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



		Technical data ¹⁾			
Dimensions		Width	Length	Height	
	[mm]	5.2	127.5	64.3 (NS 35/7,5)	
Maximum electrical data		I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
		16 ²⁾	400 ²⁾	0.14 - 4	26-12
Rated data		16 (FBS) / 16 (FBSR)			
Maximum bridge current	[A]	IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	400 ²⁾	300	300	-
Nominal current / cross section	[A] / [mm ²]	16 ²⁾ / 2,5	16 / -	10 / -	- / -

Description	Color
Disconnect terminal block	gray blue

Cover, 0.8 mm width	gray
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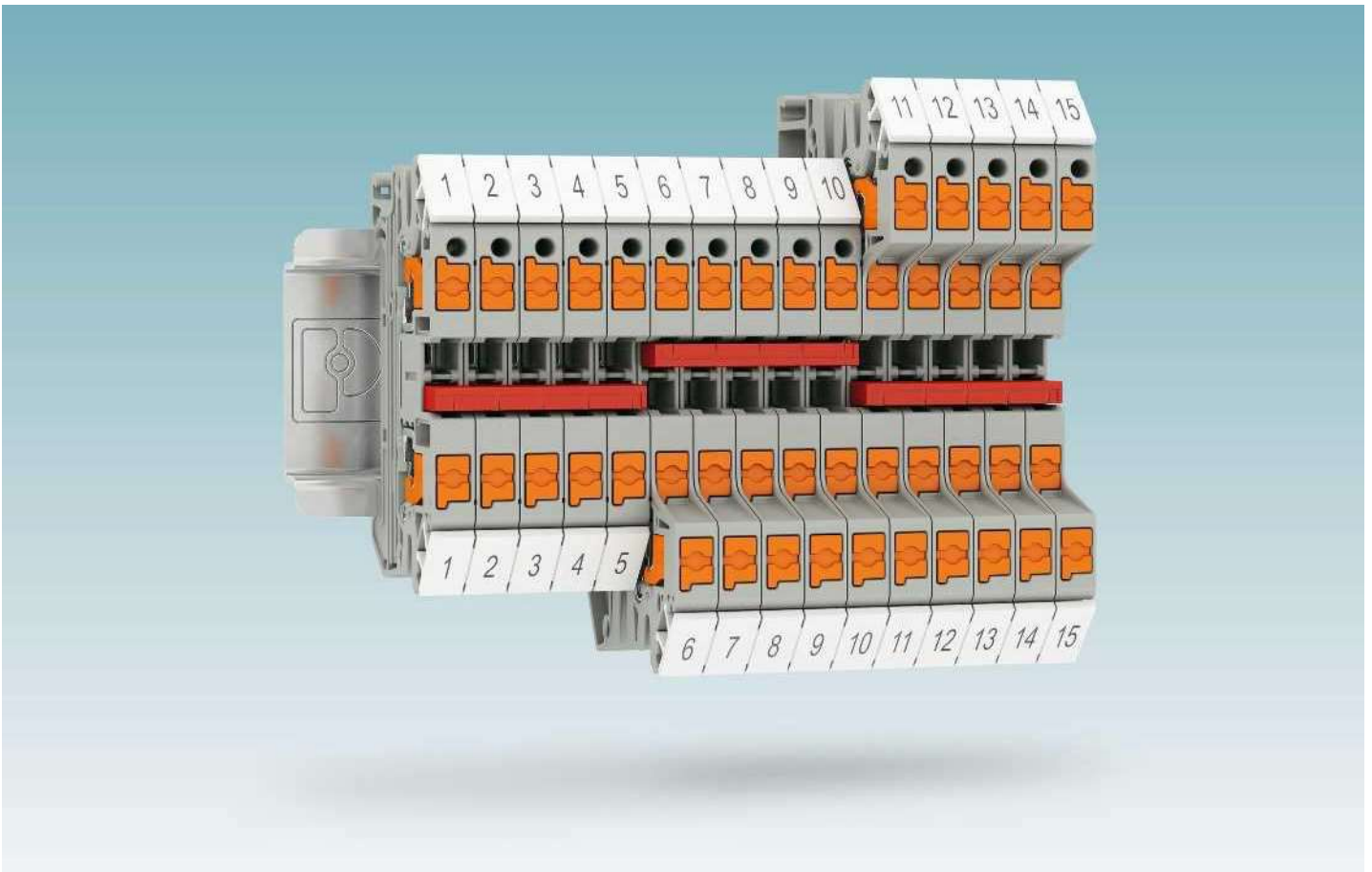
Ordering data			
Type	Order No.	Pcs./Pkt.	
PTTBS 2,5-2TGB	① 3210402	50	

Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-PTTBS 2,5-2MTB	3210404	50	

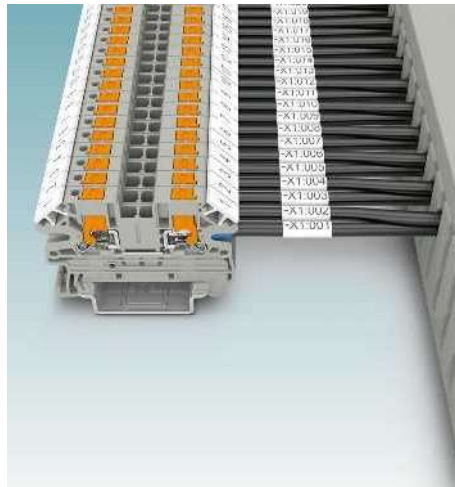
		Technical data ¹⁾			
Dimensions		Width	Length	Height	
	[mm]	5.2	127.5	64.3 (NS 35/7,5)	
Maximum electrical data		I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
		16	400	0.14 - 4	26-12
Rated data		16 (FBS) / 16 (FBSR)			
Maximum bridge current	[A]	IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	400	300	300	-
Nominal current / cross section	[A] / [mm ²]	16 / 2,5	16 / -	10 / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTTBS 2,5-2MTB	① 3210400	50	
PTTBS 2,5-2MTB BU	① 3210401	50	

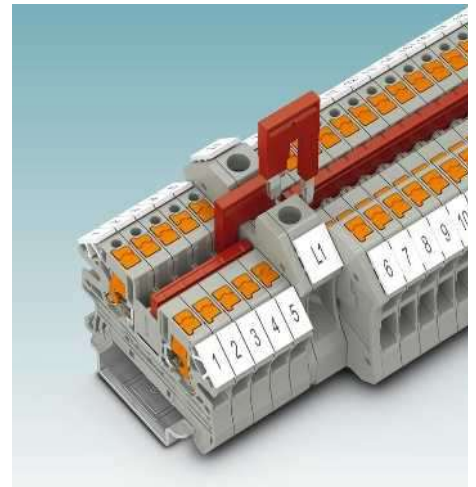
Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-PTTBS 2,5-2MTB	3210404	50	



The PTV series features a combination of the Push-in connection with the vertical wiring direction of the screw terminal block. This combination ensures an easier, more direct, and self-explanatory connection.



The wiring direction of the PTV terminal blocks enables clear wiring without bend radii. This ensures that the connection markings are clear to see. Furthermore, no additional space is required above the terminal blocks which is an advantage in flat control boxes.



As with the PT 2,5, the PTV terminal blocks use accessories from the CLIPLINE complete system. Therefore, the standard bridges FBS ... and reducing bridge RB ... can be used for potential distribution.

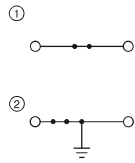
Terminal blocks – CLIPLINE complete

2.5 mm² PT Push-in connection terminal blocks

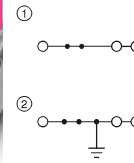
Feed-through, multi-conductor, and ground terminal blocks

Notes:

1) For additional accessories and technical data, see page 70.



28 A, feed-through terminal block



28 A, feed-through terminal block, 3 connections

		Technical data ¹⁾			
Dimensions	[mm]	Width	Length	Height	
		5.2	50.8	36.5 (NS 35/7,5)	
Maximum electrical data		I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
		28	800	0.14 - 4	-
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	-	-	-
Nominal current / cross section	[A] / [mm ²]	24 / 2.5	- / -	- / -	- / -
		Ordering data			
Description	Color	Type	Order No.	Pcs./Pkt.	
Terminal block	gray	PTV 2,5	① 1078960	50	
	blue	PTV 2,5 BU	① 1078962	50	
Ground terminal	green-yellow	PTV 2,5-PE	② 1078963	50	
		Accessories ¹⁾			
Cover, width: 2.2 mm	gray	D-PTV 2,5	1079914	50	

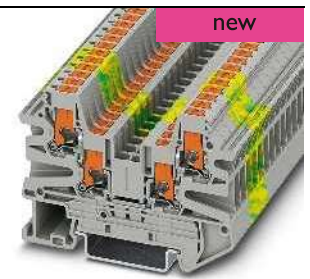
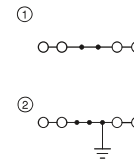
		Technical data ¹⁾			
Dimensions	[mm]	Width	Length	Height	
		5.2	60	46.9 (NS 35/7,5)	
Maximum electrical data		I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
		28	800	0.14 - 4	-
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	-	-	-
Nominal current / cross section	[A] / [mm ²]	24 / 2.5	- / -	- / -	- / -
		Ordering data			
Description	Color	Type	Order No.	Pcs./Pkt.	
Terminal block	gray	PTV 2,5-TWIN	① 1078966	50	
	blue	PTV 2,5-TWIN BU	① 1078971	50	
Ground terminal	green-yellow	PTV 2,5-TWIN-PE	② 1078991	50	
		Accessories ¹⁾			
Cover, width: 2.2 mm	gray	D-PTV 2,5-TWIN	1079916	50	

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

Notes:

1) For additional accessories and technical data, see page 70.

2) The max. load current must not be exceeded by the total current of all connected conductors.



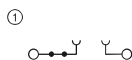
28 A, feed-through terminal block, 4 connections

		Technical data ¹⁾			
Dimensions	[mm]	Width	Length	Height	
		5.2	69.2	46.9 (NS 35/7,5)	
Maximum electrical data		I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
		28 ²⁾	800	0.14 - 4	-
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	-	-	-
Nominal current / cross section	[A] / [mm ²]	24 / 2.5	- / -	- / -	- / -
		Ordering data			
Description	Color	Type	Order No.	Pcs./Pkt.	
Terminal block	gray	PTV 2,5-QUATTRO	① 1078999	50	
	blue	PTV 2,5-QUATTRO BU	① 1079006	50	
Ground terminal	green-yellow	PTV 2,5-QUATTRO-PE	② 1079012	50	
		Accessories ¹⁾			
Cover, width: 2.2 mm	gray	D-PTV 2,5-QUATTRO	1079917	50	

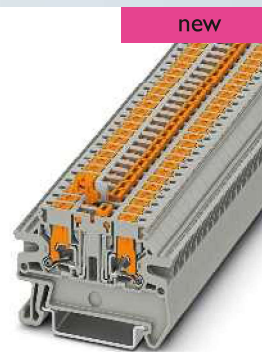
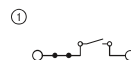
		Technical data ¹⁾			
Dimensions	[mm]	Width	Length	Height	
		5.2	69.2	46.9 (NS 35/7,5)	
Maximum electrical data		I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
		28 ²⁾	800	0.14 - 4	-
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	-	-	-
Nominal current / cross section	[A] / [mm ²]	24 / 2.5	- / -	- / -	- / -
		Ordering data			
Description	Color	Type	Order No.	Pcs./Pkt.	
Terminal block	gray	PTV 2,5-QUATTRO	① 1078999	50	
	blue	PTV 2,5-QUATTRO BU	① 1079006	50	
Ground terminal	green-yellow	PTV 2,5-QUATTRO-PE	② 1079012	50	
		Accessories ¹⁾			
Cover, width: 2.2 mm	gray	D-PTV 2,5-QUATTRO	1079917	50	

Disconnect terminal blocks and knife disconnect terminal blocks

Notes:
 1) For additional accessories and technical data, see page 70.
 2) Current and voltage are determined by the plug used.



20 A, disconnect terminal block



20 A, knife disconnect terminal block

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

Technical data ¹⁾				
Width	Length	Height		
5.2	62	36.5 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
20	400 ²⁾	0.14 - 4	-	
IEC	UL / CUL	CSA	Ex	
400 ²⁾	-	-	-	
20 / 2.5	- / -	- / -	- / -	

Technical data ¹⁾				
Width	Length	Height		
5.2	62	36.5 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
20	400	0.14 - 4	-	
IEC	UL / CUL	CSA	Ex	
400	-	-	-	
20 / 2.5	- / -	- / -	- / -	

Description	Color
Disconnect terminal block	gray
Knife disconnect terminal block	gray blue

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTVC 2,5-TG	1079061	50	

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTVC 2,5-MT	1079059	50	
PTVC 2,5-MT BU	1079060	50	

Accessories ¹⁾	
Cover, width: 2.2 mm	gray

Accessories ¹⁾		
D-PTV 2,5	Order No.	Pcs./Pkt.
	1079914	50

Accessories ¹⁾		
D-PTV 2,5	Order No.	Pcs./Pkt.
	1079914	50

Terminal blocks – CLIPLINE complete

2.5 mm² PT Push-in connection terminal blocks

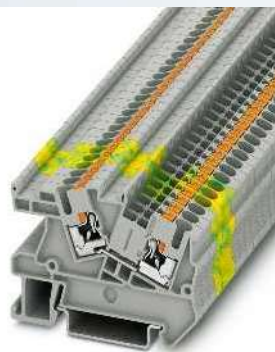
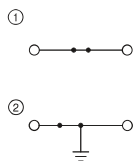
Installation terminal blocks

Notes:

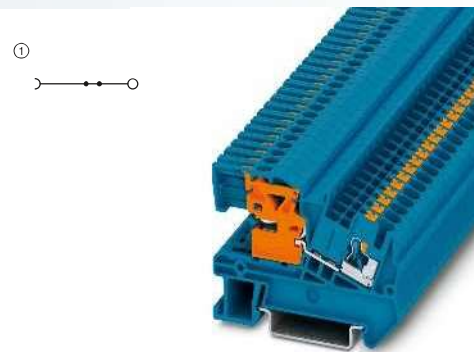
1) For additional accessories and technical data, see page 70.

Assembly instruction:

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



24 A, feed-through terminal block



24 A, neutral disconnect terminal block



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

Technical data ¹⁾				
Width	Length	Height		
5.2	59.5	44 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
24	800	0.14 - 4	26-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	600	600	-	
24 / 4	20 / -	20 / -	- / -	
4				
Rigid	Flexible	Ferrule without/with plastic sleeve		
0.14 - 4	0.14 - 4	0.14 - 2.5	0.14 - 2.5	
-	-	-	-	

Technical data ¹⁾				
Width	Length	Height		
5.2	59	46.3 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
24	250	0.14 - 4	26-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
250	600	-	-	
24 / 2.5	20 / -	- / -	- / -	
4				
Rigid	Flexible	Ferrule without/with plastic sleeve		
0.14 - 4	0.14 - 4	0.14 - 2.5	0.14 - 2.5	
0.2 - 1.5	-	-	-	

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

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTI 2,5	3213968	50	
PTI 2,5 BU	3213969	50	
PTI 2,5-PE	3213962	50	

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTN 2,5	3213963	50	

Accessories ¹⁾	
Cover, width: 2.2 mm	gray
Support bracket, to hold the neutral busbar, set every 20 cm, 2 mm wide	blue

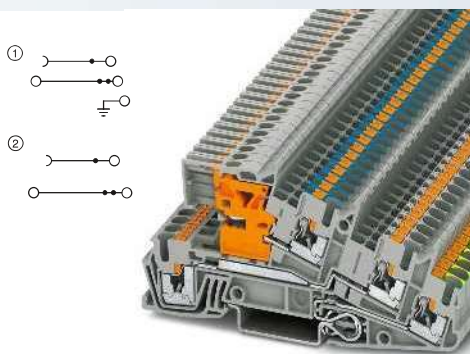
Accessories ¹⁾		
Type	Order No.	Pcs./Pkt.
D-PTI 2,5	1016672	50
AB-PTI	3214006	50

Accessories ¹⁾		
Type	Order No.	Pcs./Pkt.
D-PTN 2,5	3213977	50
AB-PTI	3214006	50

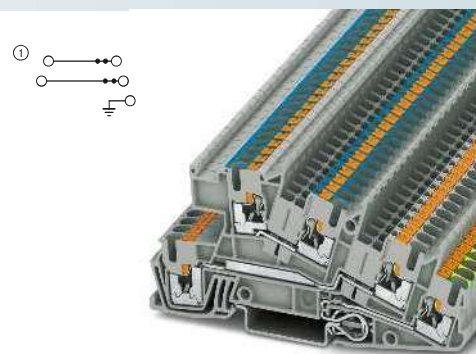
Installation terminal blocks

Notes:
 1) For additional accessories and technical data, see page 70.
 2) 3-pos. termination block.

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



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



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



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

Technical data ¹⁾				
Width	Length	Height		
5.2	101	50.5 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
30 ²⁾	400	0.14 - 4	26-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
400	300	300	-	
24 / 4	20 / -	20 / -	- / -	
4				
Rigid	Flexible	Ferrule without/with plastic sleeve		
0.14 - 4	0.14 - 4	0.14 - 2.5	0.14 - 2.5	

Technical data ¹⁾				
Width	Length	Height		
5.2	101	50.5 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
30 ²⁾	400	0.14 - 4	26-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
400	300	300	-	
24 / 4	20 / -	20 / -	- / -	
4				
Rigid	Flexible	Ferrule without/with plastic sleeve		
0.14 - 4	0.14 - 4	0.14 - 2.5	0.14 - 2.5	

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

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTI 2,5-PE/L/NT	① 3213946	50	
PTI 2,5-L/NT	② 3213947	50	
PTI 2,5-L/LT	② 3213948	50	

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTI 2,5-PE/L/N	① 3213950	50	
PTI 2,5-PE/L/L	① 3213949	50	

Accessories ¹⁾	
Cover, width: 2.2 mm	gray
Support bracket, to hold the neutral busbar, set every 20 cm, 2 mm wide	blue

Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-PTI/3	3213975	50	
AB-PTI/3	3213974	50	

Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-PTI/3	3213975	50	
AB-PTI/3	3213974	50	

Terminal blocks – CLIPLINE complete

2.5 mm² PT Push-in connection terminal blocks

Installation terminal blocks

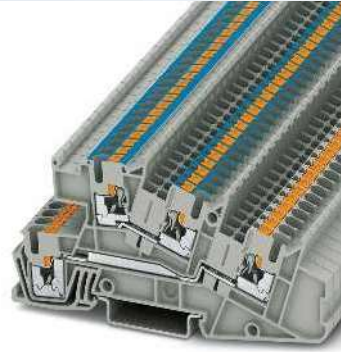
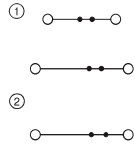
Notes:

1) For additional accessories and technical data, see page 70.

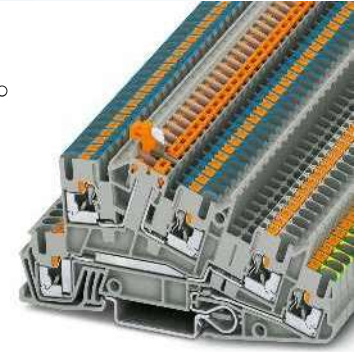
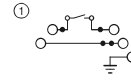
2) 3-pos. termination block.

Assembly instruction:

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



**30 A, three-level terminal block,
1 x L outer conductor, 1 x N conductor**



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



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

Technical data ¹⁾					
Width	Length	Height			
5.2	101	50.5 (NS 35/7,5)			
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)		
30²⁾	400	0.14 - 4	26-12		
24 (FBS) / 17.5 (FBSR)					
IEC	UL / CUL	CSA	Ex		
400	300	300	-		
Nominal current / cross section	[A] / [mm ²]	24 / 2.5	20 / -	20 / -	
Nominal current / cross section	[A] / [mm ²]	-	-		
Connection capacity		Rigid	Flexible	Ferrule	
		without/with plastic sleeve			
1 conductor	[mm ²]	0.14 - 4	0.14 - 4	0.14 - 2.5 0.14 - 2.5	

Technical data ¹⁾					
Width	Length	Height			
5.2	101	50.5 (NS 35/7,5)			
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)		
30²⁾	400	0.14 - 4	26-12		
24 (FBS) / 17.5 (FBSR)					
IEC	UL / CUL	CSA	Ex		
400	300	300	-		
Nominal current / cross section	[A] / [mm ²]	24 / 2.5	20 / -	20 / -	
Nominal current / cross section	[A] / [mm ²]	-	-		
Connection capacity		Rigid	Flexible	Ferrule	
		without/with plastic sleeve			
1 conductor	[mm ²]	0.14 - 4	0.14 - 4	0.14 - 2.5 0.14 - 2.5	

Description	Color
Terminal block, upper level blue	gray
	gray
	gray/blue
	gray
Cover, width: 2.2 mm	gray
Support bracket, to hold the neutral busbar, set every 20 cm, 2 mm wide	blue

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTI 2,5-L/N	① 3213954	50	
PTI 2,5-L/L	① 3213953	50	
PTI 2,5-N	② 3213952	50	
PTI 2,5-L	② 3213951	50	

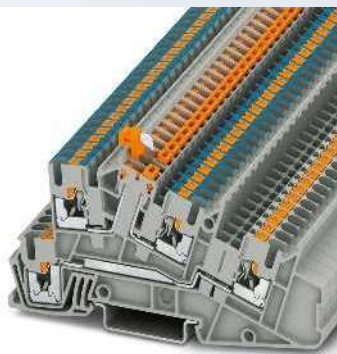
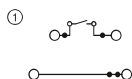
Ordering data			
Type	Order No.	Pcs./Pkt.	
PTI 2,5-PE/L/NTB	① 3213955	50	
PTI 2,5-PE/L/LTB	① 3213957	50	

Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-PTI/3	3213975	50	
AB-PTI/3	3213974	50	

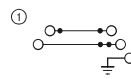
Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-PTI/3B	3213976	50	

Installation terminal blocks

Notes:
 1) For additional accessories and technical data, see page 70.
 2) 3-pos. termination block.



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



**30 A, three-level terminal block,
 2 x L outer conductor, 1 x PE**



		Technical data ¹⁾			
Dimensions		Width	Length	Height	
	[mm]	5.2	101	50.5 (NS 35/7,5)	
Maximum electrical data		I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
		30 ²⁾	400	0.14 - 4	-
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBRS)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	400	-	300	-
Nominal current / cross section	[A] / [mm ²]	24 / 2.5	- / -	20 / -	- / -
Nominal current / cross section	[A] / [mm ²]	16 / 1.5 (disconnect level)			
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	[mm ²]	0.14 - 4	0.14 - 4	0.14 - 2.5	0.14 - 2.5

		Ordering data		
Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block, upper level blue	gray	PTI 2,5-L/NTB	3213956	50
upper level gray	gray	PTI 2,5-L/LTB	3213958	50

		Accessories ¹⁾		
Cover, width: 2.2 mm	gray	D-PTI/3B	3213976	50

		Technical data ¹⁾			
Dimensions		Width	Length	Height	
	[mm]	5.2	101	50.5 (NS 35/7,5)	
Maximum electrical data		I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
		30 ²⁾	400	0.14 - 4	26-12
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBRS)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	400	300	300	-
Nominal current / cross section	[A] / [mm ²]	24 / 2.5	20 / -	20 / -	- / -
Nominal current / cross section	[A] / [mm ²]	-			
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	[mm ²]	0.14 - 4	0.14 - 4	0.14 - 2.5	0.14 - 2.5

		Ordering data		
Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block, upper level blue	gray	PTI 2,5-PE/L/LB	3213959	50

		Accessories ¹⁾		
Cover, width: 2.2 mm	gray	D-PTI/3B	3213976	50

Terminal blocks – CLIPLINE complete

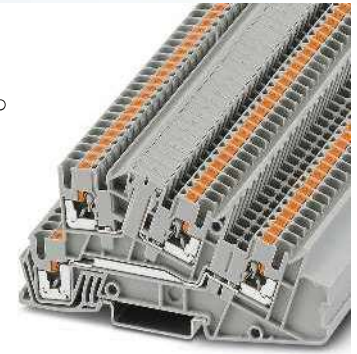
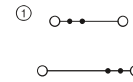
2.5 mm² PT Push-in connection terminal blocks

Installation terminal blocks

Notes:

1) For additional accessories and technical data, see page 70.

