

ST spring-cage connection terminal blocks

The ST spring-cage connection terminal blocks from the CLIPLINE complete system have been developed for universal spring-loaded conductor contacting. The high contact force guarantees a vibration-proof, gas-tight connection with long-term stability.

The compact front connection ensures easy operation. The terminal point is opened using a standard screwdriver. After the conductor has been inserted into the clamping space, the screwdriver is removed and the conductor automatically makes contact.

All types of copper wires up to 35 mm² can be clamped without any pretreatment.

Spring-cage connection terminal blocks offer a large insertion space, which means that conductors with a nominal cross section can be wired both with and without ferrules.

 Your web code: [#1396](#)

Product range overview

1.5 mm²

Feed-through, multi-conductor, multi-level, and ground terminal blocks **207**

2.5 mm²

Feed-through, multi-conductor, multi-level, and ground terminal blocks **211**

Initiator/actuator terminal blocks **214**

Disconnect and knife disconnect terminal blocks **216**

Diode terminal blocks **218**

Hybrid terminal blocks with screw connection on one side **220**

Desk-design terminal blocks **221**

Desk-design disconnect and knife disconnect terminal blocks **222**

Mini terminal blocks **222**

4 mm²

Feed-through, multi-conductor, multi-level, and ground terminal blocks **229**

Fuse terminal blocks and lever-type disconnect terminal blocks of the same shape **231**

Disconnect and knife disconnect terminal blocks **232**

Diode terminal blocks **232**

Hybrid terminal blocks with screw connection on one side **233**

Desk-design terminal blocks **233**

Desk-design disconnect and knife disconnect terminal blocks **235**

6 mm²

Feed-through, multi-conductor, and ground terminal blocks **237**

Test disconnect terminal blocks **237**

Diode terminal blocks **239**

Desk-design terminal blocks **239**

10 mm²

Feed-through, multi-conductor, and ground terminal blocks **243**

Hybrid terminal blocks with screw connection on one side **244**

16 mm²

Feed-through, multi-conductor, and ground terminal blocks **247**

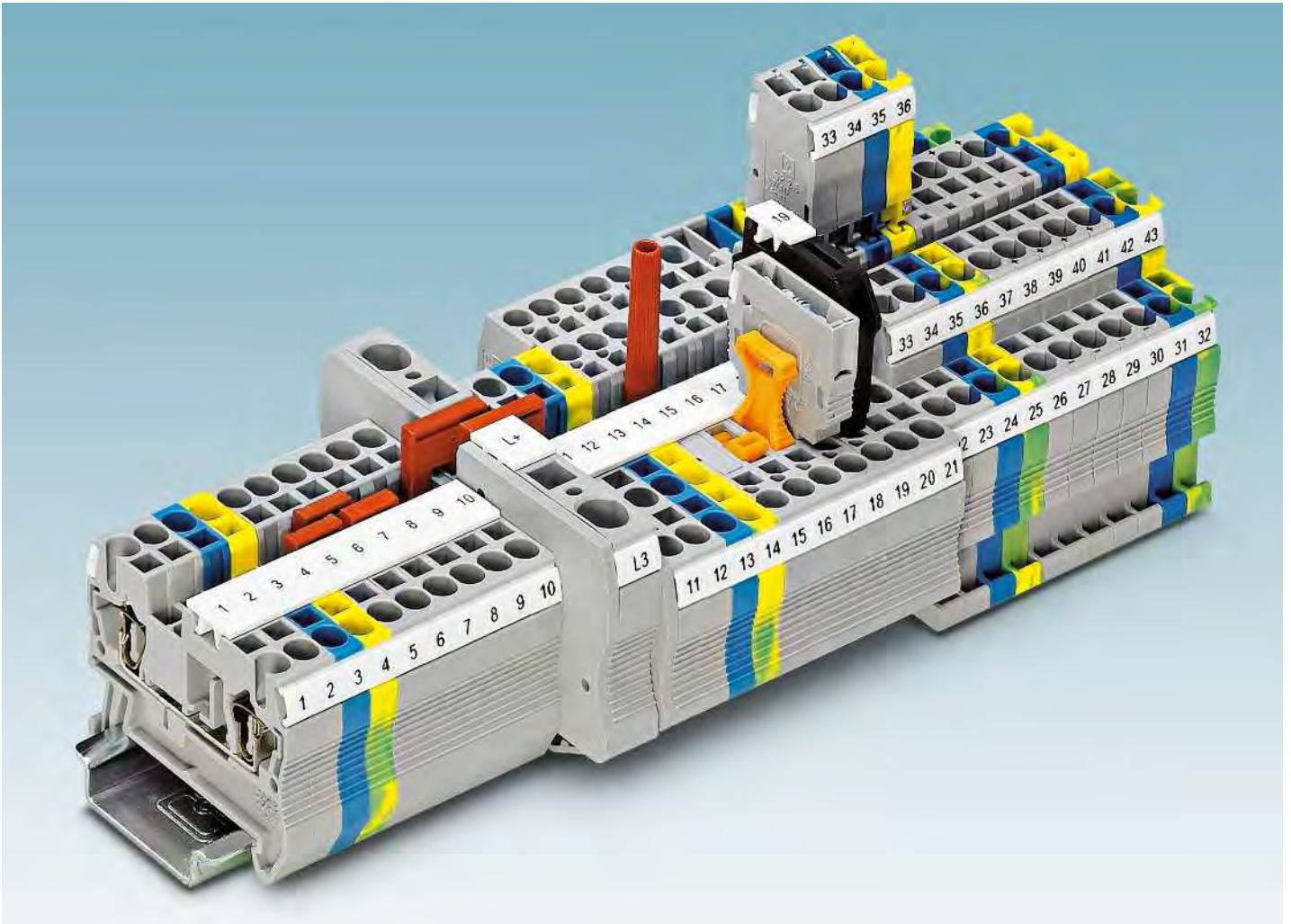
35 mm²

Feed-through and ground terminal blocks **249**

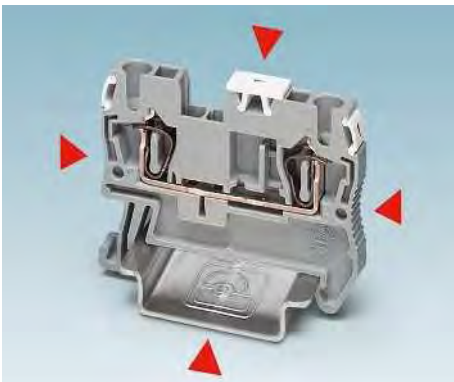
Hybrid terminal blocks with screw connection on one side **249**

Terminal blocks – CLIPLINE complete

ST spring-cage connection terminal blocks

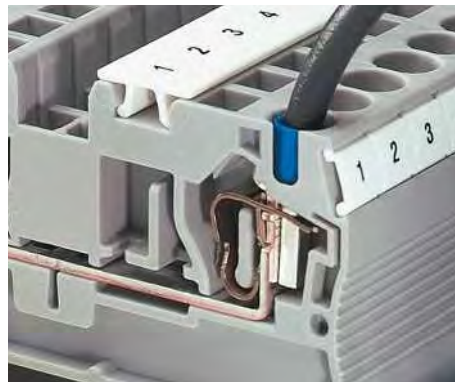


i Your web code: #1396



Space-saving design

Thanks to the space-saving design and conductor insertion from above, ST spring-cage terminal blocks are ideal for control systems where limited space is available.



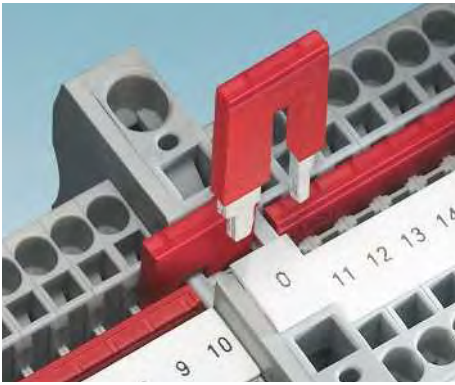
Maximum connection space

Thanks to their maximum wiring space, miniature spring-cage terminal blocks offer a quick means of wiring rigid and flexible conductors, even for conductors with the nominal cross section and pre-assembled ferrule.

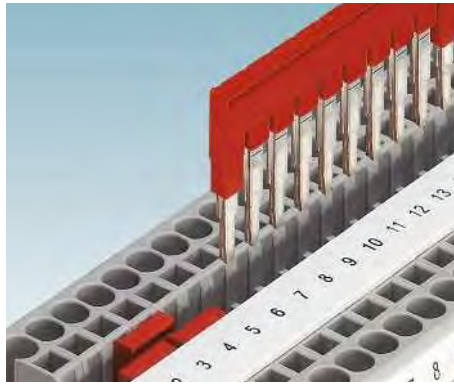


Large-surface labeling

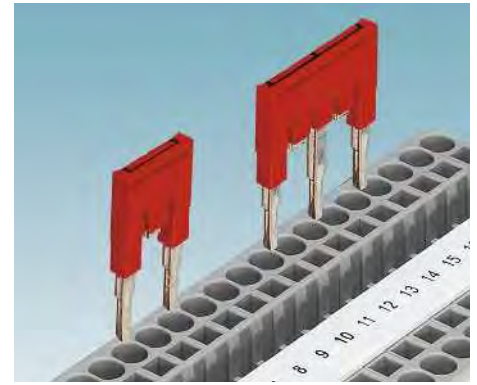
Large and clear marking of the terminal points is essential for reliable and quick installation. In addition to this, each terminal point can be labeled separately.



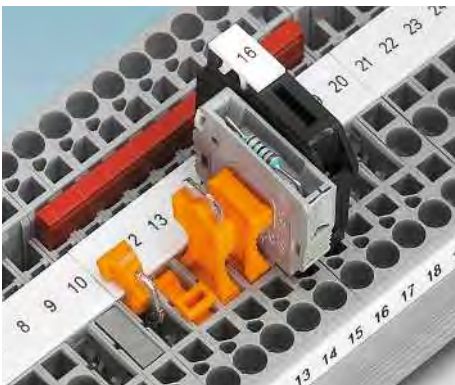
The reducing bridge allows terminal blocks with different nominal cross sections to be connected easily. The reducing bridge can be used to quickly create power blocks, e.g., an ST 10 spring-cage terminal block with an ST 2.5 or ST 4.



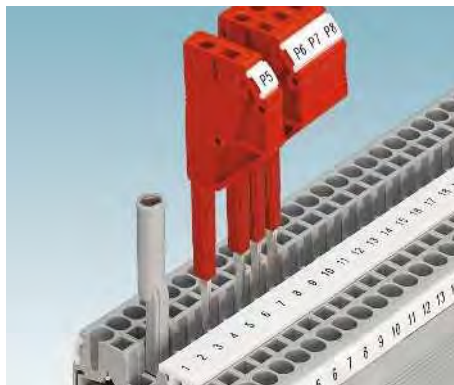
The double function shaft can be used to connect any number of terminal blocks with two-position bridges. The 2- to 50-pos. bridges allow up to 50 terminal blocks to be bridged in one step.



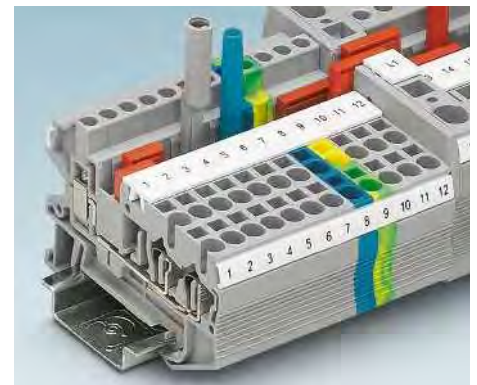
Bridging between non-adjacent terminal blocks is established by removing individual contact tabs from the standard bridge. Two potentials can then be routed in parallel through a terminal strip. The contact points can also be marked.



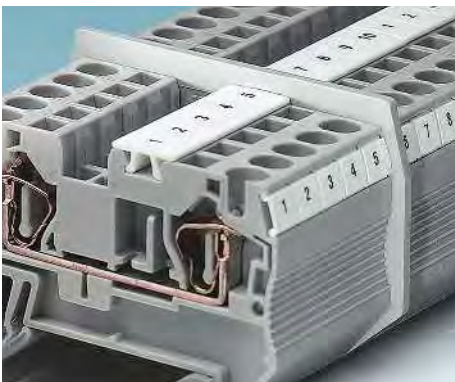
The isolated feed-through connector P-FIX, isolating connector P-DI, component connector P-CO and the cartridge fuse connector P-FU can be used in the universal plug-in zone of the disconnect terminal block.



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.



The hybrid versions combine the benefits of the spring-cage connection method with those of the universal screw connection.



The partition plates protrude beyond the terminal block contours. They provide visual as well as electrical group separation.



Cover segments are used to cover protruding terminal block segments of three- or four-conductor terminal blocks, when adding two-conductor terminal blocks. Fingers are thereby protected from contact.



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

Terminal blocks – CLIPLINE complete

ST spring-cage connection terminal blocks

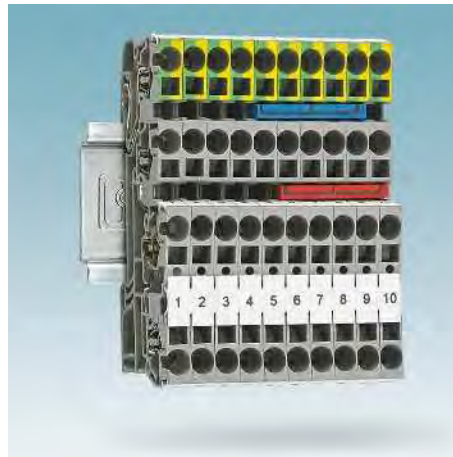
ST ... feed-through, multi-conductor, and multi-level terminal blocks



- Convenient operation, thanks to front connection
- Space saving, thanks to the compact design
- Optimum overview, thanks to large marking areas

i Your web code: #0061

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



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

i Your web code: #0062

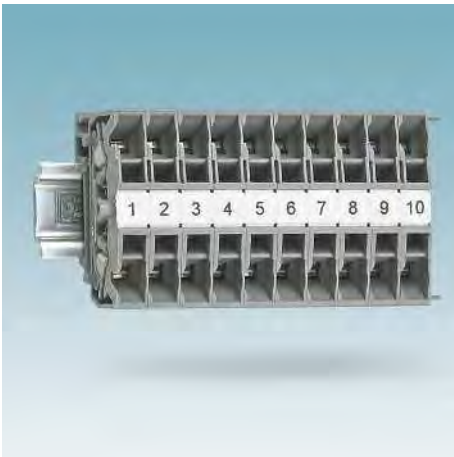
ST ... disconnect and knife disconnect terminal blocks