2) 3-pos. termination block.



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

ERIC

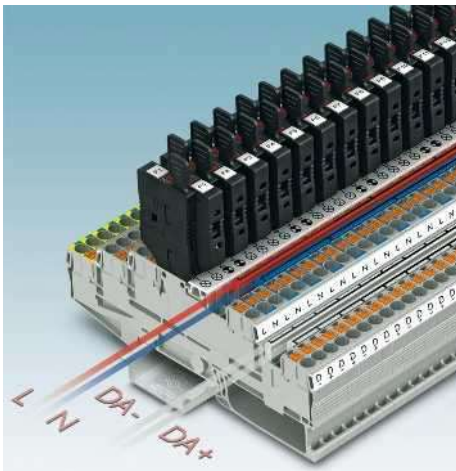
Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Maximum bridge current	[A]
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Rated cross section	[mm ²]
Connection capacity	
1 conductor	[mm ²]
General data	
Stripping length	[mm]

Technical data ¹⁾				
Width	Length	Height		
5.2	101	50.5 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
30 ²⁾	400	0.14 - 4	-	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
400	-	-	-	
24 / 4	- / -	- / -	- / -	
4				
Rigid	Flexible	Ferrule without/with plastic sleeve		
0.14 - 4	0.14 - 4	0.14 - 2.5	0.14 - 2.5	
10				

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

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTI 2,5-L/LB	① 3213945	50	
Accessories ¹⁾			
D-PTI/3B	3213976	50	

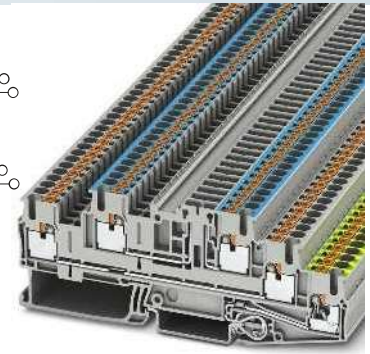
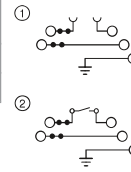
Installation terminal blocks



- The three-level installation terminal blocks have been specially developed for the building installation sector
- DALI-controlled emergency lighting systems can be conveniently fused and wired when space is at a premium
- Two function shafts can be used on each level on the inside of the control cabinet
- Quick and easy potential distribution, e.g., from the DALI bus system

Notes:

- 1) For additional accessories and technical data, see page 70.
- 2) Current and voltage are determined by the plug used.
- 3) 3-pos. termination block.



30 A, three-level terminal block, with disconnect zone and PE foot

ERC

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

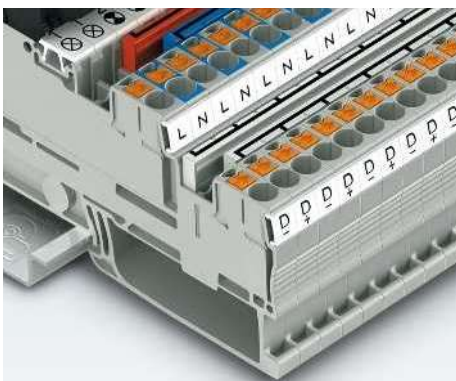
Description	Color
Terminal block	gray
with disconnect knife	gray

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

Technical data ¹⁾			
Width	Length	Height	
5.2	118	42.3 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
30 ³⁾	400 ²⁾	0.14 - 4	-
24 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
400 ²⁾	-	-	-
22 / 2.5	- / -	- / -	- / -
16 / 2.5 (disconnect level)			
Connection capacity		Ferrule	
Rigid	Flexible	without/with plastic sleeve	
0.14 - 4	0.14 - 4	0.14 - 2.5	0.14 - 2.5

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTB 2,5-PE/L/NTG	① 3210545	50	
PTB 2,5-PE/L/TG	① 3210539	50	
PTB 2,5-PE/L/MT	② 3210549	50	

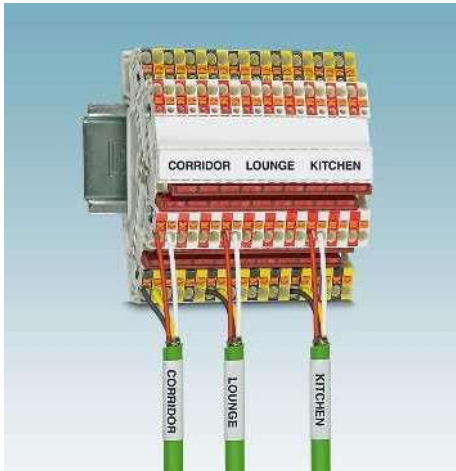
Accessories ¹⁾		
D-PTB 2,5/3	3210552	50



Terminal blocks – CLIPLINE complete

2.5 mm² PT Push-in connection terminal blocks

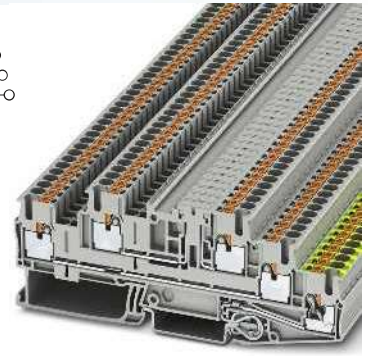
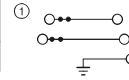
Installation Terminal Blocks



- The ...KNX terminal blocks (see page 40) make installation even easier
- Clear, color-coded assignment of the conductors and the terminal point marking
- Easy to use in sub-distribution units thanks to low height

Notes:

- 1) For additional accessories and technical data, see page 70.
- 2) 3-pos. termination block.



24 A, three-level terminal block, with PE foot

ERIC

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

Technical data ¹⁾				
Width	Length	Height		
5.2	118	42.3 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
24 ²⁾	400	0.14 - 4	-	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
400	-	-	-	
20 / 2.5	- / -	- / -	- / -	
16 / 2.5 (disconnect level)				
Rigid		Flexible	Ferrule	
			without/with plastic sleeve	
0.14 - 4	0.14 - 4		0.14 - 2.5	0.14 - 2.5

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

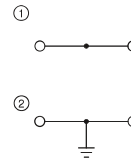
Ordering data			
Type	Order No.	Pcs./Pkt.	
PTB 2,5-PE/L/L	3210547	50	
Accessories ¹⁾			
D-PTB 2,5-PE/L/L	3210553	50	

Mini feed-through and ground terminal blocks

Notes:

1) For additional accessories and technical data, see page 70.

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



27 A, mini feed-through terminal block



Ex: IEC Ex CB
SEV14ATEX0140U / IECEx SEV14.0010U

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

Technical data ¹⁾			
Width	Length	Height	
5.2	36	34.8 (NS 15)	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
27	500	0.14 - 4	26-12
24 (FBS) / 17.5 (FBSP)			
IEC	UL / CUL	CSA	Ex
500	600	600	440
24 / 2.5	20 / -	20 / -	20.5 / 4

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

Ordering data			
Type	Order No.	Pcs./Pkt.	
MPT 2,5	① 3248125	50	
MPT 2,5 BU	① 3248126	50	
MPT 2,5-PE	② 3248130	50	

Accessories ¹⁾		
D-MPT 2,5	3248140	50

Terminal blocks – CLIPLINE complete

4 mm² PT Push-in connection terminal blocks

General technical data

Rated data		IEC 60947-7-1 / IEC 60947-7-2 / IEC 60947-7-3			
Rated cross section	[mm ²]	4			
Cross section range	AWG	24 - 10			
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	[mm ²]	0.2 - 6	0.2 - 4	0.25 - 4	0.25 - 4
2 flexible conductors with a TWIN ferrule	[mm ²]	-	-	-	0.5 - 1
Connection cross sections directly plug-in	[mm ²]	0.5 - 6	-	0.5 - 4	0.5 - 4
General data					
Stripping length	[mm]	10 - 12			
Insulating material		PA			
Flammability rating in accordance with UL 94		V0			

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

Notes:



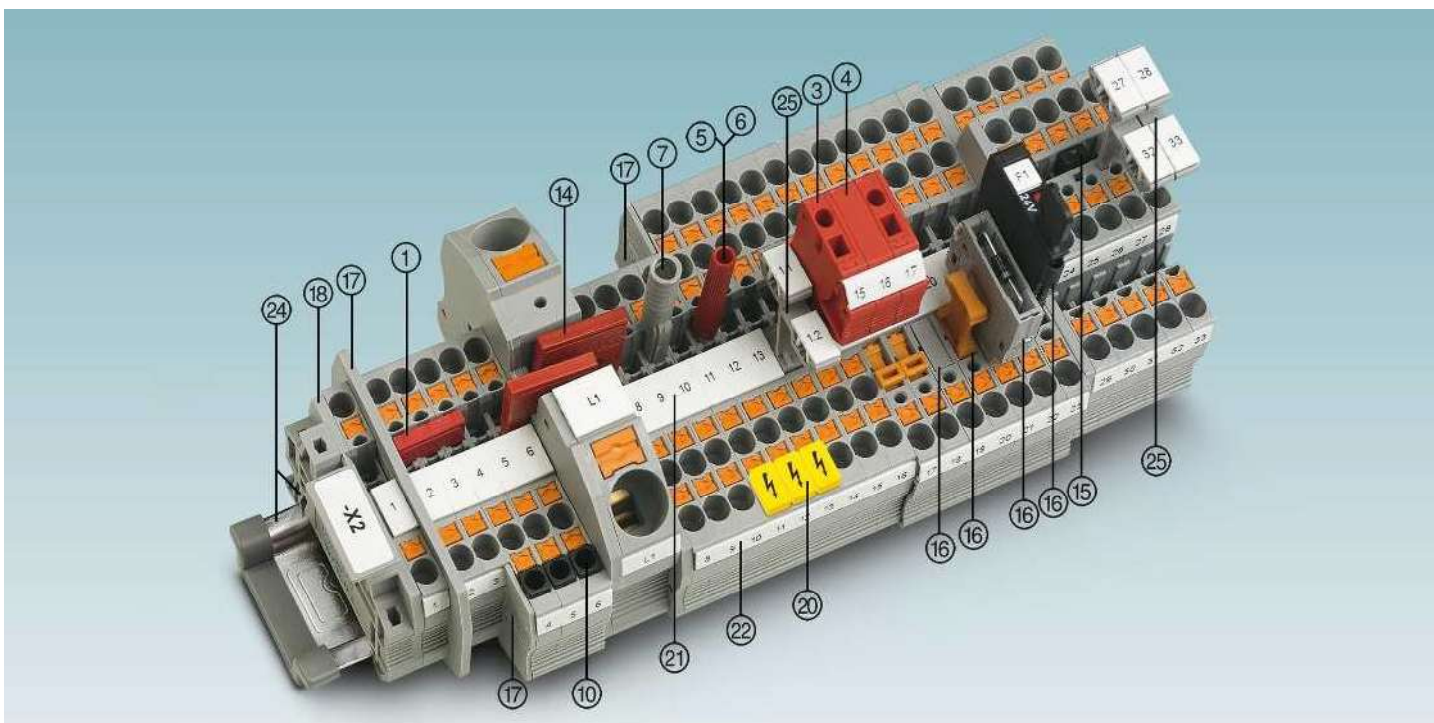
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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

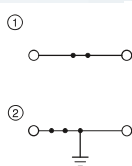


Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① Bridge ¹⁾	2	red	FBS 2-6	3030336	50	FBSR 2-6	3033715	50
	3	red	FBS 3-6	3030242	50	FBSR 3-6	3001594	50
	4	red	FBS 4-6	3030255	50	FBSR 4-6	3001595	50
	5	red	FBS 5-6	3030349	50	FBSR 5-6	3001596	50
	10	red	FBS 10-6	3030271	10	FBSR 10-6	3033716	10
	20	red	FBS 20-6	3030365	10			
③ Modular test plug		red	PS-6	3030996	10			
④ Spacer plate		red	DP PS-6	3036738	10			
⑤ Test plug metal part		gray	MPS-MT	0201744	10			
⑥ Insulating sleeve, for MPS metal part		red	MPS-IH RD	0201676	10			
⑦ Test adapter, 4 mm socket hole		gray	PAI-4-N GY	3032871	10			
⑩ Insulating sleeve, 0.25 - 0.5 mm ² 0.75 - 1 mm ²		gray	ISH 4/0,5	3002885	50			
		black	ISH 4/1,0	3002898	50			
Screwdriver			SZF 1-0.6X3,5	1204517	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 Center groove labeling	UC-TM 6, UCT-TM 6 or ZB 6. See also Catalog 3, selection tables, from page 60.
㉒ Center and side groove labeling	UC-TMF 6, UCT-TMF 6 or ZBF 6. See also Catalog 3, selection tables, from page 60.
㉓ DIN rail and end bracket	See Catalog 3
㉔ Marker carrier	For STP ..., see page 418.
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 98.
 For information on installation and using accessories for Ex applications, see page 678.



36 A, feed-through terminal block

Ex:

 PTB 09ATEX1112U / IECEx PTB 10.0046U

Technical data ¹⁾				
Width	Length	Height		
6.2	56	36.5 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
36	800	0.2 - 6	24-10	
32 (FBS) / 24 (FBSR)				
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	800	600	600	550
Nominal current / cross section	32 / 4	30 / -	30 / -	26 / 4

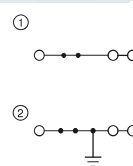
Ordering data			
Type	Order No.	Pcs./Pkt.	
PT 4	① 3211757	50	
PT 4 BU	① 3211760	50	
PT 4-PE	② 3211766	50	

Accessories ¹⁾		
D-ST 4	Order No.	Pcs./Pkt.
D-ST 4	3030420	50

Dimensions		[mm]
Maximum electrical data		
Maximum bridge current	[A]	36
Rated voltage	[V]	800
Nominal current / cross section	[A] / [mm ²]	32 / 4

Description	Color
Terminal block	gray
Ground terminal	green-yellow

Description	Color
Cover, width: 2.2 mm	gray



36 A, feed-through terminal block, 3 connections

Ex:

 PTB 09ATEX1112U / IECEx PTB 10.0046U

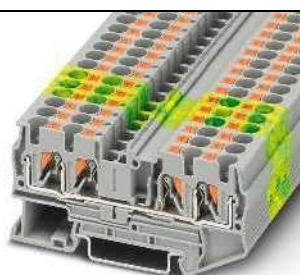
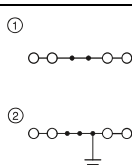
Technical data ¹⁾				
Width	Length	Height		
6.2	66.5	36.5 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
36	800	0.2 - 6	24-10	
32 (FBS) / 24 (FBSR)				
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	800	600	600	550
Nominal current / cross section	32 / 4	30 / -	30 / -	26 / 4

Ordering data			
Type	Order No.	Pcs./Pkt.	
PT 4-TWIN	① 3211771	50	
PT 4-TWIN BU	① 3211775	50	
PT 4-TWIN-PE	② 3211780	50	

Accessories ¹⁾		
D-PT 4-TWIN	Order No.	Pcs./Pkt.
D-PT 4-TWIN	3208977	50

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

Notes:
 1) For additional accessories and technical data, see page 98.
 For information on installation and using accessories for Ex applications, see page 678.



38 A, feed-through terminal block, 4 connections

Ex:

 PTB 09ATEX1112U / IECEx PTB 10.0046U

Technical data ¹⁾				
Width	Length	Height		
6.2	77	36.5 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
38	800	0.2 - 6	24-10	
32 (FBS) / 24 (FBSR)				
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	800	600	600	550
Nominal current / cross section	32 / 4	30 / -	30 / -	26 / 4

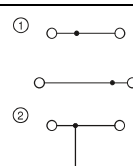
Ordering data			
Type	Order No.	Pcs./Pkt.	
PT 4-QUATTRO	① 3211797	50	
PT 4-QUATTRO BU	① 3211802	50	
PT 4-QUATTRO-PE	② 3211809	50	

Accessories ¹⁾		
D-PT 4-QUATTRO	Order No.	Pcs./Pkt.
D-PT 4-QUATTRO	3208979	50

Dimensions		[mm]
Maximum electrical data		
Maximum bridge current	[A]	38
Rated voltage	[V]	800
Nominal current / cross section	[A] / [mm ²]	32 / 4

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

Description	Color
Cover, width: 2.2 mm	gray



32 A, double-level terminal block, 4 connections

Ex:

 PTB 09ATEX1112U / IECEx PTB 10.0046U

Technical data ¹⁾				
Width	Length	Height		
6.2	83.5	47.5 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
32	500	0.2 - 6	24-10	
26 (FBS) / 20 (FBSR)				
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	500	600	600	440
Nominal current / cross section	28 / 4	28 / -	30 / -	23 / 4

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTTB 4	① 3211786	50	
PTTB 4 BU	① 3211793	50	
PTTB 4-PV	② 3211825	50	
PTTB 4-PE	③ 3211854	50	

Accessories ¹⁾		
D-STTB 4	Order No.	Pcs./Pkt.
D-STTB 4	3030462	50

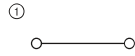
Terminal blocks – CLIPLINE complete

4 mm² PT Push-in connection terminal blocks

Feed-through and multi-level terminal blocks

Notes:

1) For additional accessories and technical data, see page 98.



38 A, 1000 V, feed-through terminal block, incl. cover



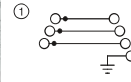
Dimensions	[mm]
Width	8.2
Length	83.5
Height	47.5 (NS 35/7,5)
Maximum electrical data	
I_{max} [A]	38
U_{max} [V]	1000
Maximum bridge current	-
Rated data	
Rated voltage	1000
Nominal current / cross section	32 / 4

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

Technical data ¹⁾				
Width	Length	Height		
8.2	83.5	47.5 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
38	1000	0.2 - 6	24-10	
IEC	UL / CUL	CSA	Ex	
1000	1000	1000	-	
32 / 4	30 / -	30 / -	- / -	

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTTB 4-L 1000V	3062744	50	

Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-PT 4-L 1000V	3210442	50	



32 A, four-level terminal block with PE foot



Technical data ¹⁾				
Width	Length	Height		
6.2	104.4	96.9 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
32	800	0.2 - 6	24-10	
22 (FBS) / 20 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	600	-	-	
26 / 4	28 / -	- / -	- / -	

Ordering data			
Type	Order No.	Pcs./Pkt.	
PT 4-PE/3L	3210442	50	

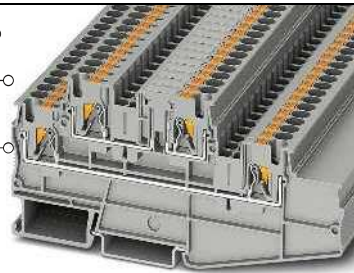
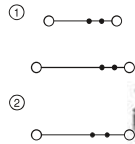
Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-PT 4-PE/3L	3210443	50	

Multi-level terminal blocks

– Same shape as three-level fuse terminal blocks

Notes:

1) For additional accessories and technical data, see page 98.



32 A, multi-level terminal block



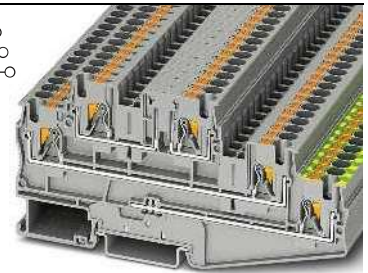
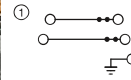
Dimensions	[mm]
Width	6.2
Length	118.5
Height	56 (NS 35/7,5)
Maximum electrical data	
I_{max} [A]	32
U_{max} [V]	500
Maximum bridge current	32 (FBS) / 24 (FBSR)
Rated data	
Rated voltage	500
Nominal current / cross section	30 / 4
Connection capacity	
2 flexible conductors with a TWIN ferrule	-

Description	Color
Terminal block	gray
upper level blue	gray
Cover, width: 2.2 mm	gray

Technical data ¹⁾				
Width	Length	Height		
6.2	118.5	56 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
32	500	0.2 - 6	24-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	600	600	-	
30 / 4	16 / -	16 / -	- / -	
Rigid	Flexible	Ferrule without/with plastic sleeve		
-	-	-		

Ordering data			
Type	Order No.	Pcs./Pkt.	
PT 4-L/L	3002615	50	
PT 4-L	3002616	50	

Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-PT 4-PE/L/HESI	3002619	50	



32 A, multi-level terminal block with PE foot



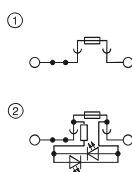
Technical data ¹⁾				
Width	Length	Height		
6.2	119.5	56 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
32	500	0.2 - 6	24-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	600	600	-	
30 / 4	16 / -	16 / -	- / -	
Rigid	Flexible	Ferrule without/with plastic sleeve		
-	-	-		

Ordering data			
Type	Order No.	Pcs./Pkt.	
PT 4-PE/L/L	3002613	50	
PT 4-PE/L/N	3002614	50	

Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-PT 4-PE/L/HESI	3002619	50	

Fuse terminal blocks

Notes:
 1) For additional accessories and technical data, see page 98.
 2) The current is determined by the fuse used, the voltage by the selected LED display. Observe the maximum power dissipation, see phoenixcontact.net/products.



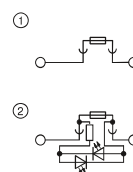
6.3 A, lever-type fuse terminal block for 5 x 20 mm cartridge fuses, 2 function shafts



Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	6.2	56	64.8 (NS 35/7,5)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	6.3²⁾	500²⁾	0.2 - 6	24-10
Maximum bridge current	32 (FBS) / 24 (FBSR) [A]			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	500 ²⁾	300	300	-
Nominal current / cross section	6.3 / 4	6.3 / -	6.3 / -	- / -

Ordering data				
Description	Color	Type	Order No.	Pcs./Pkt.
Fuse terminal block	black	PT 4-HESI (5X20)	① 3211861	50
With LED display 12 ... 30 V AC/DC, 0.31 ... 0.95 mA	black	PT 4-HESILED 24 (5X20)	② 3211903	50
30 ... 60 V AC/DC, 0.40 ... 0.86 mA	black	PT 4-HESILED 60 (5X20)	② 3207908	50
110 ... 250 V AC/DC, 0.41 ... 0.96 mA	black	PT 4-HESILA 250 (5X20)	② 3211907	50

Accessories ¹⁾			
Cover, width: 2.2 mm	Color	Type	Order No.
gray		D-ST 4	3030420



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



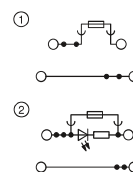
Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	8.2	67.8	42.8 (NS 35/7,5)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	6.3²⁾	500²⁾	0.2 - 6	24-10
Maximum bridge current	-			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	500 ²⁾	300	-	-
Nominal current / cross section	6.3 / 1	6.3 / -	- / -	- / -

Ordering data				
Description	Color	Type	Order No.	Pcs./Pkt.
PTC 4-HESI (5X20)		PTC 4-HESI (5X20)	① 3270200	50
PTC 4-HESILED 24 (5X20)		PTC 4-HESILED 24 (5X20)	② 3270203	50
PTC 4-HESILED 60 (5X20)		PTC 4-HESILED 60 (5X20)	② 3270205	50
PTC 4-HESILA 250 (5X20)		PTC 4-HESILA 250 (5X20)	② 3270197	50

Accessories ¹⁾			
Cover, width: 2.2 mm	Color	Type	Order No.
gray		D-PTC 2,5-TWIN-MT	3270100

Fuse terminal blocks

Notes:
 1) For additional accessories and technical data, see page 98.



Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	6.2	102.9	75.5 (NS 35/7,5)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	32	500	0.2 - 6	24-10
Maximum bridge current	22 (FBS) / 22 (FBSR) [A]			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	500	600	600	-
Nominal current / cross section	28 / 4	6.3 / -	6.3 / -	- / -

Ordering data				
Description	Color	Type	Order No.	Pcs./Pkt.
Fuse terminal block	black	PTTB 4-HESI (5X20)	① 3211886	50
With LED display 12 ... 30 V AC/DC, 0.31 ... 0.95 mA	black	PTTB 4-HESILED 24 (5X20)	② 3211888	50
30 ... 60 V AC/DC, 0.40 ... 0.86 mA	black	PTTB 4-HESILED 60 (5X20)	② 3211890	50
110 ... 250 V AC/DC, 0.41 ... 0.96 mA	black	PTTB 4-HESILED 250 (5X20)	② 3211892	50

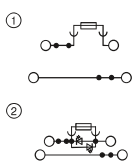
Accessories ¹⁾			
Cover, width: 2.2 mm	Color	Type	Order No.
gray		D-PTTB 4-TG	3211918

Terminal blocks – CLIPLINE complete

4 mm² PT Push-in connection terminal blocks

Fuse terminal blocks

Notes:
 1) For additional accessories and technical data, see page 98.
 2) The current is determined by the fuse used.



32 A, fuse terminal block for 5 x 20 mm cartridge fuses



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

Technical data ¹⁾				
Width	Length	Height		
6.2	118.5	83.9 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
32	500	0.2 - 6	24-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	600	600	-	
28 / 4	6.3 / -	6.3 / -	- / -	
6.3 ²⁾ / 4 (disconnect level)				

Description	Color
Fuse terminal block	black
with LED for 12 ... 30 V DC, 0.31 ... 0.95 mA	black
30 ... 60 V AC/DC, 0.40 ... 0.86 mA	black
110 ... 250 V AC/DC, 0.41 ... 0.96 mA	black

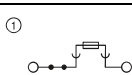
Ordering data				
Type	Order No.	Pcs./Pkt.		
PT 4-L/HESI (5X20)	① 3002608	50		
PT 4-L/HESILED 24 (5X20)	② 3002609	50		
PT 4-L/HESILED 60 (5X20)	② 3002611	50		
PT 4-L/HESILED 250 (5X20)	② 3002612	50		

Accessories ¹⁾		
D-PT 4-PE/L/HESI	3002619	50

Accessories ¹⁾				
Type	Order No.	Pcs./Pkt.		
D-PT 4-PE/L/HESI	3002619	50		

Fuse terminal blocks

Notes:
 1) For additional accessories and technical data, see page 98.
 2) The current is determined by the fuse used, the voltage by the LED display.
 3) 15 A for single arrangement, 10 A for group arrangement. For the derating curve, see phoenixcontact.net/products. The recommended continuous load capacity of fuse inserts in accordance with DIN 72581/Part 3 is a maximum of 80% of their nominal current (at an ambient temperature of 23°C).



15 A, fuse terminal block, for type F flat-type fuses



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

Technical data ¹⁾				
Width	Length	Height		
6.2	56	36.5 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
15 ³⁾	400 ²⁾	0.2 - 6	24-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
400 ²⁾	300	300	-	
10 ²⁾ / 4	7.5 / -	15 / -	- / -	

Description	Color
Fuse terminal block	black
with LED display for 12 V DC, 1.7 mA	black
for 24 V DC, 1.9 mA	black

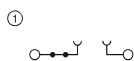
Ordering data				
Type	Order No.	Pcs./Pkt.		
PT 4-FSI/F	① 3208943	50		

Accessories ¹⁾		
D-ST 4	3030420	50

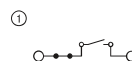
Accessories ¹⁾				
Type	Order No.	Pcs./Pkt.		
PT 4-FSI/F-LED 12	① 3208951	50		
PT 4-FSI/F-LED 24	① 3208964	50		

Disconnect and knife disconnect terminal blocks

Notes:
 1) For additional accessories and technical data, see page 98.
 2) Current and voltage are determined by the plug used.



20 A, disconnect terminal block



20 A, knife disconnect terminal block



Technical data ¹⁾				
Width	Length	Height		
6.2	56	36.5 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
20 ²⁾	500 ²⁾	0.2 - 6	24-10	
20 (FBS) / 20 (FBSR) / 20 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500 ²⁾	300	300	-	
20 / 2.5				

Ordering data			
Type	Order No.	Pcs./Pkt.	
PT 4-TG	3211922	50	

Accessories ¹⁾			
D-ST 4	Order No.	Pcs./Pkt.	
D-ST 4	3030420	50	

Dimensions	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Description	Color
Disconnect terminal block	gray
Knife disconnect terminal block	gray blue
Cover, width: 2.2 mm	gray



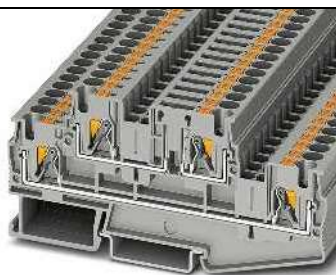
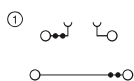
Technical data ¹⁾				
Width	Length	Height		
6.2	56	36.5 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
20	500	0.2 - 6	24-10	
20 (FBS) / 20 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	300	300	-	
20 / 2.5				

Ordering data			
Type	Order No.	Pcs./Pkt.	
PT 4-MT	3211933	50	
PT 4-MT BU	3211934	50	

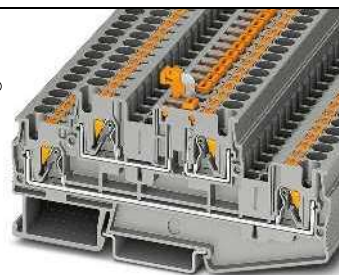
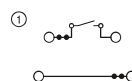
Accessories ¹⁾			
D-ST 4	Order No.	Pcs./Pkt.	
D-ST 4	3030420	50	

Disconnect and knife disconnect terminal blocks

Notes:
 1) For additional accessories and technical data, see page 98.
 2) Current and voltage are determined by the plug used.



32 A, double-level terminal block, one disconnect zone



32 A, double-level knife disconnect terminal block, one disconnect zone



Technical data ¹⁾				
Width	Length	Height		
6.2	102.9	47.4 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
32 ²⁾	500 ²⁾	0.2 - 6	24-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500 ²⁾	600	600	-	
28 ²⁾ / 4				
20 / 4 (disconnect level)				

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTTB 4-TG	3211909	50	
PTTB 4-TG BU	3211911	50	

Accessories ¹⁾			
D-PTTB 4-TG	Order No.	Pcs./Pkt.	
D-PTTB 4-TG	3211918	50	

Dimensions	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Nominal current / cross section	[A] / [mm ²]
Description	Color
Disconnect terminal block	gray blue
Knife disconnect terminal block	gray blue
Cover, width: 2.2 mm	gray



Technical data ¹⁾				
Width	Length	Height		
6.2	102.9	49 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
32	500	0.2 - 6	24-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	600	600	-	
28 ²⁾ / 4				
20 / 4 (disconnect level)				

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTTB 4-MT	3211913	50	
PTTB 4-MT BU	3211915	50	

Accessories ¹⁾			
D-PTTB 4-TG	Order No.	Pcs./Pkt.	
D-PTTB 4-TG	3211918	50	

Terminal blocks – CLIPLINE complete

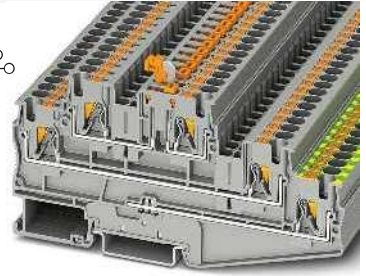
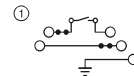
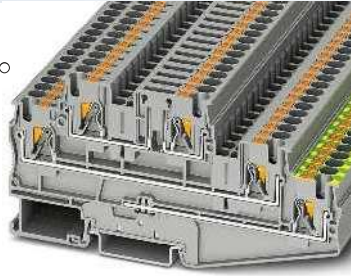
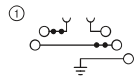
4 mm² PT Push-in connection terminal blocks

Disconnect and knife disconnect terminal blocks

– Same shape as three-level fuse terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 98.



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

Technical data ¹⁾				
Width	Length	Height		
6.2	119.5	56 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
32	500	0.2 - 6	24-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	600	600	-	
30 / 4	16 / -	16 / -	- / -	
20 / 4 (disconnect level)				

Technical data ¹⁾				
Width	Length	Height		
6.2	119.5	57.6 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
32	500	0.2 - 6	24-10	
20 (FBS) / 20 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	600	600	-	
30 / 4	16 / -	16 / -	- / -	
20 / 4 (disconnect level)				

Description	Color
Disconnect terminal block	gray
Knife disconnect terminal block	gray

Ordering data			
Type	Order No.	Pcs./Pkt.	
PT 4-PE/L/TG	3002618	50	

Ordering data			
Type	Order No.	Pcs./Pkt.	
PT 4-PE/L/MT	3002617	50	

Cover, width: 2.2 mm	gray
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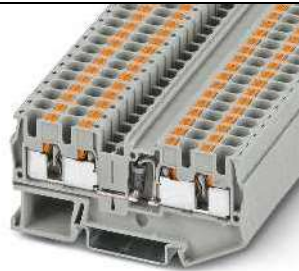
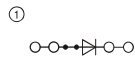
Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-PT 4-PE/L/HESI	3002619	50	

Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-PT 4-PE/L/HESI	3002619	50	

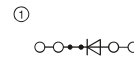
Diode terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 98.



1.5 A, diode terminal block, 1N 5408 (1000 V/1.5 A)



1.5 A, diode terminal block, 1N 5408 (1000 V/1.5 A)



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

Technical data ¹⁾				
Width	Length	Height		
6.2	77	36.5 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
1.5	800	0.2 - 6	24-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	600	600	-	
1.5 / 1	1.5 / -	1.5 / -	- / -	

Technical data ¹⁾				
Width	Length	Height		
6.2	77	36.5 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
1.5	800	0.2 - 6	24-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	600	600	-	
1.5 / 1	1.5 / -	1.5 / -	- / -	

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

Ordering data			
Type	Order No.	Pcs./Pkt.	
PT 4-QUATTRO-DIO 1N 5408/L-R	3211919	50	

Ordering data			
Type	Order No.	Pcs./Pkt.	
PT 4-QUATTRO-DIO 1N 5408/R-L	3211921	50	

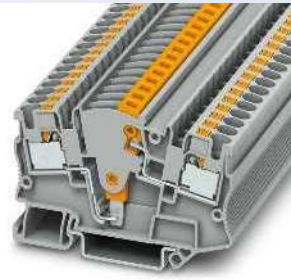
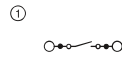
Cover, width: 2.2 mm	gray
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Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-PT 4-QUATTRO	3208979	50	

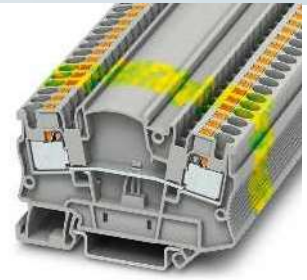
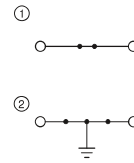
Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-PT 4-QUATTRO	3208979	50	

Test disconnect terminal blocks

Notes:
 1) For additional accessories and technical data, see page 98.



24 A, test disconnect terminal block



32 A, feed-through terminal block, same shape



Technical data ¹⁾				
Width	Length	Height		
6.2	70.5	49.5 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
24	500	0.2 - 6	24-10	
24 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	300	300	-	
Nominal current / cross section [A] / [mm ²]				
24 / 4	26 / -	26 / -	- / -	

Ordering data		
Type	Order No.	Pcs./Pkt.
PTME 4	3212139	50

Accessories ¹⁾		
Type	Order No.	Pcs./Pkt.
D-PTME 4	3212167	10



Technical data ¹⁾				
Width	Length	Height		
6.2	70.5	49.5 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
32	500	0.2 - 6	24-10	
28 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	300	300	-	
Nominal current / cross section [A] / [mm ²]				
32 / 4	26 / -	26 / -	- / -	

Ordering data		
Type	Order No.	Pcs./Pkt.
PTMED 4	3212141	50
PTMED 4-PE	3212154	50

Accessories ¹⁾		
Type	Order No.	Pcs./Pkt.
D-PTME 4	3212167	10

Dimensions	
	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
24 / 4	26 / -

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

Supplementary accessories for PTME 4 test disconnect terminal blocks



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

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

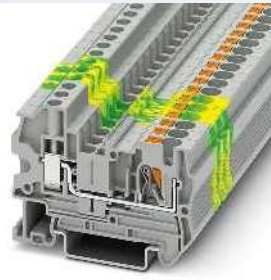
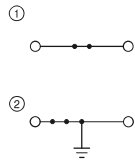
Ordering data		
Type	Order No.	Pcs./Pkt.
PAI-4-FIX-5/6 OG	3035974	10
PAI-4-FIX-5/6 YE	3035977	10
PAI-4-FIX-5/6 GN	3035978	10
PAI-4-FIX-5/6 VT	3035979	10
PAI-4-FIX-5/6 BK	3035980	10
PAI-4-FIX-5/6 BU	3035975	10
PAI-4-FIX-5/6 RD	3035976	10
PAI-4-FIX-5/6 GY	3035982	10
PAI-4-FIX-5/6 BN	3035981	10
PAI-4-FIX-5/6 WH	3035983	10
S-ME 4	3035758	10
SB-ME 2-6	3035755	10
SB-ME 3-6	3035756	10
SB-ME 4-6	3035757	10
C-ME 4/2	3035759	10
C-ME 4/3	3035760	10

Terminal blocks – CLIPLINE complete

4 mm² PT Push-in connection terminal blocks

Hybrid terminal blocks with screw connection on one side, 4 (6) mm²

Notes:
1) For additional accessories and technical data, see page 98.
2) For screw connection rated data, see page 158.



38 A, feed-through terminal block

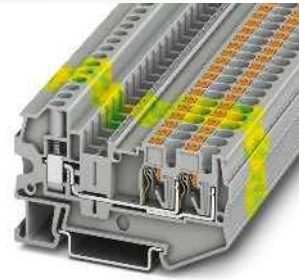
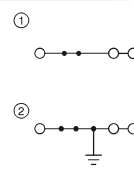


Dimensions	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data²⁾	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]

Technical data ¹⁾				
Width	Length	Height		
6.2	58.8	42.8 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
38	800	0.2 - 6	24-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	600	- / -	- / -	
32 / 4	30 / -	- / -	- / -	

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

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTU 4	① 3211855	50	
PTU 4 BU	① 3211856	50	
PTU 4-PE	② 3211857	50	
Accessories ¹⁾			
D-PTU 4	3211858	50	



38 A, feed-through terminal block, 3 connections

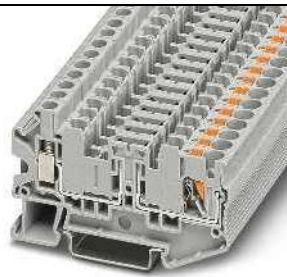
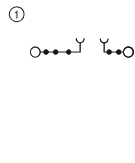


Technical data ¹⁾				
Width	Length	Height		
6.2	69.3	42.8 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
38	800	0.2 - 6	24-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	600	- / -	- / -	
32 / 4	30 / -	- / -	- / -	

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTU 4-TWIN	① 3211859	50	
PTU 4-TWIN BU	① 3211860	50	
PTU 4-TWIN-PE	② 3211862	50	
Accessories ¹⁾			
D-PTU 4-TWIN	3211863	50	

Hybrid terminal blocks with screw connection on one side, 4 (6) mm²

Notes:
1) For additional accessories and technical data, see page 98.
2) For screw connection rated data, see page 158.



20 A, disconnect terminal block, 3 function shafts and two 4 mm test sockets

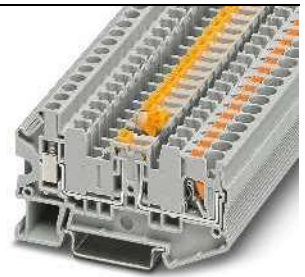
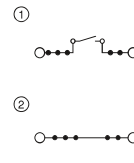


Dimensions	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data²⁾	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]

Technical data ¹⁾				
Width	Length	Height		
6.2	71	42.8 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
20	400	0.2 - 6	-	
20 (FBS) / 20 (FBSR)				
IEC	UL / CUL	CSA	Ex	
400	- / -	- / -	- / -	
20 / 4	- / -	- / -	- / -	

Description	Color
Terminal block	gray
With test socket screws	gray
Feed-through terminal block, same shape	gray
With test socket screws	gray
Cover, width: 2.2 mm	gray

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTU 4-TG	① 3209542	50	
PTU 4-TG-P	① 3209541	50	
Accessories ¹⁾			
D-PTU 4-MT	3209534	50	



20 A, knife disconnect terminal block, 3 function shafts and two 4 mm test sockets

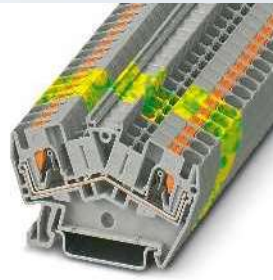
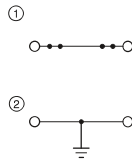


Technical data ¹⁾				
Width	Length	Height		
6.2	71	42.8 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
20	400	0.2 - 6	-	
20 (FBS) / 20 (FBSR)				
IEC	UL / CUL	CSA	Ex	
400	- / -	- / -	- / -	
20 / 4	- / -	- / -	- / -	

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTU 4-MT	① 3209538	50	
PTU 4-MT-P	① 3209532	50	
PTU 4-MTD	② 3209539	50	
PTU 4-MTD-P	② 3209540	50	
Accessories ¹⁾			
D-PTU 4-MT	3209534	50	

Feed-through terminal blocks, multi-conductor terminal blocks, and ground terminals in desk design

Notes:
 1) For additional accessories and technical data, see page 98.
 For information on installation and using accessories for Ex applications, see page 678.



38 A, feed-through terminal block



Ex: Ex IEC ENEC
 KIWA17ATEX0048U / IECEX KIWA17.0026U

Technical data¹⁾

Dimensions	[mm]	Width	Length	Height
		6.2	62.4	43 (NS 35/7,5)
Maximum electrical data		I_{max} [A]	U_{max} [V]	max. Ø [mm ²] AWG (UL)
		38	800	0.2 - 6 24-10
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)		
Rated data		IEC	UL / CUL	CSA Ex
Rated voltage	[V]	800	600	600 550
Nominal current / cross section	[A] / [mm ²]	32 / 4	30 / -	30 / - 28 / 4

Ordering data

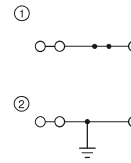
Description	Color
Terminal block	gray
	blue
Ground terminal	green-yellow

Type	Order No.	Pcs./Pkt.
PTS 4	① 3213601	50
PTS 4 BU	① 3213602	50
PTS 4-PE	② 3213603	50

Accessories¹⁾

Cover, width: 2.2 mm	gray
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D-PTS 4	3213600	10
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38 A, feed-through terminal block, 3 connections



Ex: Ex IEC ENEC
 KIWA17ATEX0048U / IECEX KIWA17.0026U

Technical data¹⁾

Dimensions	[mm]	Width	Length	Height
		6.2	62.4	43 (NS 35/7,5)
Maximum electrical data		I_{max} [A]	U_{max} [V]	max. Ø [mm ²] AWG (UL)
		38	800	0.2 - 6 24-10
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)		
Rated data		IEC	UL / CUL	CSA Ex
Rated voltage	[V]	800	600	600 550
Nominal current / cross section	[A] / [mm ²]	32 / 4	30 / -	30 / - 28 / 4

Ordering data

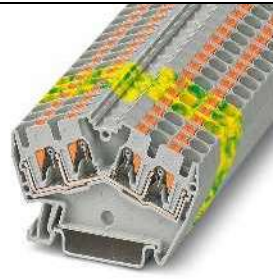
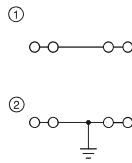
Type	Order No.	Pcs./Pkt.
PTS 4-TWIN	① 3213604	50
PTS 4-TWIN BU	① 3213605	50
PTS 4-TWIN-PE	② 3213606	50

Accessories¹⁾

D-PTS 4	3213600	10
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Multi-conductor terminal blocks, multi-level terminal blocks, and ground terminals in desk design

Notes:
 1) For additional accessories and technical data, see page 98.
 For information on installation and using accessories for Ex applications, see page 678.



38 A, feed-through terminal block, 4 connections



Ex: Ex IEC ENEC
 KIWA17ATEX0048U / IECEX KIWA17.0026U

Technical data¹⁾

Dimensions	[mm]	Width	Length	Height
		6.2	62.4	43 (NS 35/7,5)
Maximum electrical data		I_{max} [A]	U_{max} [V]	max. Ø [mm ²] AWG (UL)
		38	800	0.2 - 6 24-10
Maximum bridge current	[A]	-		
Rated data		IEC	UL / CUL	CSA Ex
Rated voltage	[V]	800	600	600 550
Nominal current / cross section	[A] / [mm ²]	32 / 4	30 / -	30 / - 27 / 4

Ordering data

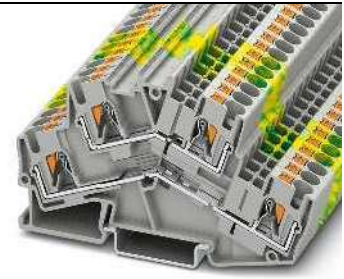
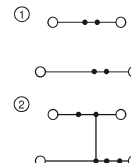
Description	Color
Terminal block	gray
	blue
With potential distribution	gray
Ground terminal	green-yellow

Type	Order No.	Pcs./Pkt.
PTS 4-QUATTRO	① 3213607	50
PTS 4-QUATTRO BU	① 3213608	50
PTS 4-QUATTRO-PE	② 3213609	50

Accessories¹⁾

Cover, width: 2.2 mm	gray
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D-PTS 4	3213600	10
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Ex: Ex IEC ENEC
 KIWA17ATEX0048U / IECEX KIWA17.0026U

Technical data¹⁾

Dimensions	[mm]	Width	Length	Height
		6.2	96	54.5 (NS 35/7,5)
Maximum electrical data		I_{max} [A]	U_{max} [V]	max. Ø [mm ²] AWG (UL)
		32	800	0.2 - 6 24-10
Maximum bridge current	[A]	26 (FBS) / 22 (FBSR)		
Rated data		IEC	UL / CUL	CSA Ex
Rated voltage	[V]	800	600	600 440
Nominal current / cross section	[A] / [mm ²]	28	24 / -	24 / - 23 / 4

Ordering data

Type	Order No.	Pcs./Pkt.
PTTBS 4	① 3211832	50
PTTBS 4 BU	① 3211838	50
PTTBS 4-PV	② 3211848	50
PTTBS 4-PE	③ 3211841	50

Accessories¹⁾

D-PTTBS 4	3211849	50
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Terminal blocks – CLIPLINE complete

4 mm² PT Push-in connection terminal blocks

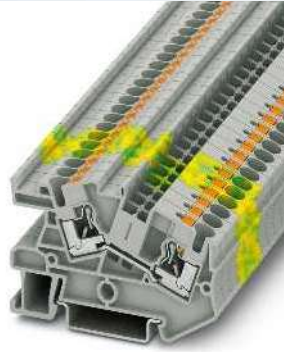
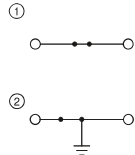
Installation terminal blocks

Notes:

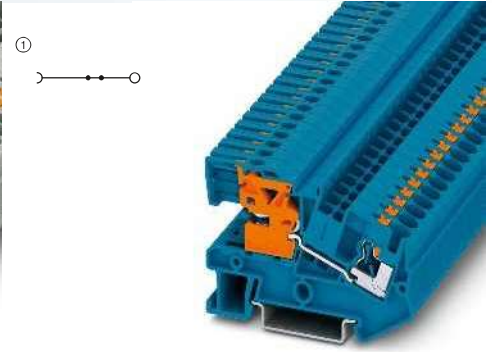
1) For additional accessories and technical data, see page 98.