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

i Your web code: #0063

MSB ... miniature terminal blocks



- Space saving, thanks to compact design and mounting option on a 15 mm DIN rail
- Horizontal connection for particularly flat inserts
- Vertical connection in confined spaces
- Clear, as all terminal points are marked

i Your web code: #0067

STME ... test disconnect terminal blocks

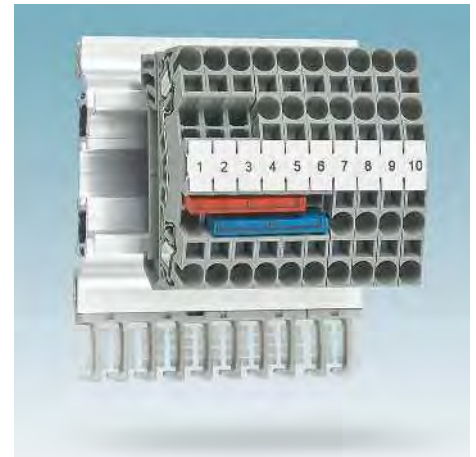
- Easy and safe operation, thanks to clear indication of switching states
- Maximum functionality, up to six universal function shafts for potential distribution or for test purposes
- Modular expansion, thanks to feed-through terminal blocks and ground terminals of the same shape
- Modular design of transformer circuits, thanks to plug-in test disconnect terminal blocks

i Your web code: **#0064**

STU ... hybrid terminal blocks

- Meet requirements for internal and external wiring at the same time as different connection methods are integrated in a single terminal block
- Free choice of connection technology, thanks to two combination options
- Space saving, thanks to the compact design
- Uniform distances from cable ducts
- Feed-through and ground terminal blocks of the same shape

i Your web code: **#0065**

STS ... desk-design terminal blocks

- Angled design enables minimized bending radii for better conductor routing
- Designed for use on wiring frames instead of typical channel wiring
- Two, three, and four-conductor terminal blocks with the same contour
- Universal disconnect zone for also accommodating isolating plugs, feed-through connectors, component connectors, and fuse plugs

i Your web code: **#0061**

Terminal blocks – CLIPLINE complete

1.5 mm² ST spring-cage 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	28 - 16			
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	[mm ²]	0.08 - 1.5	0.08 - 1.5	0.14 - 1.5	0.14 - 1.5
2 flexible conductors with a TWIN ferrule	[mm ²]	-	-	-	0.5
General data					
Stripping length	[mm]	8 - 10			
Insulating material		PA			
Flammability rating in accordance with UL 94		VO			
Note: Additional or deviating data is listed alongside the respective product.					

Notes:



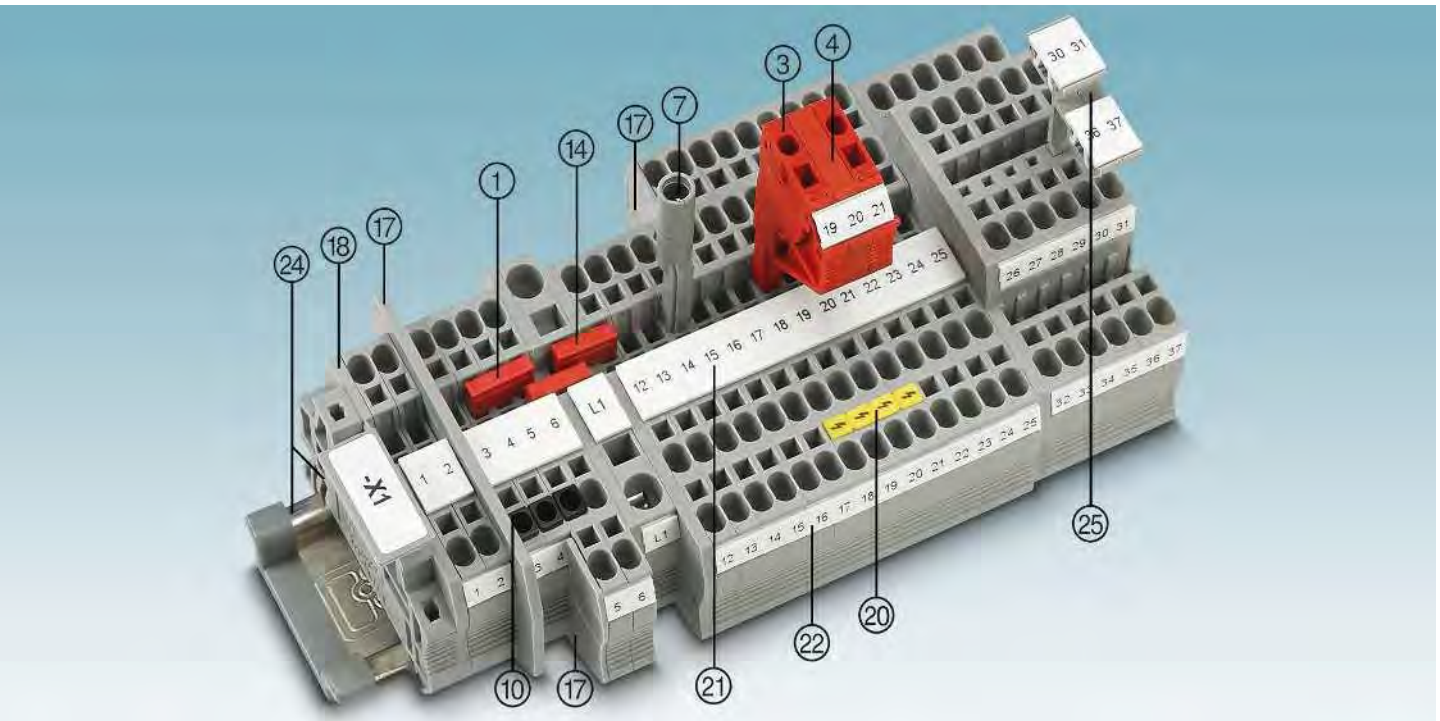
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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

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

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

System accessories



Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① Bridge ¹⁾	2	red	FBS 2-4	3030116	50			
	3	red	FBS 3-4	3030129	50			
	4	red	FBS 4-4	3030132	50			
	5	red	FBS 5-4	3030145	50			
	10	red	FBS 10-4	3030158	10			
	20	red	FBS 20-4	3030352	10			
③ Modular test plug		red	PS-4	3030970	10			
④ Spacer plate		red	DP PS-4	3036712	10			
⑦ Test adapter, 4 mm socket hole		gray	PAI-4-N GY	3032871	10			
⑩ Insulating sleeve 0.25 - 0.5 mm ²		white	ISH 1,5/0,2	3206131	50			
		gray	ISH 1,5/0,5	3031034	50			
Screwdriver			SZF 0-0,4X2,5	1204504	10			

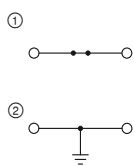
⑭ Reducing bridge
⑰ Partition plates/end cover segments
⑱ Cover
⑳ Warning labels
㉑ Center groove labeling
㉒ Center and side groove labeling
㉓ DIN rail and end bracket
㉔ Marker carrier
For full accessories, visit phoenixcontact.net/products

For RB ..., see page 408.
For ATP-... / DS-..., visit phoenixcontact.net/products
Listed alongside the respective product.
For WS ..., see page 420.
UC-TM 4, UCT-TM 4 or ZB 4. See also Catalog 3, selection tables from page 60.
UC-TMF 4, UCT-TMF 4 or ZBF 4. See also Catalog 3, selection tables from page 60.
See Catalog 3
For STP ..., see page 418.
Note: Additional or deviating accessories are listed alongside the respective product.

1.5 mm² ST spring-cage connection terminal blocks

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

Notes:
 1) For additional accessories and technical data, see page 206.
 For information on installation and using accessories for Ex applications, see page 678.



17.5 A, feed-through terminal block



Ex: EAC Ex IEC Ex
 KEMA 01ATEX2129 U / IECEx KEM 06.0043U

Technical data¹⁾

Width	Length	Height		
4.2	48.5	36.5 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
17.5	500	0.08 - 1.5	26-14	
17.5				
IEC	UL / CUL	CSA	Ex	
500	300	300	440	
Nominal current / cross section	[A] / [mm ²]			
17.5 / 1.5	15 / - 15 / - 17.5 / 1.5			

Ordering data

Type	Order No.	Pcs./Pkt.
ST 1,5	① 3031076	50
ST 1,5 BU	① 3031089	50
ST 1,5-PE	② 3031513	50

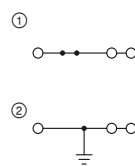
Accessories¹⁾

D-ST 2,5	Order No.	Pcs./Pkt.
D-ST 2,5	3030417	50

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

Description	Color
Terminal block	gray blue
Ground terminal	green-yellow

Cover, width: 2.2 mm	gray
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17.5 A, feed-through terminal block, 3 connections



Ex: EAC Ex IEC Ex
 KEMA 01ATEX2129 U / IECEx KEM 06.0043U

Technical data¹⁾

Width	Length	Height		
4.2	60.5	36.5 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
17.5	500	0.08 - 1.5	26-14	
17.5				
IEC	UL / CUL	CSA	Ex	
500	300	300	440	
Nominal current / cross section	[A] / [mm ²]			
17.5 / 1.5	15 / - 15 / - 17.5 / 1.5			

Ordering data

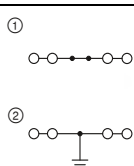
Type	Order No.	Pcs./Pkt.
ST 1,5-TWIN	① 3031128	50
ST 1,5-TWIN BU	① 3031131	50
ST 1,5-TWIN-PE	② 3031144	50

Accessories¹⁾

D-ST 2,5-TWIN	Order No.	Pcs./Pkt.
D-ST 2,5-TWIN	3030488	50

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

Notes:
 1) For additional accessories and technical data, see page 206.
 For information on installation and using accessories for Ex applications, see page 678.



17.5 A, feed-through terminal block, 4 connections



Ex: EAC Ex IEC Ex
 KEMA 01ATEX2129 U / IECEx KEM 06.0043U

Technical data¹⁾

Width	Length	Height		
4.2	72	36.5 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
17.5	500	0.08 - 1.5	26-14	
17.5				
IEC	UL / CUL	CSA	Ex	
500	300	300	440	
Nominal current / cross section	[A] / [mm ²]			
17.5 / 1.5	15 / - 15 / - 17.5 / 1.5			
8 - 10				

Ordering data

Type	Order No.	Pcs./Pkt.
ST 1,5-QUATTRO	① 3031186	50
ST 1,5-QUATTRO BU	① 3031199	50
ST 1,5-QUATTRO-PE	② 3031209	50

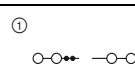
Accessories¹⁾

D-ST 2,5-QUATTRO	Order No.	Pcs./Pkt.
D-ST 2,5-QUATTRO	3030514	50

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]

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

Cover, width: 2.2 mm	gray
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17.5 A, feed-through terminal block, 7 connections, with interrupted current bar



Technical data¹⁾

Width	Length	Height		
4.2	72	36.5 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
17.5	500	0.08 - 1.5	26-14	
17.5				
IEC	UL / CUL	CSA	Ex	
500	300	-	-	
Nominal current / cross section	[A] / [mm ²]			
17.5 / 1.5	15 / - - / - - / -			
10				

Ordering data

Type	Order No.	Pcs./Pkt.
ST 1,5-QUATTRO-U	① 3038600	50

Accessories¹⁾

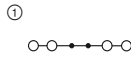
D-ST 2,5-QUATTRO	Order No.	Pcs./Pkt.
D-ST 2,5-QUATTRO	3030514	50

Terminal blocks – CLIPLINE complete

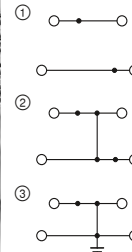
1.5 mm² ST spring-cage connection terminal blocks

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

Notes:
1) For additional accessories and technical data, see page 206.
ISH... insulating sleeves and PS ... and PAI ... test accessories cannot be used with the ST 1,5/S-QUATTRO.
For 1 mm ² 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



17.5 A, double-level terminal block



Ex: EAC Ex IEC KEMA 01ATEX2129 U / IECEx KEM 06.0043U

	Technical data ¹⁾			
	Width	Length	Height	
Dimensions	3.5	72	32 (NS 35/7,5)	
Maximum electrical data	<i>I</i> _{max.} [A]	<i>U</i> _{max.} [V]	max. Ø [mm ²]	AWG (UL)
	17.5	500	0.08 - 1.5	28-16
Maximum bridge current	17.5			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	500	600	600	-
Nominal current / cross section	17.5 / 1.5	10 / -	10 / -	- / -
Connection capacity	Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	0.08 - 1.5	0.08 - 1.5	0.14 - 1.5	0.14 - 1
2 flexible conductors with a TWIN ferrule	-	-	-	-
General data				
Stripping length	8			

	Technical data ¹⁾			
	Width	Length	Height	
Dimensions	4.2	67.5	47.5 (NS 35/7,5)	
Maximum electrical data	<i>I</i> _{max.} [A]	<i>U</i> _{max.} [V]	max. Ø [mm ²]	AWG (UL)
	17.5	500	0.08 - 1.5	26-14
Maximum bridge current	15			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	500	300	300	440
Nominal current / cross section	17.5 / 1.5	15 / -	15 / -	17.5 / 1.5
Connection capacity	Rigid	Flexible	Ferrule without/with plastic sleeve	
0.08 - 1.5	0.08 - 1.5	0.14 - 1.5	0.14 - 1.5	0.5
General data				
Stripping length	10			

Description	No. of pos.	Color	Ordering data		
			Type	Order No.	Pcs./Pkt.
Terminal block		gray	ST 1,5/S-QUATTRO	① 3213124	50
With potential distribution		blue			
		gray			
Ground terminal		green-yellow			

Type	Order No.	Pcs./Pkt.	Ordering data		
			Type	Order No.	Pcs./Pkt.
STTB 1,5	① 3031157	50			
STTB 1,5 BU	① 3031160	50			
STTB 1,5-PV	② 3031526	50			
STTB 1,5-PE	③ 3036013	50			

Cover, width: 2.2 mm	Plug-in bridge	No. of pos.	Color	Accessories ¹⁾			
				D-ST 1,5/S-QUATTRO	Order No.	Pcs./Pkt.	
		2	red	FBS 2-3,5	17.5 A	3213014	50
		3	red	FBS 3-3,5	17.5 A	3213027	50
		4	red	FBS 4-3,5	17.5 A	3213030	50
		5	red	FBS 5-3,5	17.5 A	3213043	50
		10	red	FBS 10-3,5	17.5 A	3213056	50

D-STTB 2,5	Order No.	Pcs./Pkt.	Accessories ¹⁾		
			D-STTB 2,5	Order No.	Pcs./Pkt.
	3030459	50			

Terminal blocks – CLIPLINE complete

2.5 mm² ST spring-cage 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	28 - 12			
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	[mm ²]	0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5
2 flexible conductors with a TWIN ferrule	[mm ²]	-	-	-	0.5
General data					
Stripping length	[mm]	8 - 10			
Insulating material		PA			
Flammability rating in accordance with UL 94		VO			
Note: Additional or deviating data is listed alongside the respective product.					