Assembly instruction:

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



32 A, feed-through terminal block



32 A, neutral disconnect terminal block



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

Technical data ¹⁾				
Width	Length	Height		
6.2	66	44 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
32	800	0.2 - 6	-	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	-	-	-	
32 / 4	- / -	- / -	- / -	
Rigid	Flexible	Ferrule without/with plastic sleeve		
0.2 - 6	0.2 - 6	0.25 - 4	0.25 - 4	
-	-	-	-	

Technical data ¹⁾				
Width	Length	Height		
6.2	66	46.3 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
32	250	0.2 - 6	-	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
250	-	-	-	
32 / 4	- / -	- / -	- / -	
Rigid	Flexible	Ferrule without/with plastic sleeve		
0.2 - 6	0.2 - 4	0.25 - 4	0.25 - 4	
0.2 - 2	-	-	-	

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

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTI 4	① 3213970	50	
PTI 4 BU	① 3213971	50	
PTI 4-PE	② 3213964	50	

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTN 4	① 3213965	50	

Cover, width: 2.2 mm	gray
Support bracket, to hold the neutral busbar, set every 20 cm, 2 mm wide	blue

Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-PTI 4	1016697	50	
AB-PTI	3214006	50	

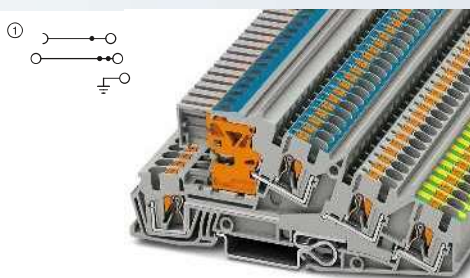
Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-PTN 4	3213978	50	
AB-PTI	3214006	50	

Installation terminal blocks

Notes:

1) For additional accessories and technical data, see page 98.
 2) Max. load current 32 A with a 6 mm² conductor cross section

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



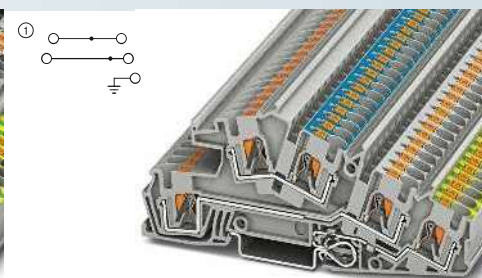
32 A, three-level terminal block, 1 x L outer conductor, 1 x N conductor can be disconnected, 1 x PE



Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	6.2	114	50.5 (NS 35/7,5)	
Maximum electrical data	I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
	32 ²⁾	400	0.2 - 6	20-8
Maximum bridge current	32 (FBS) / 24 (FBSR)			
[A]				
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	400	300	600	-
[V]				
Nominal current / cross section	28 / 4	27 / -	27 / -	- / -
[A] / [mm ²]				
Connection capacity	Rigid	Flexible	Ferrule	
			without/with plastic sleeve	
1 conductor	0.2 - 6	0.2 - 6	0.25 - 4	0.25 - 4

Ordering data			
Description	Type	Order No.	Pcs./Pkt.
Terminal block, upper level blue	PTI 4-PE/L/NT	3214047	50
Terminal block, upper level gray	PTI 4-PE/L/LT	3214048	50

Accessories ¹⁾			
Description	Type	Order No.	Pcs./Pkt.
Cover, width: 2.2 mm	D-PTI 4/3	3214054	50
Support bracket, to hold the neutral busbar, set every 20 cm, 2 mm wide	AB-PTI 4/3	3214053	50



32 A, three-level terminal block, 2 x L outer conductor, 1 x PE



Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	6.2	114	50.5 (NS 35/7,5)	
Maximum electrical data	I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
	32 ²⁾	400	0.2 - 6	20-8
Maximum bridge current	32 (FBS) / 24 (FBSR)			
[A]				
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	400	300	600	-
[V]				
Nominal current / cross section	28 / 4	27 / -	27 / -	- / -
[A] / [mm ²]				
Connection capacity	Rigid	Flexible	Ferrule	
			without/with plastic sleeve	
1 conductor	0.2 - 6	0.2 - 6	0.25 - 4	0.25 - 4

Ordering data			
Description	Type	Order No.	Pcs./Pkt.
Terminal block, upper level blue	PTI 4-PE/L/N	3214049	50
Terminal block, upper level gray	PTI 4-PE/L/L	3214050	50

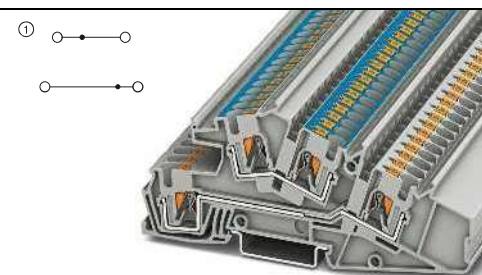
Accessories ¹⁾			
Description	Type	Order No.	Pcs./Pkt.
Cover, width: 2.2 mm	D-PTI 4/3	3214054	50
Support bracket, to hold the neutral busbar, set every 20 cm, 2 mm wide	AB-PTI 4/3	3214053	50

Installation terminal blocks

Notes:

1) For additional accessories and technical data, see page 98.
 2) Max. load current 32 A with a 6 mm² conductor cross section

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



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



Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	6.2	114	50.5 (NS 35/7,5)	
Maximum electrical data	I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
	32 ²⁾	400	0.2 - 6	20-8
Maximum bridge current	32 (FBS) / 24 (FBSR)			
[A]				
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	400	300	600	-
[V]				
Nominal current / cross section	28 / 4	27 / -	27 / -	- / -
[A] / [mm ²]				
Connection capacity	Rigid	Flexible	Ferrule	
			without/with plastic sleeve	
1 conductor	0.2 - 6	0.2 - 6	0.25 - 4	0.25 - 4

Ordering data			
Description	Type	Order No.	Pcs./Pkt.
Terminal block, upper level blue	PTI 4-L/N	3214051	50
Terminal block, upper level gray	PTI 4-L/L	3214052	50

Accessories ¹⁾			
Description	Type	Order No.	Pcs./Pkt.
Cover, width: 2.2 mm	D-PTI 4/3	3214054	50
Support bracket, to hold the neutral busbar, set every 20 cm, 2 mm wide	AB-PTI 4/3	3214053	50

Terminal blocks – CLIPLINE complete

6 mm² PT Push-in connection terminal blocks

General technical data

Rated data		IEC 60947-7-1 / IEC 60947-7-2 / IEC 60947-7-3			
Rated cross section	[mm ²]	6			
Cross section range	AWG	20 - 8			
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	[mm ²]	0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 6
2 flexible conductors with a TWIN ferrule	[mm ²]	-	-	-	0.5 - 1.5
Connection cross sections directly plug-in	[mm ²]	1 - 10	-	1 - 6	1 - 6
General data					
Stripping length	[mm]	10 - 12			
Insulating material		PA			
Flammability rating in accordance with UL 94		V0			

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

Notes:



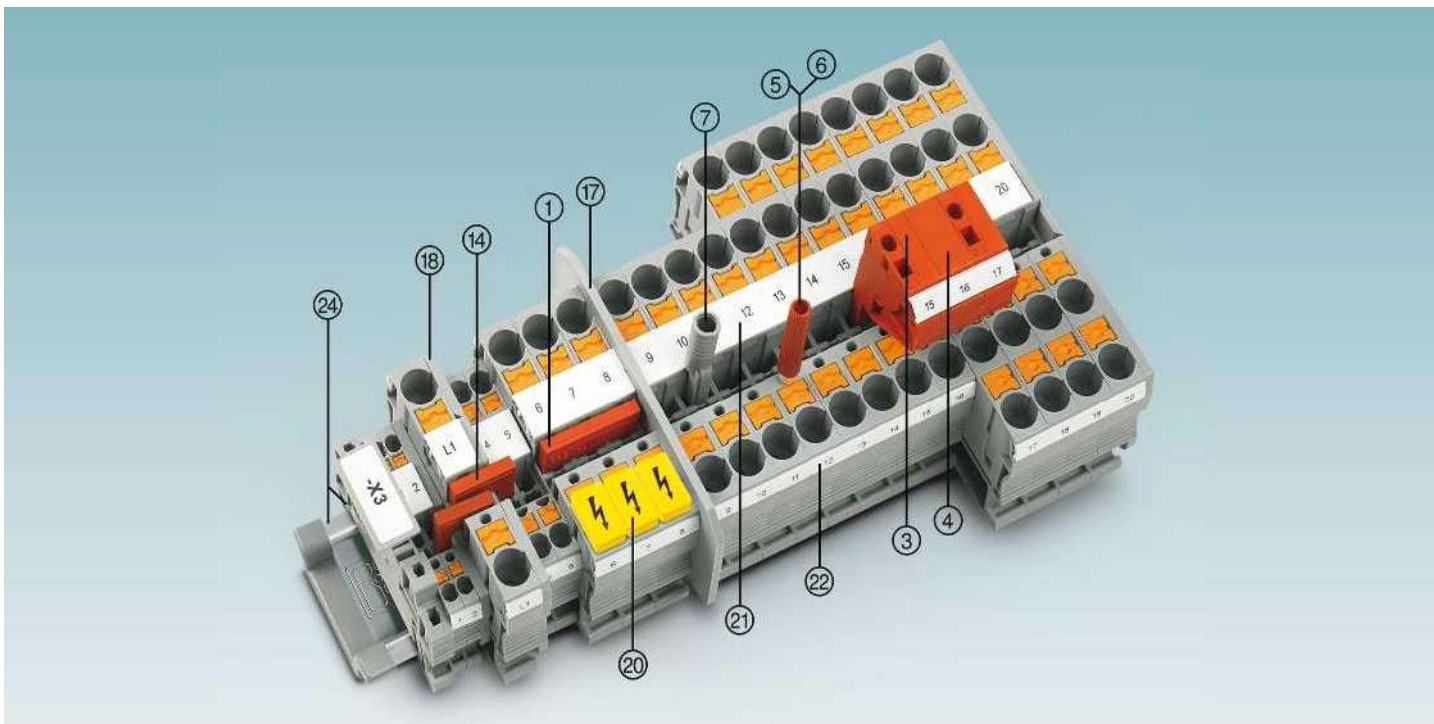
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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 ¹⁾	2	red	FBS 2-8	3030284	10	FBSR 2-8	3033808	10
	3	red	FBS 3-8	3030297	10	FBSR 3-8	3001597	10
	4	red	FBS 4-8	3030307	10	FBSR 4-8	3000585	10
	5	red	FBS 5-8	3030310	10	FBSR 5-8	3033809	10
	10	red	FBS 10-8	3030323	10	FBSR 10-8	3001599	10
	16	red				FBSR 16-8	3033816	10
③ Modular test plug		red	PS-8	3031005	10			
④ Spacer plate		red	DP PS-8	3036741	10			
⑤ Test plug metal part		gray	MPS-MT	0201744	10			
⑥ Insulating sleeve, for MPS metal part		red	MPS-IH RD	0201676	10			
⑦ Test adapter, 4 mm socket hole		gray	PAI-4-N GY	3032871	10			
Screwdriver			SZF 2-0,8X4,0	1204520	10			

⑭ Reducing bridge
⑰ Partition plates/end cover segments
⑱ Cover
⑳ Warning labels
㉑ Center groove labeling
㉒ Center and side groove labeling
㉓ DIN rail and end bracket
For full accessories, visit phoenixcontact.net/products

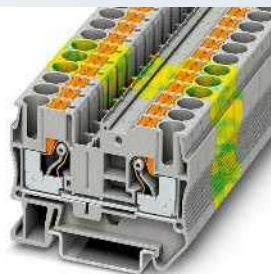
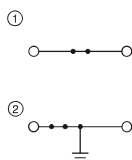
For RB ..., see page 408.
For ATP-... / DS-..., visit phoenixcontact.net/products
Listed alongside the respective product.
For WS ..., see page 420.
UC-TM 8, UCT-TM 8 or ZB 8. See also Catalog 3, selection tables, from page 60.
UC-TMF 8, UCT-TMF 8 or ZBF 8. See also Catalog 3, selection tables, from page 60.
See Catalog 3
Note: Additional or deviating accessories are listed alongside the respective product.

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

Notes:

1) For additional accessories and technical data, see page 110.

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



52 A, feed-through terminal block

Ex: EAC Ex IEC Ex

 SEV13ATEX0159U / IECEx SEV13.0005U

Technical data¹⁾

Dimensions	Width	Length	Height		
	8.2	57.7	43.5 (NS 35/7,5)		
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
	52	1000	0.5 - 10	20-8	
Maximum bridge current	41 (FBS) / 32 (FBSR) [A]				
Rated data	IEC	UL / CUL	CSA	Ex	
Rated voltage	1000	600	600	550	
Nominal current / cross section	41 / 6	40 / -	40 / -	36.5 / 6	

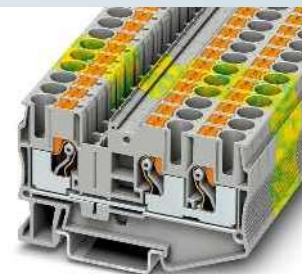
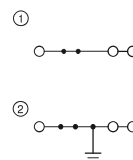
Ordering data

Type	Order No.	Pcs./Pkt.
PT 6	① 3211813	50
PT 6 BU	① 3211819	50
PT 6-PE	② 3211822	50

Accessories¹⁾

D-PT 6	3212044	50
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Description	Color
Terminal block	gray
	blue
Ground terminal	green-yellow
Cover, width: 2.2 mm	gray



52 A, feed-through terminal block, 3 connections

Ex: EAC Ex IEC Ex

 SEV13ATEX0159U / IECEx SEV13.0005U

Technical data¹⁾

Dimensions	Width	Length	Height		
	8.2	74.2	43.5 (NS 35/7,5)		
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
	52	1000	0.5 - 10	20-8	
Maximum bridge current	41 (FBS) / 32 (FBSR) [A]				
Rated data	IEC	UL / CUL	CSA	Ex	
Rated voltage	1000	600	600	550	
Nominal current / cross section	41 / 6	40 / -	40 / -	35.5 / 6	

Ordering data

Type	Order No.	Pcs./Pkt.
PT 6-TWIN	① 3211929	50
PT 6-TWIN BU	① 3211485	50
PT 6-TWIN-PE	② 3211498	50

Accessories¹⁾

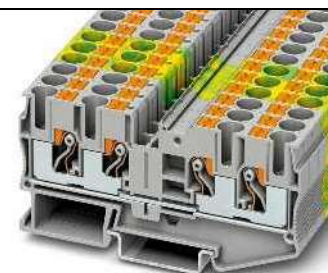
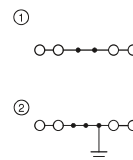
D-PT 6-TWIN	3211508	50
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Feed-through, multi-conductor, multi-level, and ground terminal blocks

Notes:

1) For additional accessories and technical data, see page 110.

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



52 A, feed-through terminal block, 4 connections

Ex: EAC Ex IEC Ex

 SEV13ATEX0159U / IECEx SEV13.0005U

Technical data¹⁾

Dimensions	Width	Length	Height		
	8.2	90.5	43.5 (NS 35/7,5)		
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
	52	1000	0.5 - 10	20-8	
Maximum bridge current	41 (FBS) / 32 (FBSR) [A]				
Rated data	IEC	UL / CUL	CSA	Ex	
Rated voltage	1000	600	600	550	
Nominal current / cross section	41 / 6	40 / -	40 / -	36 / 6	

Ordering data

Type	Order No.	Pcs./Pkt.
PT 6-QUATTRO	① 3212934	50
PT 6-QUATTRO BU	① 3212947	50
PT 6-QUATTRO-PE	② 3212950	50

Accessories¹⁾

D-PT 6-QUATTRO	3212963	50
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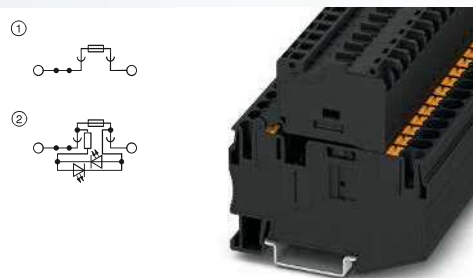
Description	Color
Terminal block	gray
	blue
Ground terminal	green-yellow
Cover, width: 2.2 mm	gray

Terminal blocks – CLIPLINE complete

6 mm² PT Push-in connection terminal blocks

Fuse terminal blocks

Notes:
 1) For additional accessories and technical data, see page 110.
 2) The current is determined by the fuse used, the voltage by the selected LED display. Observe the maximum power dissipation, see phoenixcontact.net/products.



10 A, lever-type fuse terminal block for 6.3 x 32 mm cartridge fuses, 2 function shafts



Dimensions	[mm]
Width	8.2
Length	74.5
Height	69 (NS 35/7,5)

Maximum electrical data	
Maximum bridge current	30 (FBS) / 30 (FBSR)
Rated voltage	630 ²⁾
Nominal current / cross section	10 / 6

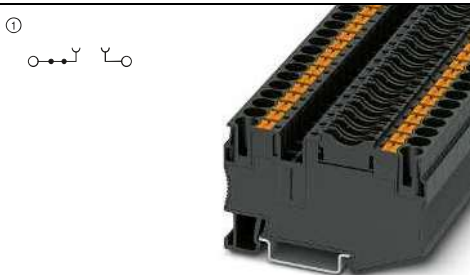
Technical data ¹⁾			
Width	Length	Height	
8.2	74.5	69 (NS 35/7,5)	
I_{max} [A]	U_{max} [V]	max. \varnothing [mm ²]	AWG (UL)
10 ²⁾	630 ²⁾	0.5 - 10	20-8
30 (FBS) / 30 (FBSR)			
IEC	UL / CUL	CSA	Ex
630 ²⁾	600	600	-
10 / 6	10 / -	10 / -	- / -

Description	Color
Fuse terminal block	black
With LED display 12 ... 30 V AC/DC, 0.31 ... 0.95 mA	black
30 ... 60 V AC/DC, 0.40 ... 0.86 mA	black
110 ... 250 V AC/DC, 0.41 ... 0.96 mA	black

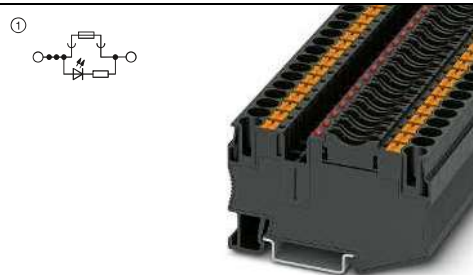
Ordering data			
Type	Order No.	Pcs./Pkt.	
PT 6-HESI (6,3X32)	① 3211870	50	
PT 6-HESILED 24 (6,3X32)	② 3211874	50	
PT 6-HESILED 60 (6,3X32)	② 3211868	50	
PT 6-HESILED 250 (6,3X32)	② 3212133	50	

Fuse terminal blocks

Notes:
 1) For additional accessories and technical data, see page 110.
 You can find a selection of matching thermal TCP circuit breakers in Catalog 4.



30 A, fuse terminal block for type C flat-type fuses



30 A, fuse terminal block with LED display for type C flat-type fuses



Dimensions	[mm]
Width	8.2
Length	74.1
Height	45.5 (NS 35/7,5)

Maximum electrical data	
Maximum bridge current	30 (FBS) / 30 (FBSR)
Rated voltage	400
Nominal current / cross section	25 / 6

Description	Color
Fuse terminal block	black
with LED display for 6 - 12 V DC, 0.31 - 0.95 mA	black
for 12 - 30 V DC, 0.31 - 0.95 mA	black
for 24 - 48 V DC, 0.31 - 0.95 mA	black

Technical data ¹⁾			
Width	Length	Height	
8.2	74.1	45.5 (NS 35/7,5)	
I_{max} [A]	U_{max} [V]	max. \varnothing [mm ²]	AWG (UL)
30	400	0.5 - 10	20-8
30 (FBS) / 30 (FBSR)			
IEC	UL / CUL	CSA	Ex
400	600	600	-
25 / 6	25 / -	25 / -	- / -

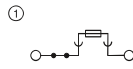
Ordering data			
Type	Order No.	Pcs./Pkt.	
PT 6-FSI/C	① 3212166	50	

Technical data ¹⁾			
Width	Length	Height	
8.2	74.1	45.5 (NS 35/7,5)	
I_{max} [A]	U_{max} [V]	max. \varnothing [mm ²]	AWG (UL)
30	12	0.5 - 10	20-8
30 (FBS) / 30 (FBSR)			
IEC	UL / CUL	CSA	Ex
12	600	600	-
25 / 6	25 / -	25 / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
PT 6-FSI/C-LED 12	① 3212169	50	
PT 6-FSI/C-LED 24	① 3212172	50	
PT 6-FSI/C-LED 48	① 3212175	50	

Fuse terminal blocks

Notes:
 1) For additional accessories and technical data, see page 110.



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

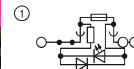


Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	12.3	77.7	51.2 (NS 35/7,5)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	10	1000	0.5 - 10	20-8
Maximum bridge current	32 (FBS) [A]			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	1000	600	-	-
Nominal current / cross section	10 / 6	10 / -	- / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
PT 6-DREHSI (5X20)	3025042	25	

Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	12.3	77.7	51.2 (NS 35/7,5)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	10	1000	0.5 - 10	20-8
Maximum bridge current	30 (FBS) [A]			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	1000	600	-	-
Nominal current / cross section	10 / 6	10 / -	- / -	- / -

Ordering data		
Description	No. of pos.	Color
Fuse terminal block		black
With LED display 12 ... 30 V AC/DC, 0.31 ... 0.95 mA		black
110 ... 250 V AC/DC, 0.41 ... 0.96 mA		black



10 A, fuse terminal block
for 5 x 20 mm cartridge fuses, with LED

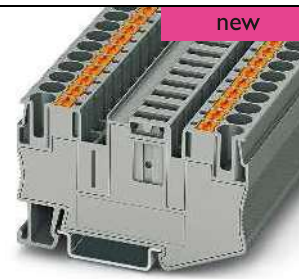
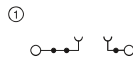


Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	12.3	77.7	51.2 (NS 35/7,5)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	10	1000	0.5 - 10	20-8
Maximum bridge current	30 (FBS) [A]			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	1000	600	-	-
Nominal current / cross section	10 / 6	10 / -	- / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
PT 6-DREHSILED 24 (5X20)	3025046	25	
PT 6-DREHSILA 250 (5X20)	3025044	25	

Disconnect and knife disconnect terminal blocks

Notes:
 1) For additional accessories and technical data, see page 110.