Notes:



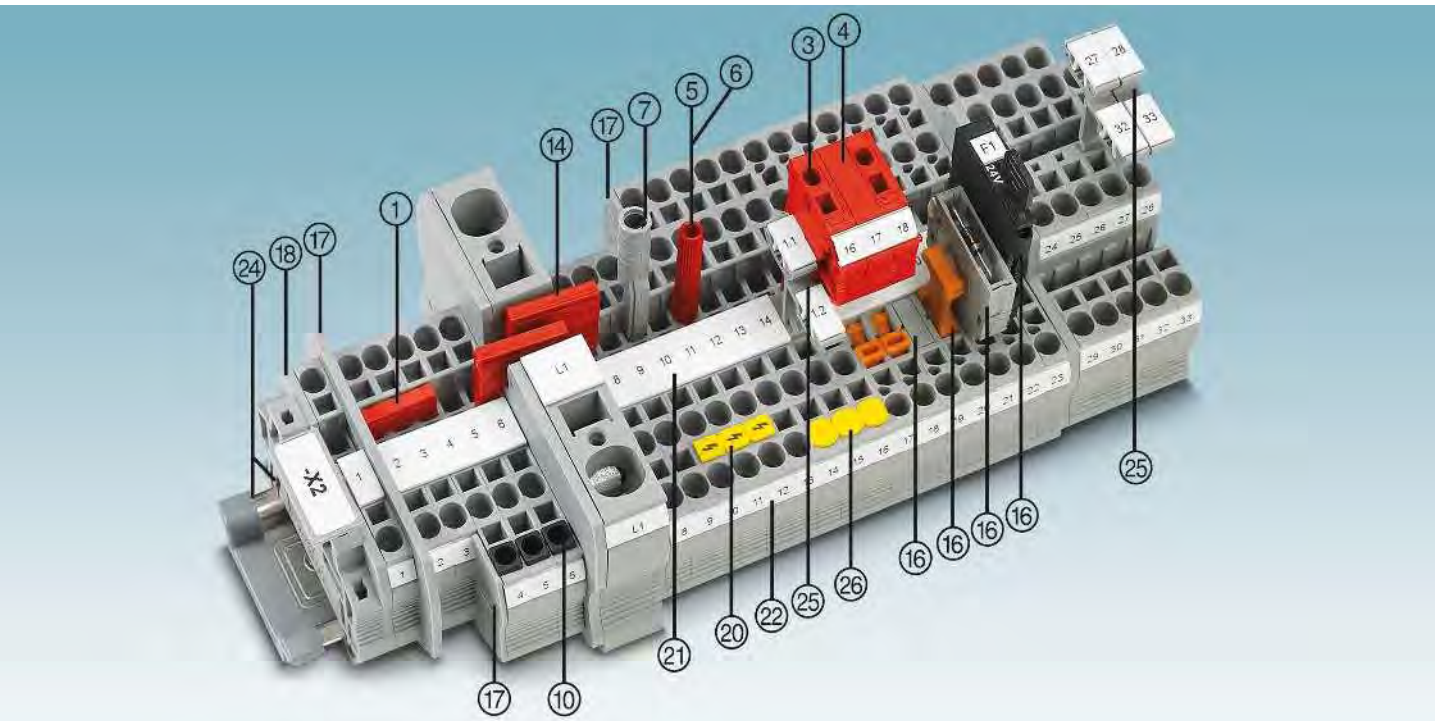
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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

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

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

System accessories



Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
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			
		gray	ISH 2,5/0,5	3002856	50			
		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 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.

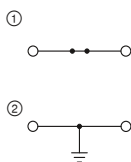
2.5 mm² ST spring-cage connection terminal blocks

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

Notes:

¹⁾ For additional accessories and technical data, see page 210.

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



31 A, feed-through terminal block



Ex: Ex EAC Ex IEC Ex
KEMA 00ATEX2052U / IECEx KEM 06.0051U

Technical data¹⁾

Width	Length	Height		
5.2	48.5	36.5 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. \varnothing [mm ²]	AWG (UL)	
31	800	0.08 - 4	28-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	600	600	550	
24 / 2.5	20 / -	20 / -	21 / 2.5	

Ordering data

Type	Order No.	Pcs./Pkt.
ST 2,5	3031212	50
ST 2,5 BU	3031225	50
ST 2,5-PE	3031238	50

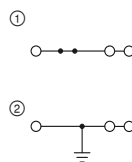
Accessories¹⁾

D-ST 2,5	Order No.	Pcs./Pkt.
D-ST 2,5	3030417	50

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

Description	Color
Terminal block	gray blue
Ground terminal	green-yellow

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



28 A, feed-through terminal block, 3 connections



Ex: Ex EAC Ex IEC Ex
KEMA 00ATEX2052U / IECEx KEM 06.0051U

Technical data¹⁾

Width	Length	Height		
5.2	60.5	36.5 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. \varnothing [mm ²]	AWG (UL)	
28	800	0.08 - 4	28-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	600	600	550	
24 / 2.5	20 / -	20 / -	21.5 / 2.5	

Ordering data

Type	Order No.	Pcs./Pkt.
ST 2,5-TWIN	3031241	50
ST 2,5-TWIN BU	3031254	50
ST 2,5-TWIN-PE	3031267	50

Accessories¹⁾

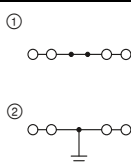
D-ST 2,5-TWIN	Order No.	Pcs./Pkt.
D-ST 2,5-TWIN	3030488	50

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

Notes:

¹⁾ For additional accessories and technical data, see page 210.

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



28 A, feed-through terminal block, 4 connections



Ex: Ex EAC Ex IEC Ex
KEMA 00ATEX2052U / IECEx KEM 06.0051U

Technical data¹⁾

Width	Length	Height		
5.2	72	36.5 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. \varnothing [mm ²]	AWG (UL)	
28	800	0.08 - 4	28-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	600	600	550	
24 / 2.5	20 / -	20 / -	22 / 2.5	

Ordering data

Type	Order No.	Pcs./Pkt.
ST 2,5-QUATTRO	3031306	50
ST 2,5-QUATTRO BU	3031319	50
ST 2,5-QUATTRO-PE	3031322	50

Accessories¹⁾

D-ST 2,5-QUATTRO	Order No.	Pcs./Pkt.
D-ST 2,5-QUATTRO	3030514	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 interrupted current bar	gray blue
Ground terminal	green-yellow

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



28 A, feed-through terminal block, 4 connections, with interrupted current bar



Technical data¹⁾

Width	Length	Height		
5.2	72	36.5 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. \varnothing [mm ²]	AWG (UL)	
28	800	0.08 - 4	28-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	600	600	-	
22 / 2.5	20 / -	20 / -	- / -	

Ordering data

Type	Order No.	Pcs./Pkt.
ST 2,5-QUATTRO-U	3031636	50

Accessories¹⁾

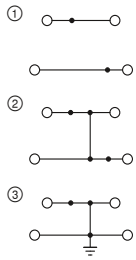
D-ST 2,5-QUATTRO	Order No.	Pcs./Pkt.
D-ST 2,5-QUATTRO	3030514	50

Terminal blocks – CLIPLINE complete

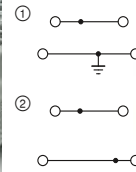
2.5 mm² ST spring-cage connection terminal blocks

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

Notes:
 1) For additional accessories and technical data, see page 210.
 For information on installation and using accessories for Ex applications, see page 678.



26 A, double-level terminal block



32 A, double-level ground terminal block

Ex: EAC Ex IEC Ex
 KEMA 00ATEX2052U / IECEx KEM 06.0051U

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	67.5	47.5 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
26	500	0.08 - 4	28-12	
20 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	600	300	440	
22 / 2.5	20 / -	20 / -	19.5 / 2.5	

Technical data ¹⁾				
Width	Length	Height		
5.2	67.5	47.5 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
32	500	0.08 - 4	28-12	
20 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	300	300	-	
22 / 2.5	20 / -	20 / -	- / -	

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

Ordering data			
Type	Order No.	Pcs./Pkt.	
STTB 2,5	① 3031270	50	
STTB 2,5 BU	① 3031283	50	
STTB 2,5-PV	② 3031539	50	
STTB 2,5-PV BU	② 3035108	50	
STTB 2,5-PE	③ 3036026	50	

Ordering data			
Type	Order No.	Pcs./Pkt.	
STTB 2,5-PE/L	① 3036314	50	
STTB 2,5-PE/N	① 3036327	50	
STTB 2,5-L/N	② 3036330	50	

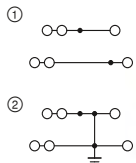
Cover, width: 2.2 mm	gray
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Accessories ¹⁾		
D-STTB 2,5	Order No.	Pcs./Pkt.
D-STTB 2,5	3030459	50

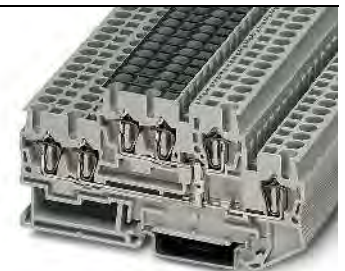
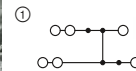
Accessories ¹⁾		
D-STTB 2,5	Order No.	Pcs./Pkt.
D-STTB 2,5	3030459	50

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

Notes:
 1) For additional accessories and technical data, see page 210.



26 A, feed-through terminal block, 3 connections per level



26 A, feed-through terminal block, with equipotential bonding

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	91.5	47.5 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
26	500	0.08 - 4	28-12	
20 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	600	300	-	
22 / 2.5	20 / -	20 / -	- / -	

Technical data ¹⁾				
Width	Length	Height		
5.2	91.5	47.5 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
26	500	0.08 - 4	28-12	
20 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	600	300	-	
22 / 2.5	20 / -	20 / -	- / -	

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

Ordering data			
Type	Order No.	Pcs./Pkt.	
STTB 2,5-TWIN	① 3038516	50	
STTB 2,5-TWIN BU	① 3038529	50	
STTB 2,5-TWIN-PE	② 3038532	50	

Ordering data			
Type	Order No.	Pcs./Pkt.	
STTB 2,5-TWIN-PV	① 3038545	50	

Cover, width: 2.2 mm	gray
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Accessories ¹⁾		
D-STTB 2,5-TWIN	Order No.	Pcs./Pkt.
D-STTB 2,5-TWIN	3038558	50

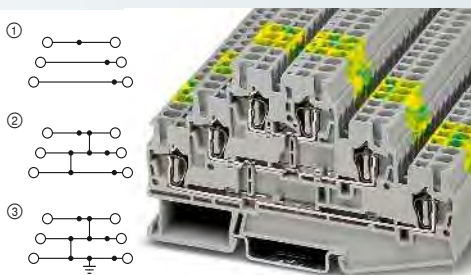
Accessories ¹⁾		
D-STTB 2,5-TWIN	Order No.	Pcs./Pkt.
D-STTB 2,5-TWIN	3038558	50

2.5 mm² ST spring-cage connection terminal blocks

Multi-level terminal blocks

Notes:

1) For additional accessories and technical data, see page 210.



28 A, three-level terminal block



Technical data¹⁾

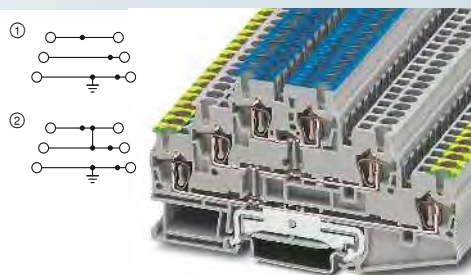
Width	Length	Height		
5.2	99.5	58 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
28	500	0.08 - 4	28-12	
20 (FBS) / 17.5 (FBSR)				
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	500	600	300	-
Nominal current / cross section	20 / 2.5	20 / -	20 / -	- / -

Ordering data

Type	Order No.	Pcs./Pkt.
ST 2,5-3L	3036042	50
ST 2,5-3L BU	3038710	50
ST 2,5-3PV	3036068	50
ST 2,5-3PE	3036071	50

Accessories¹⁾

Type	Order No.	Pcs./Pkt.
D-ST 2,5-3L	3036660	50



28 A, three-level terminal block with PE foot



Technical data¹⁾

Width	Length	Height		
5.2	99.5	58 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
28	500	0.08 - 4	28-12	
22 (FBS) / 17.5 (FBSR)				
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	500	600	300	-
Nominal current / cross section	24 / 2.5	20 / -	20 / -	- / -

Ordering data

Type	Order No.	Pcs./Pkt.
ST 2,5-PE/L/N	3036084	50
ST 2,5-PE/L/L	3036097	50
ST 2,5-PE/2PV	3038833	50

Accessories¹⁾

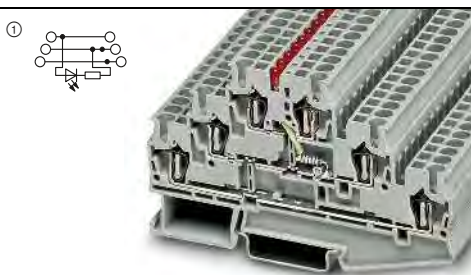
Type	Order No.	Pcs./Pkt.
D-ST 2,5-3L	3036660	50

Multi-level terminal blocks

Notes:

1) For additional accessories and technical data, see page 210.

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



28 A, three-level terminal block with LED display



Technical data¹⁾

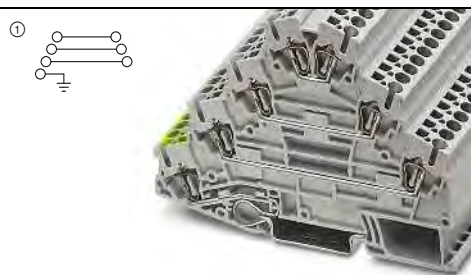
Width	Length	Height		
5.2	99.5	58 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
28	500 ²⁾	0.08 - 4	-	
20 (FBS) / 17.5 (FBSR)				
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	500 ²⁾	-	-	-
Nominal current / cross section	20 / 2.5	- / -	- / -	- / -

Ordering data

Type	Order No.	Pcs./Pkt.
ST 2,5-3L-LA 24RD/O-M	3035580	50

Accessories¹⁾

Type	Order No.	Pcs./Pkt.
D-ST 2,5-3L	3036660	50



26 A, four-level terminal block with PE foot



Technical data¹⁾

Width	Length	Height		
5.2	98.5	73.5 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
26	800	0.08 - 4	28-12	
-				
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	800	600	600	-
Nominal current / cross section	20 / 2.5	20 / -	20 / -	- / -

Ordering data

Type	Order No.	Pcs./Pkt.
ST 2,5-PE/3L	3036055	50

Accessories¹⁾

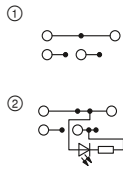
Type	Order No.	Pcs./Pkt.
D-ST 2,5-PE/3L	3036673	50

Terminal blocks – CLIPLINE complete

2.5 mm² ST spring-cage connection terminal blocks

Initiator/actuator terminal blocks

Notes:
 1) For additional accessories and technical data, see page 210.



18 A, three-conductor initiator terminal block



Technical data ¹⁾				
Width	Length	Height		
5.2	75	44.5 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
18	250	0.08 - 4	28-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
250	300	-	-	
Nominal current / cross section [A] / [mm ²]				
18 / 2.5	18 / -	- / -	- / -	

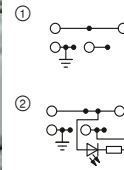
Ordering data			
Type	Order No.	Pcs./Pkt.	
STIO 2,5/3-2B/L	① 3209015	50	
STIO 2,5/3-2B/L-LA24RD/O-M	② 3209028	50	
STIO 2,5/3-2B/L-LA24GN/O-M	② 3209031	50	

Accessories ¹⁾			
D-STIO 2,5/3	Order No.	Pcs./Pkt.	
D-STIO 2,5/3	3209112	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
Red LED, 15 - 30 V DC, 1 - 2.5 mA, LED between upper and middle level	gray
Green LED, 15 - 30 V DC, 1 - 2.5 mA, LED between upper and middle level	gray

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



18 A, three-conductor actuator terminal block with PE foot



Technical data ¹⁾				
Width	Length	Height		
5.2	75	44.5 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
18	250	0.08 - 4	28-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
250	300	-	-	
Nominal current / cross section [A] / [mm ²]				
18 / 2.5	18 / -	- / -	- / -	

Ordering data			
Type	Order No.	Pcs./Pkt.	
STIO 2,5/3-PE/B/L	① 3209044	50	
STIO 2,5/3-PE/B/L-LA24RD/O-M	② 3209138	50	
STIO 2,5/3-PE/B/L-LA24GN/O-M	② 3209141	50	

Accessories ¹⁾			
D-STIO 2,5/3	Order No.	Pcs./Pkt.	
D-STIO 2,5/3	3209112	50	

Power terminal blocks

Notes:
 1) For additional accessories and technical data, see page 210.
 2) In the case of central power feed.