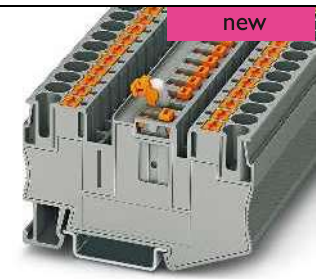
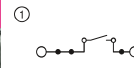
20 A, disconnect terminal block



Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	8.2	74.1	45.3 (NS 35/7,5)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	20	500	0.5 - 10	20-8
Maximum bridge current	20 (FBS) / 20 (FBSR) [A]			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	500	600	600	-
Nominal current / cross section	20 / 6	20 / -	20 / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
PT 6-TG	3212163	50	

Ordering data	
Description	Color
Disconnect terminal block	gray
Knife disconnect terminal block	gray



20 A, knife disconnect terminal block



Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	8.2	74.1	43.7 (NS 35/7,5)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	20	500	0.5 - 10	20-8
Maximum bridge current	20 (FBS) / 20 (FBSR) [A]			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	500	600	600	-
Nominal current / cross section	20 / 6	20 / -	20 / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
PT 6-MT	3212160	50	

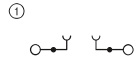
Terminal blocks – CLIPLINE complete

6 mm² PT Push-in connection terminal blocks

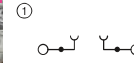
Disconnect and knife disconnect terminal blocks

Notes:

1) For additional accessories and technical data, see page 110.



32 A, measurement-disconnect terminal block, with isolating plug

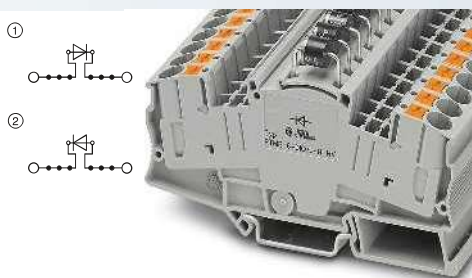


32 A, measurement-disconnect terminal block, with disconnect lever

		Technical data ¹⁾						Technical data ¹⁾			
Dimensions		Width	Length	Height		Width		Length	Height		
	[mm]	10.2	91	64.3 (NS 35/7,5) / 69.3 (NS 32)		10.2	91	64.3 (NS 35/7,5) / 69.3 (NS 32)			
Maximum electrical data		I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)		
		32	1000	0.5 - 10	-	32	1000	0.5 - 10	-		
Maximum bridge current		[A]									
Rated data											
Rated voltage		[V]	1000	-	-	-	1000	-	-	-	
Nominal current / cross section		[A] / [mm ²]	32 / 6	- / -	- / -	- / -	32 / 6	- / -	- / -	- / -	
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve		Rigid	Flexible	Ferrule without/with plastic sleeve			
1 conductor		[mm ²]	0.5 - 10	0.5 - 6	0.5 - 10	0.5 - 10	0.5 - 10	0.5 - 10	0.5 - 10		
2 flexible conductors with a TWIN ferrule		[mm ²]	-	-	-	0.5 - 2.5	-	-	0.5 - 2.5		
Connection cross sections directly plug-in		[mm ²]	1 - 10	-	1.5 - 6	1.5 - 6	1 - 10	-	1.5 - 6	1.5 - 6	
		Ordering data						Ordering data			
Description	Color	Type	Order No.	Pcs./Pkt.		Type	Order No.	Pcs./Pkt.			
Measurement-disconnect terminal block	gray gray	PT 6-T P/P HV	1028589	50		PT 6-MT P/P HV	1028591	50			
		Accessories ¹⁾						Accessories ¹⁾			
Spacer plate, width: 1.8 mm		gray	DP-PT 6-T P/P HV-1,8	1028592	10	DP-PT 6-T P/P HV-1,8	1028592	10			
Isolating plug		gray	P-DI HV	1028594	10						
Isolating plug, disconnect function only		blue	P-DI-MP HV	1028600	10						

Diode terminal blocks

Notes:
1) For additional accessories and technical data, see page 110.
2) If the diode is loaded to 5 A, the surface reaches a temperature of +140°C.
3) 1000 V reverse voltage
If several diode terminal blocks need adding to the DIN rail, a spacer plate must be placed between them.



5 A, 1000 V, diode terminal block, same shape



Spacer plate, same shape



Technical data¹⁾

Dimensions	Width	Length	Height
[mm]	8.2	100.8	60 (NS 35/7,5)
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²] AWG (UL)
Maximum bridge current	5 ³⁾	1000 ³⁾	0.5 - 10 20-8
Rated data	IEC	UL / CUL	CSA Ex
Rated voltage	1000 ³⁾	600	600 -
Nominal current / cross section	[A] / [mm ²]	5 ²⁾ / 6	10 / - 10 / - - / -
General data	Stripping length	[mm]	12

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block, for conducting direction see circuit diagram	gray	PTME 6-DIO/L-R HV ①	3035697	50
Spacer plate	gray	PTME 6-DIO/R-L HV ②	3035698	50

Accessories¹⁾

Cover, width: 2.2 mm	gray	D-DTME 6	3034426	10
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Technical data¹⁾

Dimensions	Width	Length	Height
[mm]	8.2	100.8	49.6 (NS 35/7,5)
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²] AWG (UL)
Maximum bridge current	-	-	-
Rated data	IEC	UL / CUL	CSA Ex
Rated voltage	-	-	-
Nominal current / cross section	[A] / [mm ²]	- / -	- / -
General data	Stripping length	[mm]	-

Ordering data

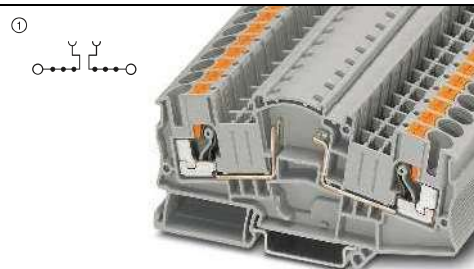
Description	Color	Type	Order No.	Pcs./Pkt.
Spacer plate	gray	DP-STMED 6	3035690	50

Accessories¹⁾

Cover, width: 2.2 mm	gray	D-DTME 6	3034426	10
----------------------	------	----------	---------	----

Component terminal blocks for customer-side component soldering

Notes:
1) For additional accessories and technical data, see page 110.



Terminal block, for soldering a component



Technical data¹⁾

Dimensions	Width	Length	Height
[mm]	8.2	100.8	60 (NS 35/7,5)
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²] AWG (UL)
Maximum bridge current	32	500	0.5 - 10 -
Rated data	IEC	UL / CUL	CSA Ex
Rated voltage	500	-	-
Nominal current / cross section	[A] / [mm ²]	30 / 6	- / - - / -
General data	Stripping length	[mm]	12

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block, component can be soldered in	gray	PTME 6-BE ①	3035687	50

Accessories¹⁾

Cover, width: 2.2 mm	gray	D-DTME 6	3034426	10
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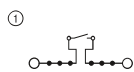
Terminal blocks – CLIPLINE complete

6 mm² PT Push-in connection terminal blocks

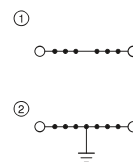
Test disconnect terminal blocks

Notes:

- 1) For additional accessories and technical data, see page 110.
- The PTME 6 HV versions have a rated voltage of 1000 V.
- For COMBI plug-in test disconnect terminal blocks, see page 348.



30 A, test disconnect terminal block



41 A, feed-through terminal block, same shape



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

Technical data ¹⁾			
Width	Length	Height	
8.2	100.8	49.6 (NS 35/7,5)	
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
30	500	0.5 - 10	20-8
30 (FBS) / 30 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	600	600	-
30 / 6	30 / -	30 / -	- / -
12			

Technical data ¹⁾			
Width	Length	Height	
8.2	100.8	49.6 (NS 35/7,5)	
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
41	1000	0.5 - 10	20-8
41 (FBS)			
IEC	UL / CUL	CSA	Ex
1000	600	600	-
41 / 6	30 / -	30 / -	- / -
12			

Description	Color
Test disconnect terminal block	gray
	gray
	blue
Feed-through terminal block	gray
Ground terminal	green-yellow

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTME 6	3212170	50	
PTME 6 HV	3035696	50	
PTME 6 HV BU	3035695	50	

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTMED 6	3212183	50	
PTMED 6-PE	3212196	50	

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

Accessories ¹⁾		
Description	Order No.	Pcs./Pkt.
D-DTME 6	3034426	10

Accessories ¹⁾		
Description	Order No.	Pcs./Pkt.
D-DTME 6	3034426	10

Supplementary accessories for PTME 6 test disconnect terminal blocks



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

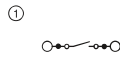
Description	No. of pos.	Color
Test adapter, for 4-mm-Ø safety test connector, snapped into bridge shaft	1	orange
	1	yellow
	1	green
	1	violet
	1	black
	1	blue
	1	red
	1	gray
	1	brown
	1	white
Switching lock, plug-in		white
Switching bridge, plug-in	2	gray/orange
	3	gray/orange
	4	gray/orange
Operating 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	
PAI-4-FIX WH	3032797	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	

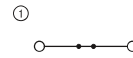
Hybrid terminal blocks with screw connection on one side, 6 (10) mm²

Notes:

- 1) For additional accessories and technical data, see page 110.
- 2) For screw connection rated data, see page 172.



41 A, test disconnect terminal block



52 A, feed-through terminal block, same shape

Dimensions	
	[mm]
Maximum electrical data	
	[mm]
Rated data ²⁾	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
General data	
Stripping length	[mm]

Description	Color
Test disconnect terminal block with test sockets	gray
Feed-through terminal block with test sockets	gray

Cover, width: 2.2 mm	gray
Screwdriver	

ERC

Technical data ¹⁾				
Width	Length	Height		
8.2	73.9	48 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
41	500	0.5 - 10	-	
IEC	UL / CUL	CSA	Ex	
500	-	-	-	
41 / 6	- / -	- / -	- / -	
Stripping length				
12				

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTU 6-T	3209535	50	①
PTU 6-T-P	3209530	50	①

Accessories ¹⁾			
D-PTU 6-T	3209533	50	
SZS 1,0X4,0 VDE	1205066	10	

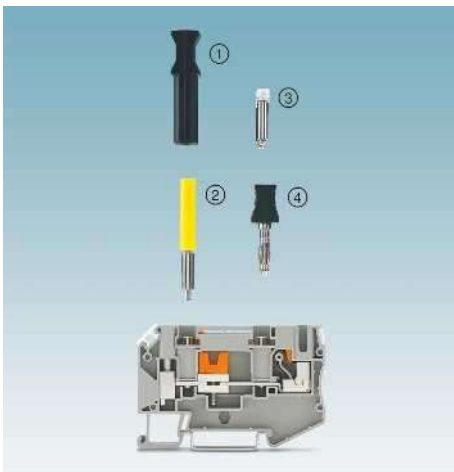
ERC

Technical data ¹⁾				
Width	Length	Height		
8.2	73.9	48 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
52	800	0.5 - 10	-	
IEC	UL / CUL	CSA	Ex	
800	-	-	-	
41 / 6	- / -	- / -	- / -	
Stripping length				
12				

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTUD 6	3209531	50	①
PTUD 6-P	3209537	50	①

Accessories ¹⁾			
D-PTU 6-T	3209533	50	
SZS 1,0X4,0 VDE	1205066	10	

Supplementary accessories for PTU 6-T test disconnect terminal blocks



- Efficient wiring using Push-in connection on the inside of the control cabinet
- Universal screw connection on the end customer side
- The following accessories are included for transformer short circuit and potential distribution:

- ① KSSI... insulated short-circuit plug
- ② PSBJ 6-T... test socket
- ③ SCBI 10-8,15... isolator bridge bar
- ④ KSS... short-circuit plug

Description	No. of pos.	Color
Insertion bridge, fully insulated	2	gray
	3	gray
	4	gray
	10	gray
Fixed bridge, 10-pos.	10	silver
Isolator bridge bar, 10-pos.	10	silver
Test socket	1	silver
Partition plate, 2 mm width		gray
Short-circuit plug, for short circuiting neighboring terminal blocks, fully insulated, 2-pos.	2	black
Short-circuit plug, for short circuiting neighboring terminal blocks, fully insulated, 2-pos., I _{max} 20 A	2	black
Test socket, insulated	1	orange

Ordering data			
Type	Order No.	Pcs./Pkt.	
EB 2- 8	0202154	100	
EB 3- 8	0202141	100	
EB 4- 8	0202142	100	
EB 10- 8	0202138	10	
SCBI 10-8,15	3245134	10	
SCBI 10-8,15 ISO	3000417	10	
TPS 3/20/5	3246586	10	
ATP-URTK/SP	0311139	10	
KSSI 2-8	3000722	10	
KSS 8	0311540	10	
PSBJ 6-T OG	3070320	10	

Terminal blocks – CLIPLINE complete

6 mm² PT Push-in connection terminal blocks

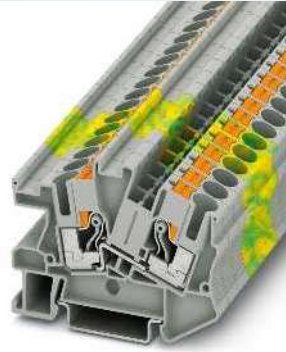
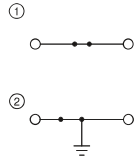
Installation terminal blocks

Notes:

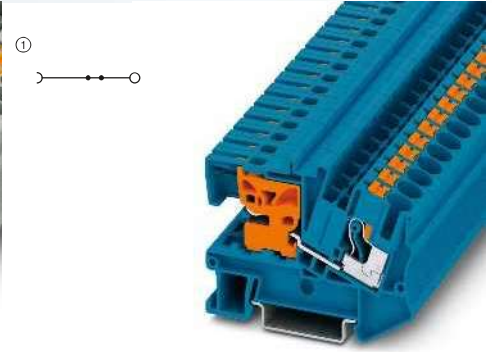
1) For additional accessories and technical data, see page 110.

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



51 A, feed-through terminal block



51 A, neutral disconnect terminal block



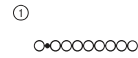
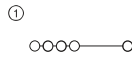
		Technical data ¹⁾			
Dimensions		Width	Length	Height	
	[mm]	8.2	66	50 (NS 35/7,5)	
Maximum electrical data		I_{max} [A]	U_{max} [V]	max. \emptyset [mm ²]	AWG (UL)
		51	800	0.5 - 10	-
Maximum bridge current	[A]	41 (FBS) / 32 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	-	-	-
Nominal current / cross section	[A] / [mm ²]	41 / 6	- / -	- / -	- / -
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve	
2 conductors (of the same type)	[mm ²]	-	-	-	
General data					
Stripping length	[mm]	12			
Ordering data					
Description	Color	Type	Order No.	Pcs./Pkt.	
Terminal block	gray	PTI 6	3213972	50	
	blue	PTI 6 BU	3213973	50	
Ground terminal	green-yellow	PTI 6-PE	3213966	50	
Neutral disconnect terminal block	blue				
Accessories¹⁾					
Cover, width: 2.2 mm	gray	D-PTI 6	1016703	50	
Support bracket, to hold the neutral busbar, set every 20 cm, 2 mm wide	blue	AB-PTI 6	3214008	50	

		Technical data ¹⁾			
Dimensions		Width	Length	Height	
	[mm]	8.2	66.3	50 (NS 35/7,5)	
Maximum electrical data		I_{max} [A]	U_{max} [V]	max. \emptyset [mm ²]	AWG (UL)
		51	400	0.5 - 10	-
Maximum bridge current	[A]	41 (FBS) / 32 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	400	-	-	-
Nominal current / cross section	[A] / [mm ²]	41 / 6	- / -	- / -	- / -
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve	
2 conductors (of the same type)	[mm ²]	0.5 - 4	-	-	
General data					
Stripping length	[mm]	12			
Ordering data					
Description	Color	Type	Order No.	Pcs./Pkt.	
Terminal block	gray	PTN 6	3213967	50	
Neutral disconnect terminal block	blue				
Accessories¹⁾					
Cover, width: 2.2 mm	gray	D-PTN 6	3213979	50	
Support bracket, to hold the neutral busbar, set every 20 cm, 2 mm wide	blue	AB-PTI 6	3214008	50	

Pick-off terminal blocks

new

new



Notes:
1) For additional accessories and technical data, see page 110.



38 A, pick-off terminal block, 4-pos.



38 A, pick-off terminal block, 8-pos.



Technical data¹⁾

Dimensions	Width	Length	Height	
	31	57.4	32.3	
[mm]				
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. \varnothing [mm ²]	AWG (UL)
	57	1000	0.5 - 10	-
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	1000	1000	-	-
Nominal current / cross section [A] / [mm ²]	41 / 6	- / -	- / -	- / -

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
	blue	AGK PT 4X6/M10 BU	① 1083237	10
	green-yellow	AGK PT 4X6/M10 GNYE	① 1083238	10
M12 drill hole	gray	AGK PT 4X6/M12	① 1017454	10



Technical data¹⁾

Dimensions	Width	Length	Height	
	31	72.6	32.3	
[mm]				
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. \varnothing [mm ²]	AWG (UL)
	57	1000	0.5 - 10	-
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	1000	1000	-	-
Nominal current / cross section [A] / [mm ²]	41 / 6	- / -	- / -	- / -

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
	blue	AGK PT 8X6/M10 BU	① 1083235	10
	green-yellow	AGK PT 8X6/M10 GNYE	① 1083236	10

Terminal blocks – CLIPLINE complete

10 mm² PT Push-in connection terminal blocks

General technical data

Rated data		IEC 60947-7-1 / IEC 60947-7-2 / IEC 60947-7-3			
Rated cross section	[mm ²]	10			
Cross section range	AWG	20 - 6			
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	[mm ²]	0.5 - 16	0.5 - 10	0.5 - 10	0.5 - 10
2 flexible conductors with a TWIN ferrule	[mm ²]	-	-	-	1.5 - 4
Connection cross sections directly plug-in	[mm ²]	1 - 16	-	4 - 10	2.5 - 10
General data					
Stripping length	[mm]	18			
Insulating material		PA			
Flammability rating in accordance with UL 94		V0			

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

Notes:



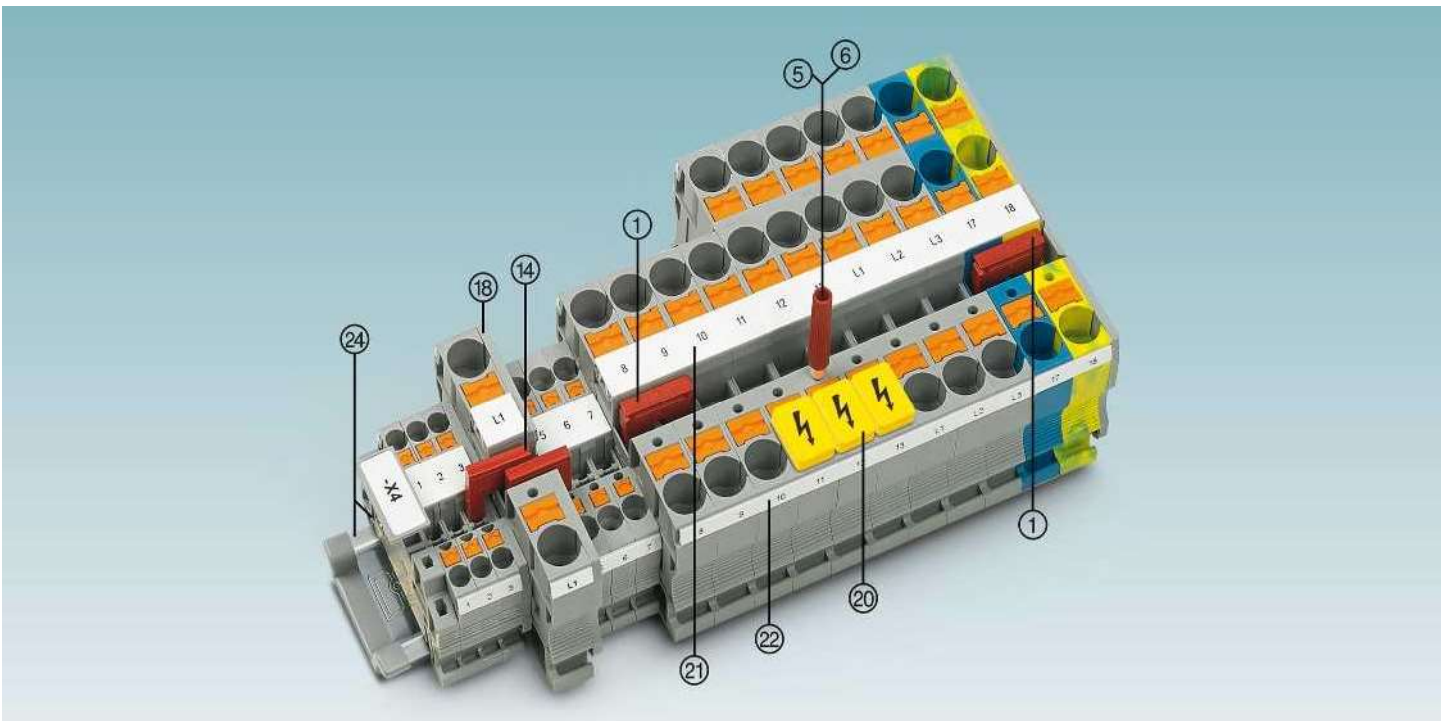
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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



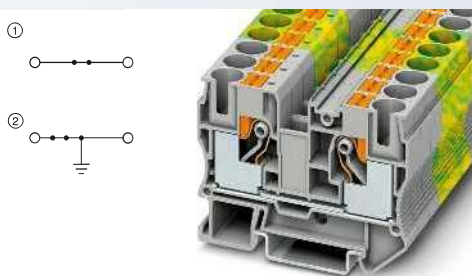
Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① Bridge ¹⁾	2	red	FBS 2-10	3005947	10			
	5	red	FBS 5-10	3005948	10			
⑤ Test plug metal part		gray	MPS-MT	0201744	10			
⑥ Insulating sleeve, for MPS metal part		red	MPS-IH RD	0201676	10			
Screwdriver			SZF 3-1.0X5,5	1206612	10			

⑭ Reducing bridge
⑮ Cover
⑯ Warning labels
⑰ Center groove labeling
⑱ Center and side groove labeling
⑳ DIN rail and end bracket
For full accessories, visit phoenixcontact.net/products

For RB ..., see page 408.
Listed alongside the respective product.
WS
UC-TM 10, UCT-TM 10 or ZB 10. See also Catalog 3, selection tables, from page 60.
UC-TMF 10, UCT-TMF 10 or ZBF 10. See also Catalog 3, selection tables, from page 60.
See Catalog 3
Note: Additional or deviating accessories are listed alongside the respective product.

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

Notes:
 1) For additional accessories and technical data, see page 120.
 For information on installation and using accessories for Ex applications, see page 678.