30 A, power terminal block



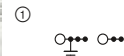
Technical data ¹⁾				
Width	Length	Height		
10.4	75	44.5 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
30 ²⁾	250	0.08 - 4	28-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
250	300	-	-	
Nominal current / cross section [A] / [mm ²]				
30 / 2.5	20 / -	- / -	- / -	

Ordering data			
Type	Order No.	Pcs./Pkt.	
STIO-IN 2,5/3 OG	① 3209196	25	

Accessories ¹⁾			
D-STIO 2,5/3	Order No.	Pcs./Pkt.	
D-STIO 2,5/3	3209112	50	

Description	Color
Power terminal block	orange
	orange

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



30 A, power terminal block with PE foot



Technical data ¹⁾				
Width	Length	Height		
10.4	75	44.5 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
30 ²⁾	250	0.08 - 4	28-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
250	300	-	-	
Nominal current / cross section [A] / [mm ²]				
30 / 2.5	20 / -	- / -	- / -	

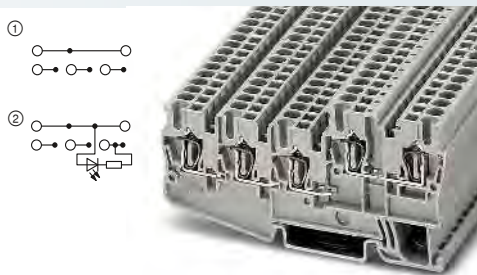
Ordering data			
Type	Order No.	Pcs./Pkt.	
STIO-IN 2,5/3-PE OG	① 3209086	25	

Accessories ¹⁾			
D-STIO 2,5/3	Order No.	Pcs./Pkt.	
D-STIO 2,5/3	3209112	50	

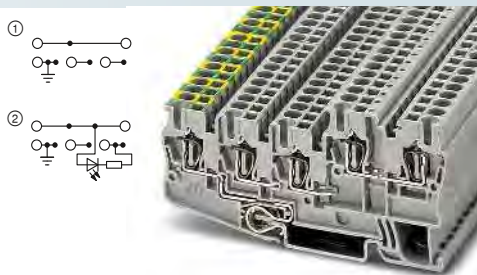
2.5 mm² ST spring-cage connection terminal blocks

Initiator/actuator terminal blocks

Notes:
 1) For additional accessories and technical data, see page 210.



18 A, four-conductor initiator terminal block



18 A, four-conductor actuator terminal block with PE foot



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	92.3	44.5 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
18	250	0.08 - 4	28-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
250	300	-	-	
18 / 2.5	18 / -	- / -	- / -	

Technical data ¹⁾				
Width	Length	Height		
5.2	92.3	44.5 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
18	250	0.08 - 4	28-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
250	300	-	-	
18 / 2.5	18 / -	- / -	- / -	

Description	Color
Terminal block	gray
Red LED, 15 - 30 V DC, 1 - 2.5 mA, LED between upper and middle level	gray
Green LED, 15 - 30 V DC, 1 - 2.5 mA, LED between upper and middle level	gray

Ordering data			
Type	Order No.	Pcs./Pkt.	
STIO 2,5/4-3B/L	① 3209057	50	
STIO 2,5/4-3B/L-LA24RD/O-M	② 3209154	50	
STIO 2,5/4-3B/L-LA24GN/O-M	② 3209167	50	

Ordering data			
Type	Order No.	Pcs./Pkt.	
STIO 2,5/4-PE/2B/L	① 3209060	50	
STIO 2,5/4-PE/2B/L-LA24RD/O-M	② 3209170	50	
STIO 2,5/4-PE/2B/L-LA24GN/O-M	② 3209183	50	

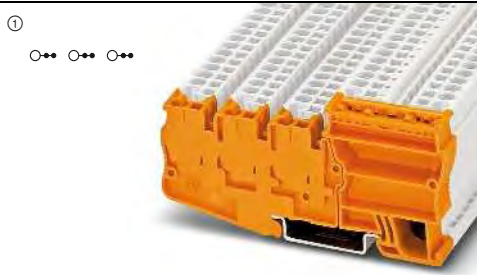
Accessories ¹⁾	
Cover, width: 2.2 mm	gray

Accessories ¹⁾		
D-STIO 2,5/4	3209125	50

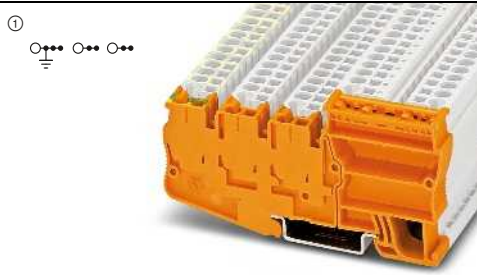
Accessories ¹⁾		
D-STIO 2,5/4	3209125	50

Power terminal blocks

Notes:
 1) For additional accessories and technical data, see page 210.
 2) In the case of central power feed.



30 A, power terminal block



30 A, power terminal block with PE foot



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		
10.4	92.3	44.5 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
30 ²⁾	250	0.08 - 4	28-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
250	300	-	-	
30 / 2.5	20 / -	- / -	- / -	

Technical data ¹⁾				
Width	Length	Height		
10.4	92.3	44.5 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
30 ²⁾	250	0.08 - 4	28-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
250	300	-	-	
30 / 2.5	20 / -	- / -	- / -	

Description	Color
Power terminal block	orange
	orange

Ordering data			
Type	Order No.	Pcs./Pkt.	
STIO-IN 2,5/4 OG	① 3209206	25	

Ordering data			
Type	Order No.	Pcs./Pkt.	
STIO-IN 2,5/4-PE OG	① 3209109	25	

Accessories ¹⁾	
Cover, width: 2.2 mm	gray

Accessories ¹⁾		
D-STIO 2,5/4	3209125	50

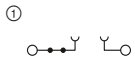
Accessories ¹⁾		
D-STIO 2,5/4	3209125	50

Terminal blocks – CLIPLINE complete

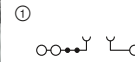
2.5 mm² ST spring-cage connection terminal blocks

Disconnect terminal blocks

Notes:
 1) For additional accessories and technical data, see page 210.
 2) Current and voltage are determined by the plug used.



20 A, disconnect terminal block



20 A, disconnect terminal block, 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)
	20 ²⁾	400 ²⁾	0.08 - 4	28-12
Maximum bridge current	24 (FBS) / 17.5 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	400 ²⁾	300	300	-
Nominal current / cross section	20 ²⁾ / 2.5	16 / -	16 / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
ST 2,5-TG	3038435	50	

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

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

Description	Color
Terminal block	gray

Cover, width: 2.2 mm	gray
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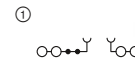
Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	5.2	72	36.5 (NS 35/7,5)	
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
	20	400 ²⁾	0.08 - 4	28-12
Maximum bridge current	24 (FBS) / 17.5 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	400 ²⁾	300	300	-
Nominal current / cross section	20 ²⁾ / 2.5	16 / -	16 / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
ST 2,5-TWIN-TG	3038448	50	

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

Disconnect terminal blocks

Notes:
 1) For additional accessories and technical data, see page 210.
 2) Current and voltage are determined by the plug used.



20 A, disconnect terminal block, 4 connections



Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	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 ²⁾	0.08 - 4	28-12
Maximum bridge current	24 (FBS) / 17.5 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	400 ²⁾	300	300	-
Nominal current / cross section	20 ²⁾ / 2.5	16 / -	16 / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
ST 2,5-QUATTRO-TG	3038451	50	

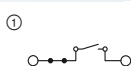
Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-ST 2,5-QUATTRO-MT	3038590	50	

Description	Color
Terminal block	gray

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

Knife disconnect terminal blocks

Notes:
 1) For additional accessories and technical data, see page 210.