70 A, feed-through terminal block

CE, UL, ENEC, EAC, Ex, IEC, ClassNK, CB
 Ex: Ex, EAC Ex, IEC Ex
 SEV13ATEX0159U / IECEx SEV13.0005U

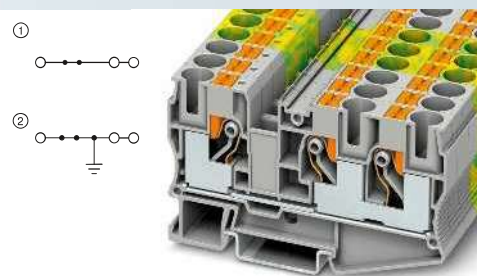
Technical data¹⁾

Dimensions	[mm]	Width	Length	Height
		10.2	67.7	50.5 (NS 35/7,5)
Maximum electrical data		I_{max} [A]	U_{max} [V]	max. Ø [mm ²] AWG (UL)
		70	1000	0.5 - 16 20-6
Maximum bridge current	[A]	57		
Rated data		IEC	UL / CUL	CSA Ex
Rated voltage	[V]	1000	600	600 550
Nominal current / cross section	[A] / [mm ²]	57 / 10	60 / -	55 / - 52.5 / 10

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	gray	PT 10	① 3212120	50
	blue	PT 10 BU	① 3212123	50
Ground terminal	green-yellow	PT 10-PE	② 3212131	50
Cover, width: 2.2 mm	gray	D-PT 10	3212057	50

Accessories¹⁾



70 A, feed-through terminal block, 3 connections

CE, UL, ENEC, EAC, Ex, IEC, ClassNK, CB
 Ex: Ex, EAC Ex, IEC Ex
 SEV13ATEX0159U / IECEx SEV13.0005U

Technical data¹⁾

Dimensions	[mm]	Width	Length	Height
		10.2	88.9	50.5 (NS 35/7,5)
Maximum electrical data		I_{max} [A]	U_{max} [V]	max. Ø [mm ²] AWG (UL)
		70	1000	0.5 - 16 20-6
Maximum bridge current	[A]	57		
Rated data		IEC	UL / CUL	CSA Ex
Rated voltage	[V]	1000	600	600 550
Nominal current / cross section	[A] / [mm ²]	57 / 10	60 / -	55 / - 48.5 / 10

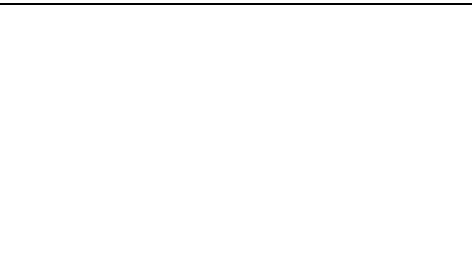
Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	gray	PT 10-TWIN	① 3208746	50
	blue	PT 10-TWIN BU	① 3208747	50
Ground terminal	green-yellow	PT 10-TWIN-PE	② 3208745	50
Cover, width: 2.2 mm	gray	D-PT 10-TWIN	3208748	50

Accessories¹⁾

PT 10,3-HESI 1000V lever-type fuse terminal blocks for photovoltaics

Notes:
 1) For additional accessories and technical data, see page 120.
 For tools for stripping and crimping solar cables and connectors, see Catalog 3.
 For disconnect terminal blocks with 1000 V and PTME ... HV diode terminal blocks, see from page 116.
 For detailed information on PV applications and power dissipation data, see phoenixcontact.net/products
 For matching fuse inserts, refer to page 503.
 For further fuse inserts with UL approval, see phoenixcontact.net/products



20 A, 1000 V, lever-type fuse terminal block for 10.3 x 38 mm midget fuses

UL, ENEC, EAC, Ex, IEC, ClassNK, CB

Technical data¹⁾

Dimensions	[mm]	Width	Length	Height
		17.6	87	63 (NS 35/7,5)
Maximum electrical data		I_{max} [A]	U_{max} [V]	max. Ø [mm ²] AWG (UL)
		20	1000	1.5 - 10 -
Rated data		IEC	UL / CUL	CSA Ex
Rated voltage	[V]	1000	-	- -
Nominal current / cross section	[A] / [mm ²]	20 / 10	- / -	- / - - / -
Cross section range	AWG	16 - 6	-	-
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve
1 conductor	[mm ²]	1.5 - 10	1.5 - 10	1.5 - 10 1.5 - 10
Connection cross sections directly plug-in	[mm ²]	1.5 - 10	-	4 - 10 2.5 - 10

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Fuse terminal block	black	PT 10,3-HESI 1000V	① 3062142	10
with LED for 400 - 1000 V DC	black	PT 10,3-HESILED 1000V	② 3062143	10
Spacer for neighboring fuse terminal block	white	DP-PT 10,3-HESI	3062155	200

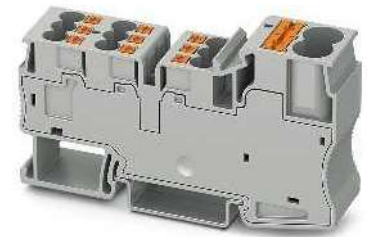
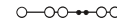
Accessories¹⁾

Terminal blocks – CLIPLINE complete

10 mm² PT Push-in connection terminal blocks

Potential collective terminal blocks

new



**57 A, potential collective terminal block,
2 inputs 10 mm², 9 inputs 4 mm²**

Dimensions		Technical data			
	[mm]	Width	Length	Height NS 35/7,5	
		18.5	83.2	47.9	
Maximum electrical data		I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
		57	800	0.5 - 16	-
Rated data, Push-in connection, 10 mm ²		IEC 60947-7-1			
		IEC	UL / CUL	CSA	IEC/EN 60079-7
Rated voltage	[V]	800	-	-	-
Nominal current / cross section	[A] / [mm ²]	57 / 10	-	-	-
Cross section range	AWG	20 - 6	-	-	-
Connection capacity, Push-in connection, 10 mm ²		Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	[mm ²]	0.5 - 16	0.5 - 10	0.5 - 10	0.5 - 10
2 flexible conductors with a TWIN ferrule	[mm ²]	-	-	-	1.5 - 4
Rated data, 9 Push-in connections, 4 mm ²		IEC 60947-7-1			
		IEC	UL / CUL	CSA	IEC/EN 60079-7
Nominal current / cross section	[A] / [mm ²]	32 / 4	-	-	-
Cross section range	AWG	24 - 10	-	-	-
Connection capacity, 9 Push-in connections, 4 mm ²		Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	[mm ²]	0.2 - 6	0.2 - 4	0.25 - 4	0.25 - 4
Connection cross sections directly plug-in	[mm ²]	0.5 - 6	-	0.5 - 4	0.5 - 4
General data					
Stripping length	[mm]	18			
Insulating material		PA			
Flammability rating in accordance with UL 94		PA 6.6			
Description		Ordering data			
	No. of pos.	Type	I_{max}	Order No.	Pcs./Pkt.
Terminal block		PT 2X10/9X4		3002369	50
Description		Accessories			
	No. of pos.	Type	I_{max}	Order No.	Pcs./Pkt.
Plug-in bridge	2	FBS 2-6	32 A	3030336	50

new

○—○—○—○—○



**57 A, potential collective terminal block,
2 inputs 10 mm², 9 inputs 4 mm²**

Technical data

Width	Length	Height NS 35/7,5	
18.5	83.2	47.9	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
57	800	0.5 - 16	-
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
800	-	-	-
57 / 10	-	-	-
20 - 6	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.5 - 16	0.5 - 10	0.5 - 10	0.5 - 10
-	-	-	1.5 - 4
IEC	UL / CUL	CSA	IEC/ EN 60079-7
32 / 4	-	-	-
24 - 10	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 6	0.2 - 4	0.25 - 4	0.25 - 4
0.5 - 6	-	0.5 - 4	0.5 - 4
18			
PA			
PA 6.6			

Ordering data

Type	I _{max}	Order No.	Pcs./Pkt.
PT 2X10/9X4 BU		3002368	50

Accessories

FBS 2-6	32 A	3030336	50
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Terminal blocks – CLIPLINE complete

16 mm² PT Push-in connection terminal blocks

General technical data

Rated data		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm ²]	16			
Cross section range	AWG	20 - 4			
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	[mm ²]	0.5 - 25	0.5 - 16	0.5 - 16	0.5 - 16
2 flexible conductors with a TWIN ferrule	[mm ²]	-	-	-	1.5 - 4
Connection cross sections directly plug-in	[mm ²]	2.5 - 25	-	2.5 - 16	2.5 - 16
General data					
Stripping length	[mm]	18			
Insulating material		PA			
Flammability rating in accordance with UL 94		V0			

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

Notes:



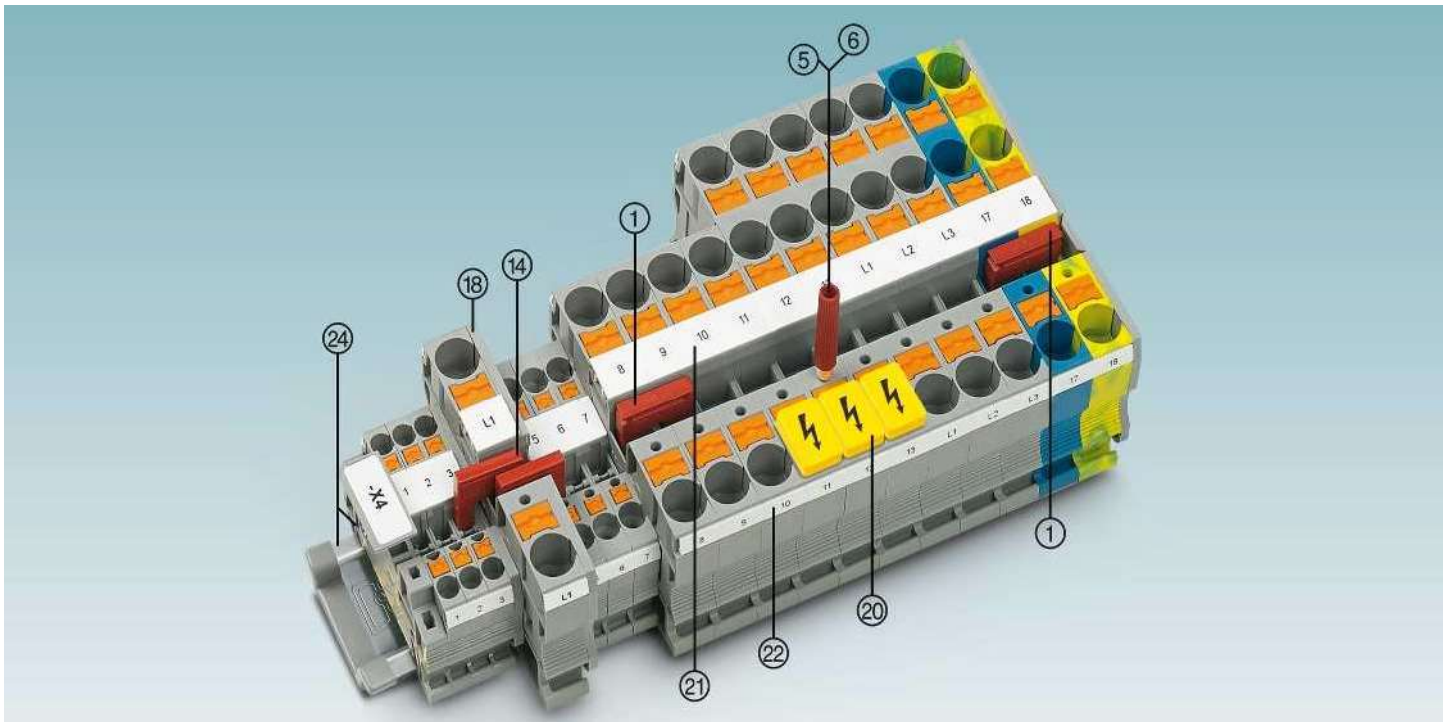
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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.

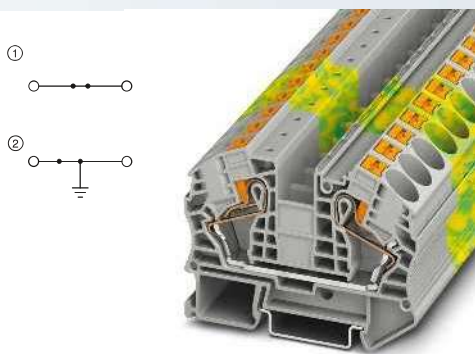
System accessories



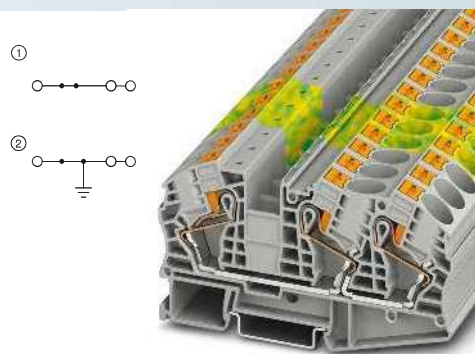
Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① Bridge ¹⁾	2	red	FBS 2-12	3005950	10			
⑤ Test plug metal part		gray	MPS-MT	0201744	10			
⑥ Insulating sleeve, for MPS metal part		red	MPS-IH RD	0201676	10			
Screwdriver			SZF 3-1,0X5,5	1206612	10			
⑭ Reducing bridge			For RB ..., see page 408.					
⑮ Cover			Listed alongside the respective product.					
⑳ Warning labels			For WS ..., see page 420.					
㉑ Center groove labeling			UC-TM 12, UCT-TM 12 or ZB 12. See also Catalog 3, selection tables, from page 60.					
㉒ Center and side groove labeling			UC-TMF 12, UCT-TMF 12 or ZBF 12. See also Catalog 3, selection tables, from page 60.					
㉓ 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, and ground terminal blocks

Notes:
 1) For additional accessories and technical data, see page 124.
 For information on installation and using accessories for Ex applications, see page 678.



85 A, feed-through terminal block



85 A, feed-through terminal block, 3 connections



Ex: EAC Ex UL IEC CB
 SEV13ATEX0159U / IECEx SEV13.0005U

Technical data¹⁾

Dimensions	Width	Length	Height
	12.2	75.4	52.6 (NS 35/7,5)
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²] AWG (UL)
	85	1000	0.5 - 25 20-4
Maximum bridge current	76		
Rated data	IEC	UL / CUL	CSA Ex
Rated voltage	1000	600	600 550
Nominal current / cross section	76 / 16	85 / -	70 / - 65.5 / 16

Dimensions	Width	Length	Height
	12.2	100.2	52.6 (NS 35/7,5)
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²] AWG (UL)
	85	1000	0.5 - 25 20-4
Maximum bridge current	76		
Rated data	IEC	UL / CUL	CSA Ex
Rated voltage	1000	600	600 550
Nominal current / cross section	76 / 16	85 / -	70 / - 65.5 / 16



Ex: EAC Ex UL IEC CB
 SEV13ATEX0159U / IECEx SEV13.0005U

Technical data¹⁾

Dimensions	Width	Length	Height
	12.2	100.2	52.6 (NS 35/7,5)
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²] AWG (UL)
	85	1000	0.5 - 25 20-4
Maximum bridge current	76		
Rated data	IEC	UL / CUL	CSA Ex
Rated voltage	1000	600	600 550
Nominal current / cross section	76 / 16	85 / -	70 / - 65.5 / 16

Ordering data

Description	Color
Terminal block	gray blue
Ground terminal	green-yellow

Type	Order No.	Pcs./Pkt.
PT 16 N	① 3212138	50
PT 16 N BU	① 3212142	50
PT 16 N-PE	② 3212147	50

Accessories¹⁾

Cover, width: 2.2 mm	gray
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D-PT 16 N	3212060	50
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Ordering data

Type	Order No.	Pcs./Pkt.
PT 16-TWIN N	① 3208760	25
PT 16-TWIN N BU	① 3208773	25
PT 16-TWIN N-PE	② 3208786	25

Accessories¹⁾

D-PT 16-TWIN N	3208799	50
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Terminal blocks – CLIPLINE complete

16 mm² PT Push-in connection terminal blocks

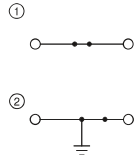
Installation terminal blocks

Notes:

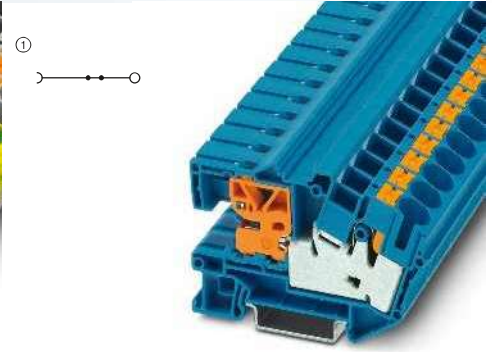
1) For additional accessories and technical data, see page 124.

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, feed-through terminal block



68 A, neutral disconnect terminal block



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

Technical data ¹⁾				
Width	Length	Height		
10.2	77.7	51.1 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
76	500	0.5 - 16	24-4	
57				
IEC	UL / CUL	CSA	Ex	
500	600	600	-	
76 / 10	10 / -	10 / -	- / -	
10				
24 - 4	-	-	-	
Rigid	Flexible	Ferrule without/with plastic sleeve		
0.5 - 16	0.5 - 16	0.5 - 16	0.5 - 16	
1 - 16	-	4 - 16	2.5 - 16	

Technical data ¹⁾				
Width	Length	Height		
10.2	77.7	51.1 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
68	500	0.5 - 16	24-4	
57				
IEC	UL / CUL	CSA	Ex	
500	600	600	-	
68 / 10	10 / -	10 / -	- / -	
10				
24 - 4	-	-	-	
Rigid	Flexible	Ferrule without/with plastic sleeve		
0.5 - 16	0.5 - 16	0.5 - 16	0.5 - 16	
1 - 16	-	4 - 16	2.5 - 16	

Description	No. of pos.	Color
Terminal block		gray blue
Ground terminal		green-yellow
Neutral disconnect terminal block		blue

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTI 16/S	① 3214029	50	
PTI 16/S BU	① 3214023	50	
PTI 16/S-PE	② 3214024	50	

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTN 16/S	① 3214025	50	

Cover , width: 2.2 mm	gray
Support bracket , to hold the neutral busbar, set every 20 cm, 2.2 mm wide	blue
Plug-in bridge	
	2 red
	5 red

Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-PTI 16/S	3214027	50	
AB-PTI 16/S	3214022	50	
FBS 2-10	3005947	10	
FBS 5-10	3005948	10	

Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-PTN 16/S	3214028	50	
AB-PTI 16/S	3214022	50	
FBS 2-10	3005947	10	
FBS 5-10	3005948	10	

Center and side groove labeling	
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UC-TM 10, UCT-TM 10 or ZB 10 (see Catalog 3)

UC-TM 10, UCT-TM 10 or ZB 10 (see Catalog 3)

Feed-in terminal blocks for N busbars

new

new

Notes:
 1) For additional accessories and technical data, see page 124.



76 A, power terminal block



Support bracket

ERC

Technical data¹⁾

Dimensions	Width	Length	Height	
[mm]	12.2	81.9	48.5 (NS 35/7,5)	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm ²]	AWG (UL)
	76	1000	0.5 - 25	-
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	1000	-	-	-
Nominal current / cross section [A] / [mm ²]	70 / 16	- / -	- / -	- / -
General data	Stripping length [mm]			
	18 - 20			

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	gray	PTI 16-NLS-FI	① 1030130	10
	blue	PTI 16-NLS-FI BU	① 1030131	10
	red	PTI 16-NLS-FI RD	① 1030132	10
	black/yellow	PTI 16-NLS-FI-FE	① 1030135	10

Accessories¹⁾

Description	Color	Type	Order No.	Pcs./Pkt.
Support bracket	gray			
	blue			
	red			
	black/yellow			

Center groove labeling UC-TM 10, UCT-TM 10 or ZB 10 (see Catalog 3)

Technical data¹⁾

Dimensions	Width	Length	Height	
[mm]	12.2	81.9	48.5 (NS 35/7,5)	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm ²]	AWG (UL)
	-	-	-	-
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	-	-	-	-
Nominal current / cross section [A] / [mm ²]	-	- / -	- / -	- / -
General data	Stripping length [mm]			
	-			

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.

Accessories¹⁾

Description	Color	Type	Order No.	Pcs./Pkt.
AB-PTI 16-NLS			1030137	10
AB-PTI 16-NLS BU			1030138	10
AB-PTI 16-NLS RD			1030140	10
AB-PTI 16-NLS-FE			1030141	10

Center groove labeling UC-TM 10, UCT-TM 10 or ZB 10 (see Catalog 3)

35 mm² PTU hybrid terminal block

Hybrid terminal blocks with screw connection on one side



- Simple potential collection or distribution
- Compact, space-saving design
- Can be bridged with standard plug-in bridges
- Easy to test with 2.3 mm standard test connection
- Large-surface marking options

Notes:

In the end application, the applicable safety regulations for overload and short-circuit protection on the connected conductors must be considered.

1...4 1...6
○●○●○●○●○●○●○●○●○



105 A, potential collective terminal block, 4 inputs 6 mm², 6 inputs 2.5 mm²



Dimensions	
	[mm]
Maximum electrical data	
Rated data, screw connection	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Cross section range	AWG
Connection capacity screw connection	
1 conductor	[mm ²]
2 conductors (of the same type)	[mm ²]
Rated data, 4 Push-in connections, 6 mm ²	
Nominal current / cross section	[A] / [mm ²]
Cross section range	AWG
Connection capacity, 4 Push-in connections, 6 mm ²	
1 conductor	[mm ²]
Connection cross sections directly plug-in	[mm ²]
Rated data, 6 Push-in connections, 2.5 mm ²	
Nominal current / cross section	[A] / [mm ²]
Cross section range	AWG
Connection capacity, 6 Push-in connections, 2.5 mm ²	
1 conductor	[mm ²]
Connection cross sections directly plug-in	[mm ²]
General data	
Stripping length	[mm]
Screw thread	
Tightening torque	[Nm]
Insulating material	
Flammability rating in accordance with UL 94	

Technical data				
Width	Length	Height NS 35/7,5		
16.3	110.4	48.8		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
105	1000	1.5 - 50	14-2	
IEC 60947-7-1				
IEC	UL / CUL	CSA	IEC/ EN 60079-7	
1000	-	-	-	
105	-	-	-	
16 - 1/0	14-2	14-2	-	
Connection capacity screw connection		Ferrule		
Rigid	Flexible	without/with plastic sleeve		
1.5 - 50	1.5 - 50	1.5 - 35	1.5 - 35	
1.5 - 16	1.5 - 10	1.5 - 10	-	
IEC	UL / CUL	CSA	IEC/ EN 60079-7	
41 / 6	-	-	-	
20 - 8	14-2	14-2	-	
Connection capacity, 4 Push-in connections, 6 mm ²		Ferrule		
Rigid	Flexible	without/with plastic sleeve		
0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 6	
1 - 10	-	1 - 6	1 - 6	
IEC	UL / CUL	CSA	IEC/ EN 60079-7	
24 / 2.5	-	-	-	
26 - 12	-	-	-	
Connection capacity, 6 Push-in connections, 2.5 mm ²		Ferrule		
Rigid	Flexible	without/with plastic sleeve		
0.14 - 4	0.14 - 2.5	0.14 - 2.5	0.14 - 2.5	
0.34 - 4	-	0.34 - 2.5	0.34 - 2.5	
18				
M6				
3.2 - 3.7				
PA				
V0				

Description	No. of pos.	Color
Terminal block		gray blue black/yellow

Pick-off terminal block, for snapping into the lateral guide gray

Plug-in bridge	No. of pos.	Color
	2	red
	3	red
	4	red
	5	red
	10	red

Test plug metal part, 2.3 mm Ø	gray
Insulating sleeve, for MPS metal part	red
Modular test plug, for the individual assembly of test pin strips	red

Screwdriver

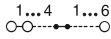
Center and side groove labeling

Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
PTU 35/4X6/6X2,5		3214080	20

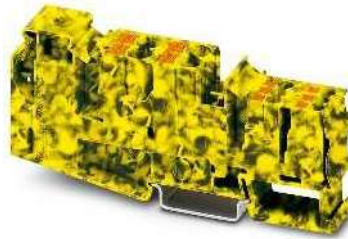
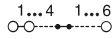
Accessories			
AGK 4-UT 35		3047138	50
FBS 2-8	41 A	3030284	10
FBS 3-8	41 A	3030297	10
FBS 4-8	41 A	3030307	10
FBS 5-8	41 A	3030310	10
FBS 10-8	41 A	3030323	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-6		3030996	10

SZF 3-1,0X5,5 1206612 10

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



105 A, potential collective terminal block,
4 inputs 6 mm², 6 inputs 2.5 mm²



105 A, potential collective terminal block,
4 inputs 6 mm², 6 inputs 2.5 mm²



Technical data			
Width	Length	Height NS 35/7,5	
16.3	110.4	48.8	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
105	1000	1.5 - 50	14-2
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1000	-	-	-
105	-	-	-
16 - 1/0	14-2	14-2	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
1.5 - 50	1.5 - 50	1.5 - 35	1.5 - 35
1.5 - 16	1.5 - 10	1.5 - 10	-
IEC	UL / CUL	CSA	IEC/ EN 60079-7
41 / 6	-	-	-
20 - 8	14-2	14-2	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 6
1 - 10	-	1 - 6	1 - 6
IEC	UL / CUL	CSA	IEC/ EN 60079-7
24 / 2.5	-	-	-
26 - 12	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.14 - 4	0.14 - 2.5	0.14 - 2.5	0.14 - 2.5
0.34 - 4	-	0.34 - 2.5	0.34 - 2.5
18			
M6			
3.2 - 3.7			
PA			
V0			



Technical data			
Width	Length	Height NS 35/7,5	
16.3	110.4	48.8	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
105	1000	1.5 - 50	14-2
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1000	-	-	-
105	-	-	-
16 - 1/0	14-2	14-2	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
1.5 - 50	1.5 - 50	1.5 - 35	1.5 - 35
1.5 - 16	1.5 - 10	1.5 - 10	-
IEC	UL / CUL	CSA	IEC/ EN 60079-7
41 / 6	-	-	-
20 - 8	14-2	14-2	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 6
1 - 10	-	1 - 6	1 - 6
IEC	UL / CUL	CSA	IEC/ EN 60079-7
24 / 2.5	-	-	-
26 - 12	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.14 - 4	0.14 - 2.5	0.14 - 2.5	0.14 - 2.5
0.34 - 4	-	0.34 - 2.5	0.34 - 2.5
18			
M6			
3.2 - 3.7			
PA			
V0			

Ordering data

Type	I _{max}	Order No.	Pcs./Pkt.
PTU 35/4X6/6X2,5 BU		3214081	20

Ordering data

Type	I _{max}	Order No.	Pcs./Pkt.
PTU 35/4X6/6X2,5-FE		3214082	20

Accessories

AGK 4-UT 35		3047138	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
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-6		3030996	10
SZF 3-1,0X5,5		1206612	10
UC-TM 16, UCT-TM 16 or ZB 16,3 (see Catalog 3)			

Accessories

AGK 4-UT 35		3047138	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
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-6		3030996	10
SZF 3-1,0X5,5		1206612	10
UC-TM 16, UCT-TM 16 or ZB 16,3 (see Catalog 3)			

Terminal blocks – CLIPLINE complete

35 mm² PTU hybrid terminal block

Hybrid terminal blocks with screw connection on one side, 35 (35) mm²



– Ideal for combining photovoltaic strings

new



101 A, potential collective terminal block, 4 inputs 10 mm²



Dimensions		[mm]
Maximum electrical data		
Rated data, screw connection		
Rated voltage	[V]	1000
Nominal current / cross section	[A] / [mm ²]	101
Cross section range	AWG	8 - 2
Connection capacity screw connection		
1 conductor	[mm ²]	10 - 35
2 conductors (of the same type)	[mm ²]	1.5 - 16
Rated data, 4 Push-in connections, 10 mm²		
Nominal current / cross section	[A] / [mm ²]	57 / 10
Cross section range	AWG	20 - 6
Connection capacity, 4 Push-in connections, 10 mm²		
1 conductor	[mm ²]	2.5 - 16
Connection cross sections directly plug-in	[mm ²]	-
General data		
Stripping length	[mm]	18
Screw thread		M6
Tightening torque	[Nm]	3.2 - 3.7
Insulating material		PA
Flammability rating in accordance with UL 94		V0

Technical data				
Width	Length	Height NS 35/7,5		
19.4	79.9	50.3		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
101	1000	10 - 35	14-3	
IEC 60947-7-1				
IEC	UL / CUL	CSA	IEC/ EN 60079-7	
Rigid				
Flexible				
without/with plastic sleeve				
Ferrule				
without/with plastic sleeve				
IEC				
UL / CUL				
CSA				
IEC/ EN 60079-7				
Rigid				
Flexible				
without/with plastic sleeve				
IEC				
UL / CUL				
CSA				
IEC/ EN 60079-7				

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

Ordering data		
Type	Order No.	Pcs./Pkt.
PTU 35/4X10	3002371	25

Accessories		
Type	Order No.	Pcs./Pkt.
AGK 4-UT 35	3047138	50
FBS 2-10	3005947	10
FBS 5-10	3005948	10
MPS-MT	0201744	10
MPS-IH RD	0201676	10
PS-6	3030996	10
SZF 3-1,0X5,5	1206612	10
UC-TM 16, UCT-TM 16 or ZB 16,3 (see Catalog 3)		

new



**101 A, potential collective terminal block,
4 inputs 10 mm²**

ERC

Technical data

Width	Length	Height NS 35/7,5	
19.4	79.9	50.3	
I_{max} [A]	U_{max} [V]	max. \varnothing [mm ²]	AWG (UL)
101	1000	10 - 35	-
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1000	-	-	-
101	-	-	-
8 - 2	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
10 - 35	10 - 35	10 - 35	10 - 35
1.5 - 16	1.5 - 10	1.5 - 10	-
IEC	UL / CUL	CSA	IEC/ EN 60079-7
57 / 10	-	-	-
20 - 6	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
2.5 - 16	2.5 - 10	2.5 - 10	2.5 - 10
-	-	-	-

18
M6
3.2 - 3.7
PA
V0

Ordering data

Type	Order No.	Pcs./Pkt.
PTU 35/4X10 BU	3002370	25

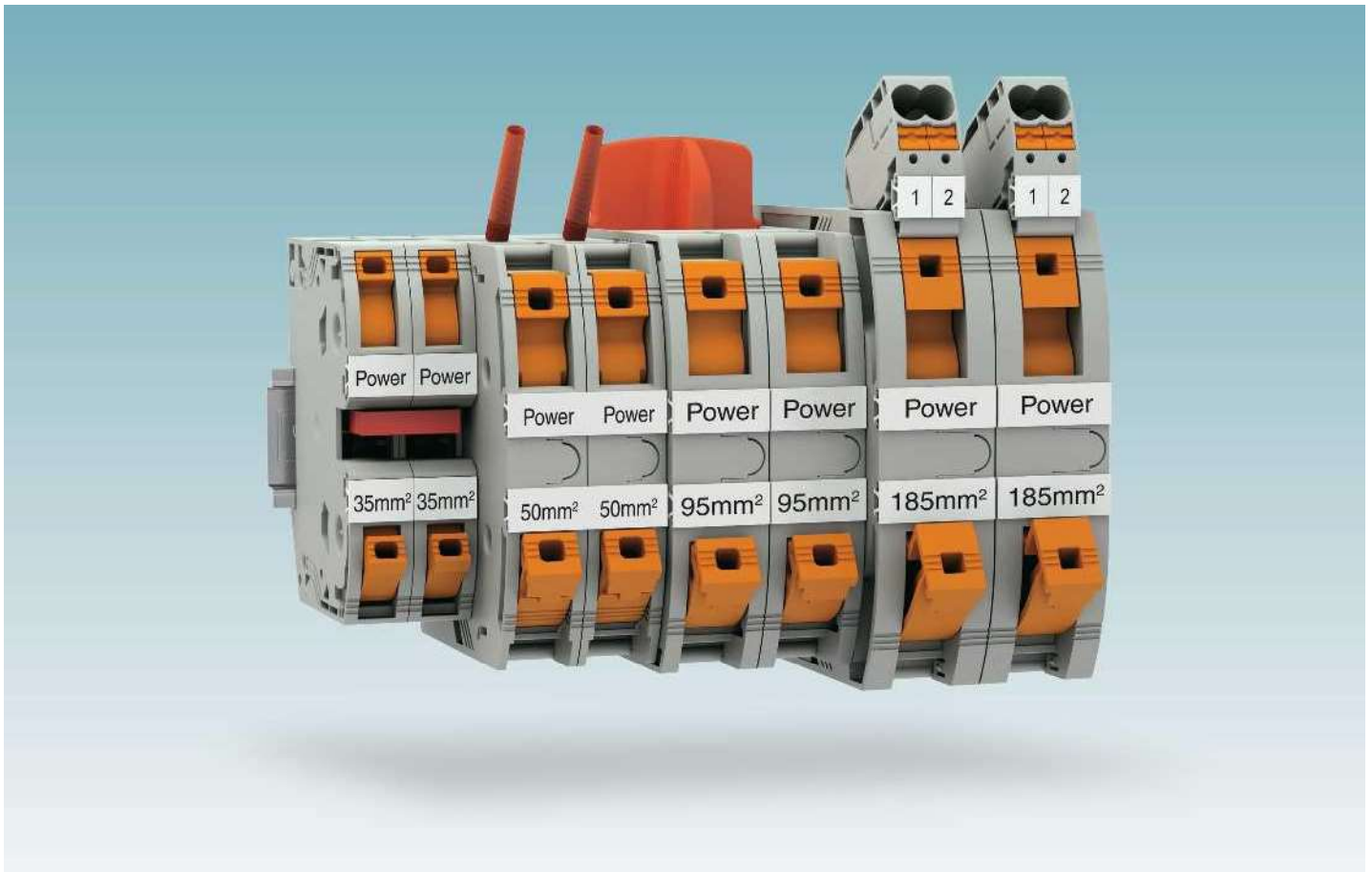
Accessories

AGK 4-UT 35	3047138	50
FBS 2-10	3005947	10
FBS 5-10	3005948	10
MPS-MT	0201744	10
MPS-IH RD	0201676	10
PS-6	3030996	10
SZF 3-1,0X5,5	1206612	10

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

Terminal blocks – CLIPLINE complete

PTPOWER Power-Turn high-current terminal blocks

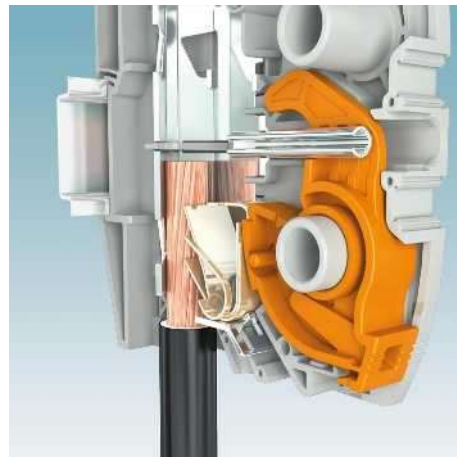


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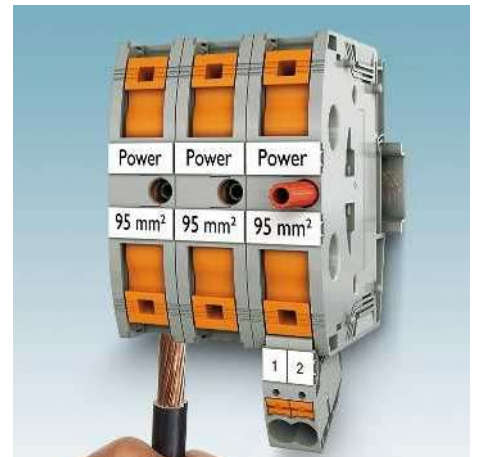
Twist connection

The patented Power-Turn spring connection technology enables large conductors to be connected quickly and easily using a standard screwdriver and a single lever movement.



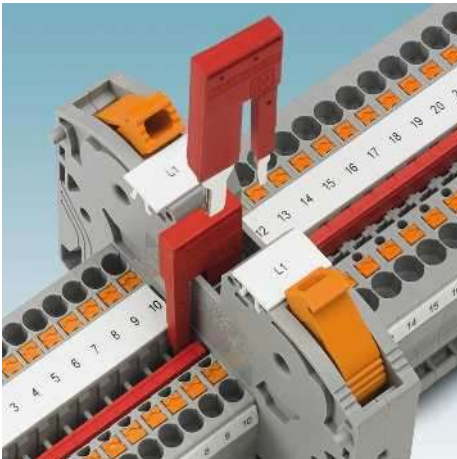
Reliable contact

Up to three high-quality spring steel pressure springs work with the prismatic terminal body base to create a vibration-resistant conductor connection that is stable in the long-term.

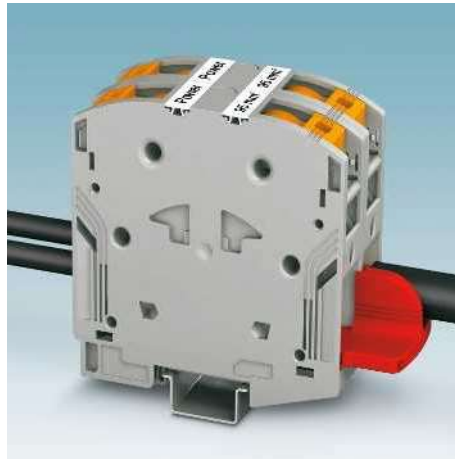


Direct connection

Quick and easy connection is now also possible for large conductors. Alternatively, conductors can also be quickly and easily inserted directly when the lever is closed by means of the Push-in method.



With PTPOWER 35, the reducing bridge enables terminal blocks with different nominal cross sections to be connected easily, e.g., to a PT 2,5 or PT 4 Push-in terminal block. Power blocks can be created quickly using the reducing bridge.



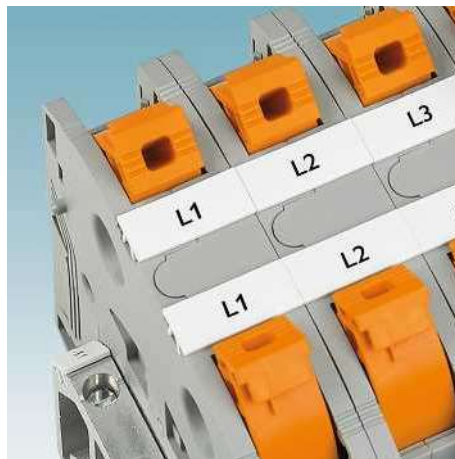
Distribute potentials with the isolated insertion bridges. They can be installed easily without any tools and latch securely in the clamping space. Thanks to their special design, they can also be easily identified following conductor connection.



The fully insulated and optional snap-on tap-off terminal block enables easy voltage tap-off for two conductors up to 16 mm². With large-surface marking option and integrated 2.3 mm test connection.



Test connection on both sides for standard test plugs with a diameter of 2.3 mm. High-current terminal block versions with 4 mm test connection in the terminal center are available for the use of 4 mm test plugs.



Large-surface, clear marking of the terminal points is essential for reliable and time-saving installation. Furthermore, it provides maximum overview in the control cabinet.



Pre-assembled terminal block bases reduce mounting and storage costs. The right terminal block base for DIN rail or direct mounting is available for every function.

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Terminal blocks – CLIPLINE complete

35 mm² PTPOWER Power-Turn high-current terminal blocks

General technical data

Rated data		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm ²]	35			
Cross section range	AWG	12 - 2			
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	[mm ²]	2.5 - 35	2.5 - 35	2.5 - 35	2.5 - 35
2 flexible conductors with a TWIN ferrule	[mm ²]	-	-	-	-
Connection cross sections directly plug-in	[mm ²]	2.5 - 35	-	2.5 - 35	2.5 - 35
General data					
Stripping length	[mm]	25			
Insulating material		PA			
Flammability rating in accordance with UL 94		V0			

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

Notes:



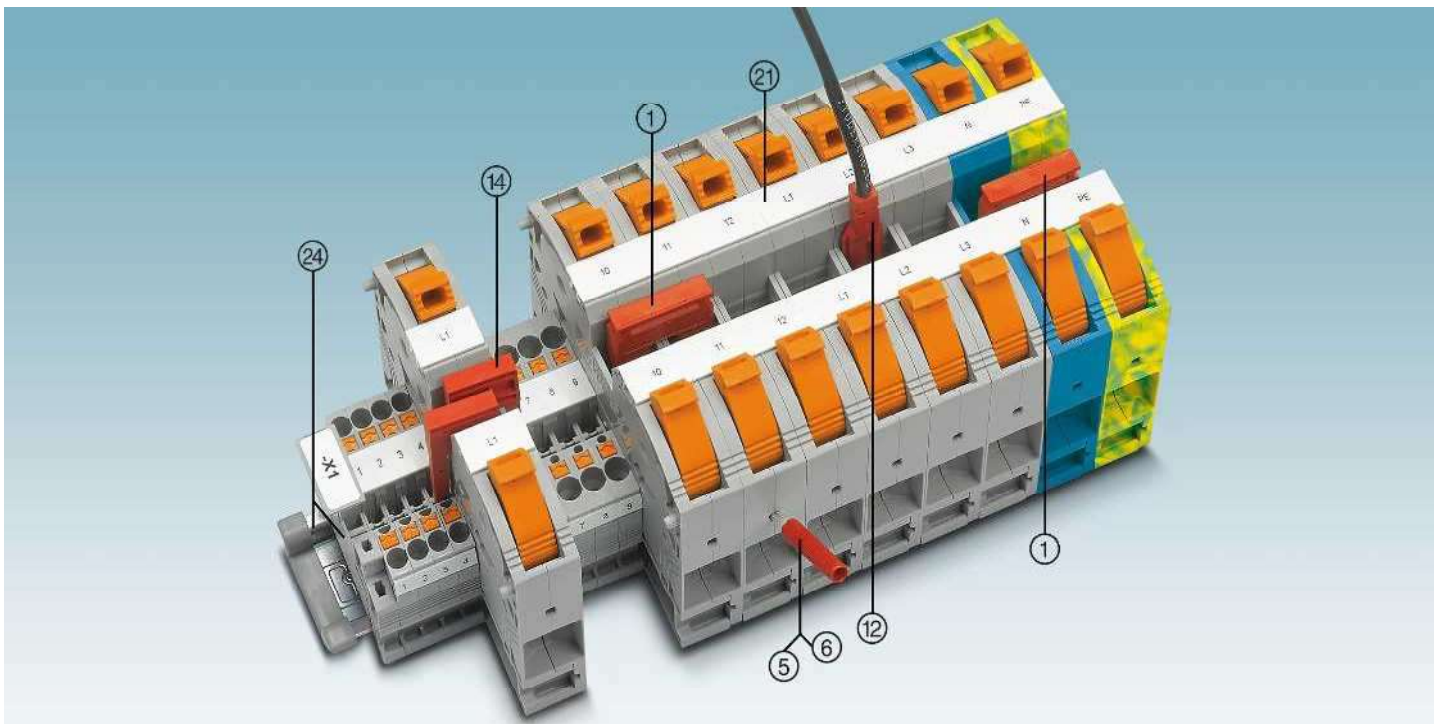
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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

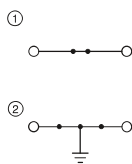


Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① Bridge ¹⁾	2	red	FBS 2-16	3005963	10			
⑤ Test plug metal part		gray	MPS-MT	0201744	10			
⑥ Insulating sleeve, for MPS metal part		red	MPS-IH RD	0201676	10			
⑫ Test plug, with 2.5 mm ² conductor		red	PAI-ST 35/1000MM	3029994	20			
Screwdriver			SZF 3-1.0X5,5	1206612	10			
⑭ Reducing bridge			RB PTPOWER 35-ST(2,5/4) Order No. 3030900 for reduction bridging to ST 2,5 / PT 2,5 or ST 4 / PT 4 RB PTPOWER 35-ST 16 Order No. 3032170 for reduction bridging to ST 16 / PT 16 N					
⑰ Center groove labeling			UC-TM 16, UCT-TM 16 or ZB 16,3. See also Catalog 3, selection tables from page 60.					
⑱ 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.					

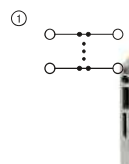
35 mm² PTPOWER Power-Turn high-current terminal blocks

High-current terminal blocks

Notes:
 1) For additional accessories and technical data, see page 134.



125 A, feed-through terminal block



125 A, terminal block base



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

Technical data ¹⁾				
Width	Length	Height		
16	91.6	69.8 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
125	1000	2.5 - 35	-	
101				
IEC	UL / CUL	CSA	Ex	
1000	1000	1000	-	
125	- / -	115 / -	- / -	

Technical data ¹⁾				
Width	Length	Height		
48	91.6	69.8 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
125	1000	2.5 - 35	-	
101				
IEC	UL / CUL	CSA	Ex	
1000	1000	1000	-	
125	- / -	115 / -	- / -	

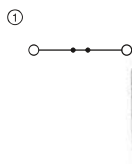
Description	Color
Terminal block	gray
	blue
	black/yellow
Ground terminal	green-yellow
Terminal block base, 3 x gray	gray
3 x gray, 1 x blue	gray/blue
3 x gray, 1 x black-yellow	gray/black-yellow
	black-yellow
3 x gray, 1 x blue, 1 x black-yellow	gray/blue/black-yellow

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTPOWER 35	① 3212064	10	
PTPOWER 35 BU	① 3212065	10	
PTPOWER 35-FE	① 3212081	10	
PTPOWER 35-PE	② 3212066	10	

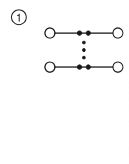
Ordering data			
Type	Order No.	Pcs./Pkt.	
PTPOWER 35-3L	① 3212068	3	
PTPOWER 35-3L/N	① 3212069	2	
PTPOWER 35-3L/FE	① 3212070	2	
PTPOWER 35-3L/N/FE	① 3212071	2	

High-current terminal blocks for direct mounting

Notes:
 1) For additional accessories and technical data, see page 134.



125 A, feed-through terminal block for direct mounting



125 A, terminal block base for direct mounting



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

Technical data ¹⁾				
Width	Length	Height		
16	120.2	68.3		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
125	1000	2.5 - 35	-	
101				
IEC	UL / CUL	CSA	Ex	
1000	1000	1000	-	
125	- / -	115 / -	- / -	

Technical data ¹⁾				
Width	Length	Height		
48	120.2	68.3		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
125	1000	2.5 - 35	-	
101				
IEC	UL / CUL	CSA	Ex	
1000	1000	1000	-	
125	- / -	115 / -	- / -	

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

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTPOWER 35-F	① 3212078	10	
PTPOWER 35-F BU	① 3212079	10	
PTPOWER 35-FE-F	① 3212082	10	

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTPOWER 35-3L-F	① 3212072	3	
PTPOWER 35-3L/N-F	① 3212073	2	
PTPOWER 35-3L/FE-F	① 3212075	2	
PTPOWER 35-3L/N/FE-F	① 3212076	2	

Terminal blocks – CLIPLINE complete

50 mm² PTPOWER Power-Turn high-current terminal blocks

General technical data

Rated data		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm ²]	50			
Cross section range	AWG	8 - 2/0			
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	[mm ²]	10 - 70	10 - 70	10 - 50	10 - 50
2 flexible conductors with a TWIN ferrule	[mm ²]	-	-	-	-
Connection cross sections directly plug-in	[mm ²]	10 - 70	-	10 - 50	10 - 50
Max. cross section with insertion bridge	[mm ²]	50	50	-	-
General data					
Stripping length	[mm]	30 - 32			
Insulating material		PA			
Flammability rating in accordance with UL 94		V0			

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

Notes:



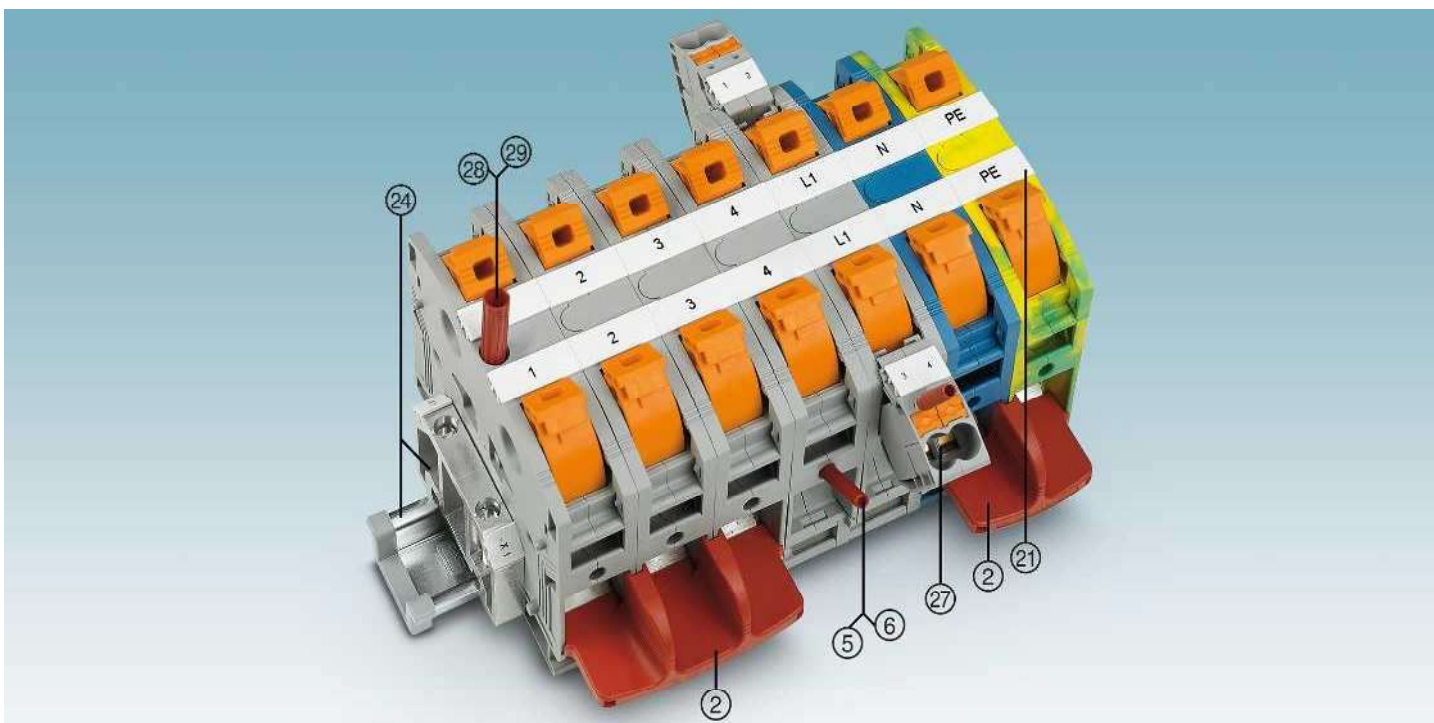
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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

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

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

System accessories



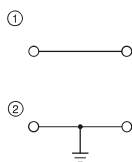
Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
② Insertion bridge ¹⁾	2	red	EB 2-20/PT	3260067	10			
	3	red	EB 3-20/PT	3260068	10			
⑤ Test plug metal part		gray	MPS-MT	0201744	10			
⑥ Insulating sleeve, for MPS metal part		red	MPS-IH RD	0201676	10			
⑦ Tap-off terminal block		gray	AGK 10-PTPOWER	3260145	10			
		blue	AGK 10-PTPOWER BU	3260148	10			
		green/yellow	AGK 10-PTPOWER GN/YE	3260151	10			
		black/yellow	AGK 10-PTPOWER BK/YE	3260154	10			
Screwdriver			SZF 3-1,0X5,5	1206612	10			

② Center groove labeling	UC-TM 16, UCT-TM 16 or ZB 16,3. See also Catalog 3, selection tables from page 60.
② DIN rail and end bracket	See Catalog 3
② Test plug	For MPS-MT/ 4MM and PS-IH RD, see page 410.
For full accessories, visit phoenixcontact.net/products	Note: Additional or deviating accessories are listed alongside the respective product.

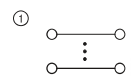
50 mm² PTPOWER Power-Turn high-current terminal blocks

High-current terminal blocks

Notes:
 1) For additional accessories and technical data, see page 136.



150 A, feed-through terminal block



150 A, terminal block base



Technical data¹⁾

Width	Length	Height		
20	101	105 (NS 35/15)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
150	1000	10 - 70	8	
150				
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	1000	1000	1000	-
Nominal current / cross section	150	140 / -	140 / -	- / -

Technical data¹⁾

Width	Length	Height		
60	101	105 (NS 35/15)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
150	1000	10 - 70	8	
150				
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	1000	1000	1000	-
Nominal current / cross section	150	140 / -	140 / -	- / -

Ordering data

Type	Order No.	Pcs./Pkt.
PTPOWER 50	① 3260050	10
PTPOWER 50 BU	① 3260051	10
PTPOWER 50-FE	① 3260063	10
PTPOWER 50 P	① 3260065	10
PTPOWER 50-PE	② 3260052	10

Ordering data

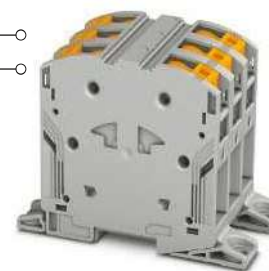
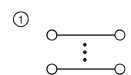
Type	Order No.	Pcs./Pkt.
PTPOWER 50-3L	① 3260053	3
PTPOWER 50-3L/N	① 3260054	3
PTPOWER 50-3L/FE	① 3260055	3
PTPOWER 50-3L/N/FE	① 3260056	2

High-current terminal blocks for direct mounting

Notes:
 1) For additional accessories and technical data, see page 136.



150 A, feed-through terminal block for direct mounting



150 A, terminal block base for direct mounting



Technical data¹⁾

Width	Length	Height		
20	101	96		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
150	1000	10 - 70	8	
150				
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	1000	1000	1000	-
Nominal current / cross section	150	140 / -	140 / -	- / -

Technical data¹⁾

Width	Length	Height		
60	101	96		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
150	1000	10 - 70	8	
150				
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	1000	1000	1000	-
Nominal current / cross section	150	140 / -	140 / -	- / -

Ordering data

Type	Order No.	Pcs./Pkt.
PTPOWER 50-F	① 3260061	10
PTPOWER 50-F BU	① 3260062	10
PTPOWER 50-FE-F	① 3260064	10

Ordering data

Type	Order No.	Pcs./Pkt.
PTPOWER 50-3L-F	① 3260057	3
PTPOWER 50-3L/N-F	① 3260058	3
PTPOWER 50-3L/FE-F	① 3260059	3
PTPOWER 50-3L/N/FE-F	① 3260060	2

Terminal blocks – CLIPLINE complete

95 mm² PTPOWER Power-Turn high-current terminal blocks

General technical data

Rated data		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm ²]	95			
Cross section range	AWG	4 - 4/0			
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	[mm ²]	25 - 95	25 - 95	25 - 95	25 - 95
2 flexible conductors with a TWIN ferrule	[mm ²]	-	-	-	-
Connection cross sections directly plug-in	[mm ²]	25 - 95	-	25 - 95	25 - 95
Max. cross section with insertion bridge	[mm ²]	70	70	-	-
General data					
Stripping length	[mm]	40			
Insulating material		PA			
Flammability rating in accordance with UL 94		V0			

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

Notes:



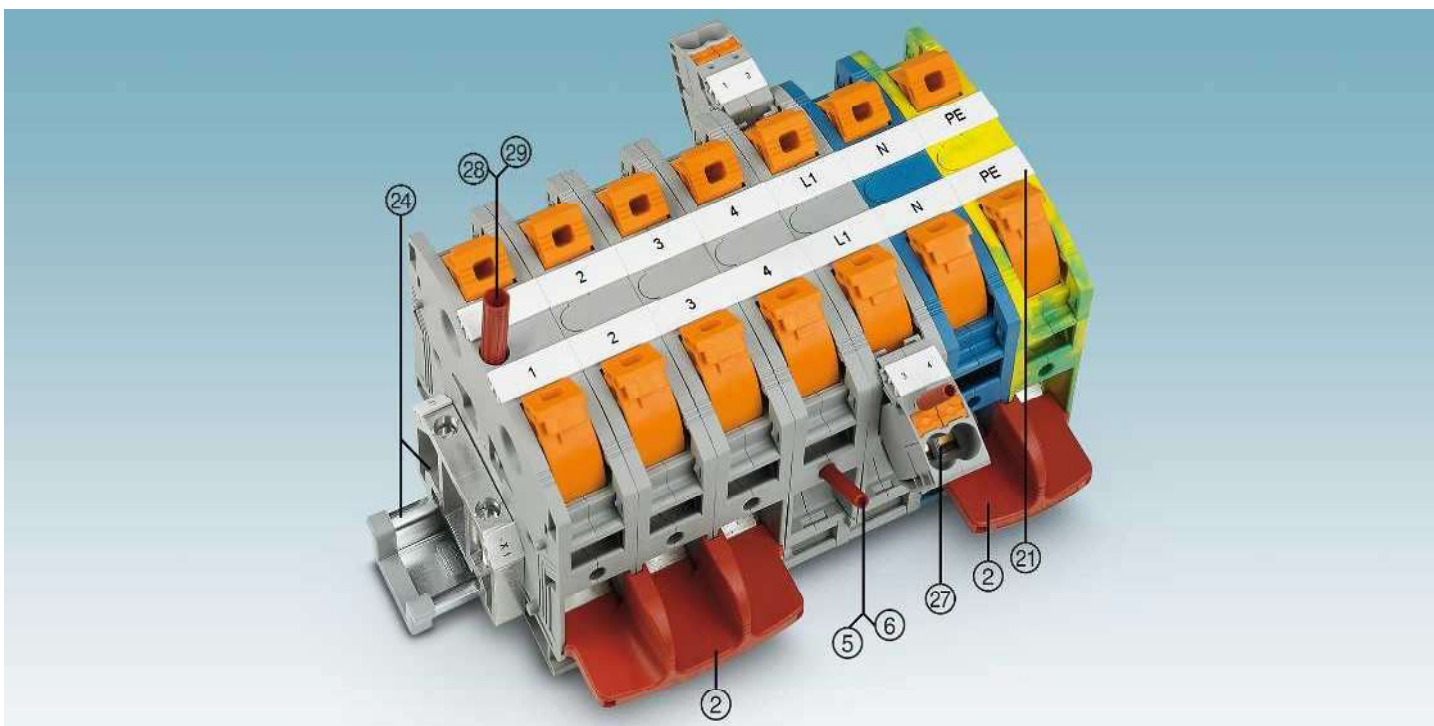
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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

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

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

System accessories

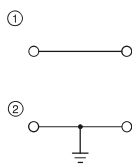


Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
② Insertion bridge ¹⁾	2	red	EB 2-25/PT	3260157	10			
	3	red	EB 3-25/PT	3260160	10			
	4	red	EB 4-25/PT	3260161	10			
⑤ Test plug metal part		gray	MPS-MT	0201744	10			
⑥ Insulating sleeve, for MPS metal part		red	MPS-IH RD	0201676	10			
⑦ Tap-off terminal block		gray	AGK 10-PTPOWER	3260145	10			
		blue	AGK 10-PTPOWER BU	3260148	10			
		green/yellow	AGK 10-PTPOWER GN/YE	3260151	10			
		black/yellow	AGK 10-PTPOWER BK/YE	3260154	10			
Screwdriver			SZF 3-1,0X5,5	1206612	10			
②④ Center groove labeling			UC-TM 16, UCT-TM 16 or ZB 16,3. See also Catalog 3, selection tables from page 60.					
②④ DIN rail and end bracket			See Catalog 3					
②⑧ Test plug			For MPS-MT/ 4MM and PS-IH RD, see page 410.					
For full accessories, visit phoenixcontact.net/products			Note: Additional or deviating accessories are listed alongside the respective product.					

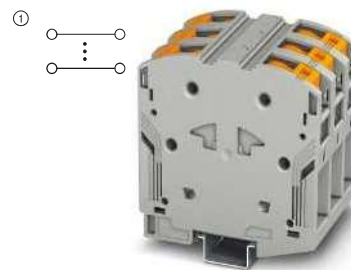
95 mm² PTPOWER Power-Turn high-current terminal blocks

High-current terminal blocks

Notes:
 1) For additional accessories and technical data, see page 138.
 For information on installation and using accessories for Ex applications, see page 678.



232 A, feed-through terminal block



232 A, terminal block base



Ex: EAC Ex IEC Ex
 SEV14ATEX0156U / IECExSEV14.0013U

Technical data ¹⁾				
Width	Length	Height		
25	105.5	108.7 (NS 35/15)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
232	1000	25 - 95	-	
150				
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	1000	1000	1000	1100
Nominal current / cross section	232	- / -	230 / -	215 / 95



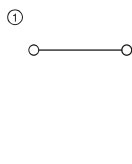
Technical data ¹⁾				
Width	Length	Height		
75	105.5	108.7 (NS 35/15)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
232	1000	25 - 95	-	
150				
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	1000	1000	1000	-
Nominal current / cross section	232	- / -	230 / -	- / -

Ordering data				
Type	Order No.	Pcs./Pkt.		
PTPOWER 95	① 3260100	3		
PTPOWER 95 BU	① 3260103	3		
PTPOWER 95-FE	① 3260139	3		
PTPOWER 95 P	① 3260163	3		
PTPOWER 95-PE	② 3260106	3		

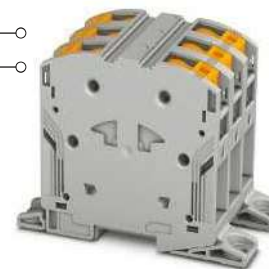
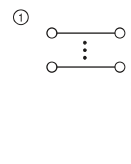
Ordering data				
Type	Order No.	Pcs./Pkt.		
PTPOWER 95-3L	① 3260109	3		
PTPOWER 95-3L/N	① 3260112	2		
PTPOWER 95-3L/FE	① 3260115	2		
PTPOWER 95-3L/N/FE	① 3260118	2		

High-current terminal blocks for direct mounting

Notes:
 1) For additional accessories and technical data, see page 138.
 For drilling diagram, see phoenixcontact.net/products
 For information on installation and using accessories for Ex applications, see page 678.



232 A, feed-through terminal block, for direct mounting



232 A, terminal block base for direct mounting



Ex: EAC Ex IEC Ex
 SEV14ATEX0156U / IECExSEV14.0013U

Technical data ¹⁾				
Width	Length	Height		
25	139.1	99.8		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
232	1000	25 - 95	-	
150				
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	1000	1000	1000	1100
Nominal current / cross section	232	- / -	230 / -	215 / 95



Technical data ¹⁾				
Width	Length	Height		
75	139.1	99.8		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
232	1000	25 - 95	-	
150				
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	1000	1000	1000	-
Nominal current / cross section	232	- / -	230 / -	- / -

Ordering data				
Type	Order No.	Pcs./Pkt.		
PTPOWER 95-F	① 3260133	3		
PTPOWER 95-F BU	① 3260136	3		
PTPOWER 95-FE-F	① 3260142	3		

Ordering data				
Type	Order No.	Pcs./Pkt.		
PTPOWER 95-3L-F	① 3260121	3		
PTPOWER 95-3L/N-F	① 3260124	2		
PTPOWER 95-3L/FE-F	① 3260127	2		
PTPOWER 95-3L/N/FE-F	① 3260130	2		

Description	Color
Terminal block, for direct mounting	gray
	blue
	black/yellow
Terminal block base, for direct mounting, with three gray feed-through terminal blocks	gray
3 x gray, 1 x blue	gray/blue
3 x gray, 1 x black-yellow	gray/black-yellow
3 x gray, 1 x blue, 1 x black-yellow	gray/blue/black-yellow

Terminal blocks – CLIPLINE complete

185 mm² PTPOWER Power-Turn high-current terminal blocks

General technical data

Rated data		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm ²]	150			
Cross section range	AWG	3/0 - 350 kcmil			
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	[mm ²]	95 - 185	95 - 185	95 - 150	95 - 150
2 flexible conductors with a TWIN ferrule	[mm ²]	-	-	-	-
Connection cross sections directly plug-in	[mm ²]	95 - 185	-	95 - 150	95 - 150
Max. cross section with insertion bridge	[mm ²]	150	150	-	-
General data					
Stripping length	[mm]	40			
Insulating material		PA			
Flammability rating in accordance with UL 94		V0			

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

Notes:



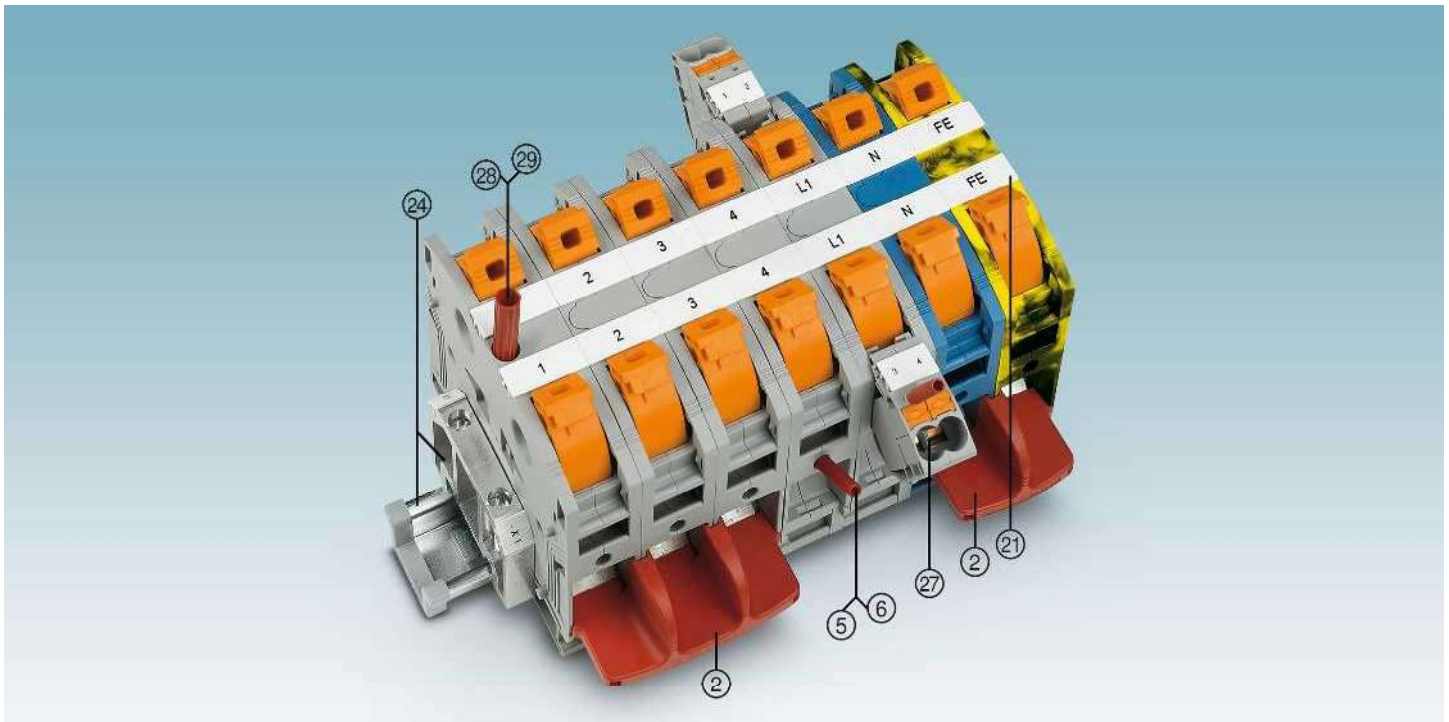
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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 ¹⁾	2	red	EB 2-31/PT	3215057	5			
	3	red	EB 3-31/PT	3215058	5			
⑤ Test plug metal part		gray	MPS-MT	0201744	10			
⑥ Insulating sleeve, for MPS metal part		red	MPS-IH RD	0201676	10			
⑦ Tap-off terminal block		gray	AGK 10-PTPOWER	3260145	10			
		blue	AGK 10-PTPOWER BU	3260148	10			
		green/yellow	AGK 10-PTPOWER GN/YE	3260151	10			
		black/yellow	AGK 10-PTPOWER BK/YE	3260154	10			
Screwdriver			SZF 3-1,0X5,5	1206612	10			
② Center groove labeling	UC-TM 16, UCT-TM 16 or ZB 16,3. See also Catalog 3, selection tables from page 60.							
② DIN rail and end bracket	See Catalog 3							
②② Test plug	For MPS-MT/ 4MM and PS-IH RD, see page 410.							
For full accessories, visit phoenixcontact.net/products	Note: Additional or deviating accessories are listed alongside the respective product.							

185 mm² PTPOWER Power-Turn high-current terminal blocks

High-current terminal blocks

Notes:
1) For additional accessories and technical data, see page 141.



309 A, feed-through terminal block



309 A, terminal block base



Technical data¹⁾

Dimensions	Width	Length	Height	
[mm]	31	116.4	116.5 (NS 35/15)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	309	1500	95 - 185	-
Maximum bridge current	232 [A]			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	1500	1000	1000	-
Nominal current / cross section	309	- / -	270 / -	- / -

Technical data¹⁾

Dimensions	Width	Length	Height	
[mm]	93	116.4	108.7 (NS 35/15)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	309	1500	95 - 185	-
Maximum bridge current	232 [A]			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	1500	1000	1000	-
Nominal current / cross section	309	- / -	270 / -	- / -

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	gray	PTPOWER 185	① 1054722	3
	blue	PTPOWER 185 BU	① 1054723	3
	black/yellow	PTPOWER 185-FE	① 1054724	3
with 4 mm test connection	gray	PTPOWER 185 P	① 1054725	3
	blue	PTPOWER 185 P BU	① 1054726	3
Terminal block base, 3 x gray	gray			
3 x gray, 1 x blue	gray/blue			
3 x gray, 1 x black-yellow	gray/black-yellow			
3 x gray, 1 x blue, 1 x black-yellow	gray/blue/black-yellow			

Ordering data

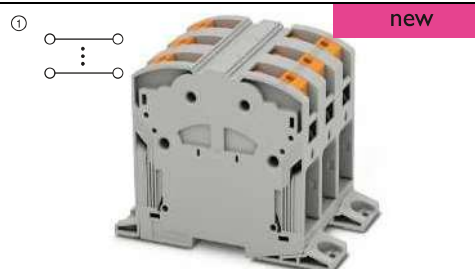
Type	Order No.	Pcs./Pkt.
PTPOWER 185-3L	① 1054728	1
PTPOWER 185-3L/N	① 1054729	1
PTPOWER 185-3L/FE	① 1054730	1
PTPOWER 185-3L/N/FE	① 1054731	1

High-current terminal blocks for direct mounting

Notes:
1) For additional accessories and technical data, see page 141.



309 A, feed-through terminal block, for direct mounting



309 A, terminal block base for direct mounting



Technical data¹⁾

Dimensions	Width	Length	Height	
[mm]	31	150	108.3	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	309	1500	95 - 185	-
Maximum bridge current	232 [A]			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	1500	1000	1000	-
Nominal current / cross section	309	- / -	270 / -	- / -

Technical data¹⁾

Dimensions	Width	Length	Height	
[mm]	93	150	108.3	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	309	1500	95 - 185	-
Maximum bridge current	232 [A]			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	1500	1000	1000	-
Nominal current / cross section	309	- / -	270 / -	- / -

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block, for direct mounting	gray	PTPOWER 185 F	① 1054732	3
	blue	PTPOWER 185 F BU	① 1054733	3
	black/yellow	PTPOWER 185 FE-F	① 1054734	3
with 4 mm test connection	gray	PTPOWER 185 P-F	① 1054739	3
Terminal block base, for direct mounting, with three gray feed-through terminal blocks	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.
PTPOWER 185 3L-F	① 1054735	1
PTPOWER 185 3L/N-F	① 1054736	1
PTPOWER 185 3L/FE-F	① 1054737	1
PTPOWER 185 3L/N/FE-F	① 1054738	1