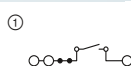
20 A, knife disconnect terminal block



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)
	20	400	0.08 - 4	28-12
Maximum bridge current	24 (FBS) / 17.5 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	400	600	300	-
Nominal current / cross section	20 / 2.5 16 / - 16 / - - / -			

Ordering data			
Description	Color	Type	Order No.
Terminal block	gray blue	ST 2,5-MT ST 2,5-MT BU	3036343 3037818
			Pcs./Pkt. 50 50

Accessories ¹⁾			
Cover, width: 2.2 mm	gray	D-ST 2,5-TWIN	3030488
			50



20 A, knife disconnect terminal block, 3 connections



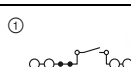
Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	5.2	72	36.5 (NS 35/7,5)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	20	400	0.08 - 4	28-12
Maximum bridge current	24 (FBS) / 17.5 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	400	600	300	-
Nominal current / cross section	20 / 2.5 16 / - 16 / - - / -			

Ordering data			
Description	Color	Type	Order No.
Terminal block	gray blue	ST 2,5-TWIN-MT ST 2,5-TWIN-MT BU	3036356 3037821
			Pcs./Pkt. 50 50

Accessories ¹⁾			
Cover, width: 2.2 mm	gray	D-ST 2,5-QUATTRO	3030514
			50

Knife disconnect terminal blocks

Notes:
 1) For additional accessories and technical data, see page 210.



20 A, knife disconnect terminal block, 4 connections



Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	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	0.08 - 4	28-12
Maximum bridge current	24 (FBS) / 17.5 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	400	600	300	-
Nominal current / cross section	20 / 2.5 16 / - 16 / - - / -			

Ordering data			
Description	Color	Type	Order No.
Terminal block	gray blue	ST 2,5-QUATTRO-MT ST 2,5-QUATTRO-MT BU	3036576 3037834
			Pcs./Pkt. 50 50

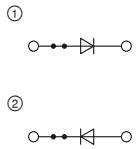
Accessories ¹⁾			
Cover, width: 2.2 mm	gray	D-ST 2,5-QUATTRO-MT	3038590
			50

Terminal blocks – CLIPLINE complete

2.5 mm² ST spring-cage connection terminal blocks

Diode terminal blocks

Notes:
 1) For additional accessories and technical data, see page 210.



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



Technical data ¹⁾				
Width	Length	Height		
5.2	48.5	36.5 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
0.5	800	0.08 - 4	28-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	600	600	-	
Nominal current / cross section [A] / [mm ²]				
0.5 / 1		1 / -	1 / -	- / -

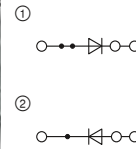
Ordering data			
Type	Order No.	Pcs./Pkt.	
ST 2,5-DIO/L-R	① 3036262	50	
ST 2,5-DIO/R-L	② 3036518	50	

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

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

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

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



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



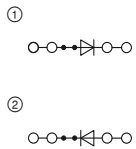
Technical data ¹⁾				
Width	Length	Height		
5.2	60.5	36.5 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
0.5	800	0.08 - 4	28-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	600	600	-	
Nominal current / cross section [A] / [mm ²]				
0.5 / 1		20 / -	- / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
ST 2,5-TWIN-DIO/L-R	① 3036246	50	
ST 2,5-TWIN-DIO/R-L	② 3036521	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 210.
 2) The max. current is determined by the diode. Integrated: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A



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



Technical data ¹⁾				
Width	Length	Height		
5.2	72	36.5 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
0.5 ²⁾	800	0.08 - 4	28-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	600	600	-	
Nominal current / cross section [A] / [mm ²]				
0.5 / 1		20 / -	- / -	- / -

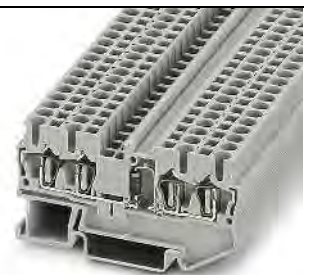
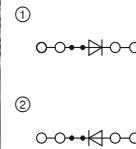
Ordering data			
Type	Order No.	Pcs./Pkt.	
ST 2,5-QUATTRO-DIO/L-R	① 3036233	50	
ST 2,5-QUATTRO-DIO/R-L	② 3036534	50	

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

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

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

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



**1.5 A, diode terminal block,
1N 5408 (1000 V/1.5 A), 4 connections**



Technical data ¹⁾				
Width	Length	Height		
5.2	72	36.5 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
1.5	800	0.08 - 4	-	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	-	-	-	
Nominal current / cross section [A] / [mm ²]				
1.5 / 1		- / -	- / -	- / -

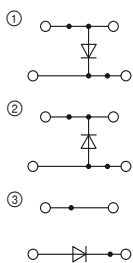
Ordering data			
Type	Order No.	Pcs./Pkt.	
ST 2,5-QUATTRO-DIO 1N 5408K/L-R	① 3002216	50	
ST 2,5-QUATTRO-DIO 1N 5408K/R-L	② 3002214	50	

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

2.5 mm² ST spring-cage connection terminal blocks

Diode terminal blocks

Notes:
 1) For additional accessories and technical data, see page 210.



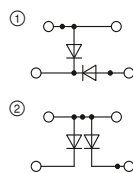
26 A, double-level diode terminal block, 1N 4007 (1300 V/0.5 A)



Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	5.2	67.5	47.5 (NS 35/7,5)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	26	500	0.08 - 4	28-12
	20 (FBS) / 17.5 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	500	600	300	-
Nominal current / cross section	22 / 2.5	20 / -	- / -	- / -

Ordering data				
Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block, for conducting direction see circuit diagram	gray	STTB 2,5-DIO/O-U	① 3031555	50
	gray	STTB 2,5-DIO/U-O	② 3031563	50
	gray	STTB 2,5-DIO/UL-UR	③ 3031571	50

Accessories ¹⁾				
Cover, width: 2.2 mm	gray	D-STTB 2,5	3030459	50



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



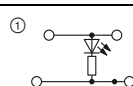
Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	5.2	67.5	47.5 (NS 35/7,5)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	26	250	0.08 - 4	28-12
	20 (FBS) / 17.5 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	250	600	300	-
Nominal current / cross section	22 / 2.5	20 / -	- / -	- / -

Ordering data				
Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block, for conducting direction see circuit diagram	gray	STTB 2,5-2DIO/O-UL/UR-UL	① 3031584	50
	gray	STTB 2,5-2DIO/O-UL/O-UR	② 3031597	50

Accessories ¹⁾				
Cover, width: 2.2 mm	gray	D-STTB 2,5	3030459	50

Double-level terminal blocks with LED display

Notes:
 1) For additional accessories and technical data, see page 210.
 2) The operating voltage is determined by the LED version.



26 A, double-level terminal block with LED display



Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	5.2	67.5	47.5 (NS 35/7,5)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	26	250 ²⁾	0.08 - 4	28-12
	20 (FBS) / 17.5 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	250 ²⁾	600	-	-
Nominal current / cross section	22 / 2.5	20 / -	- / -	- / -

Ordering data				
Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block, with LED for 12 - 30 V DC, 0.7 - 2.4 mA	gray	STTB 2,5-LA 24 RD	① 3031607	50
with LED display for 30 - 60 V DC, 0.8 - 1.8 mA	gray	STTB 2,5-LA 60 RD	① 3031610	50
with LED display for 110 - 230 V AC/DC, 0.1 - 0.5 mA	gray	STTB 2,5-LA230	① 3031623	50

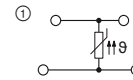
Accessories ¹⁾				
Cover, width: 2.2 mm	gray	D-STTB 2,5	3030459	50

Terminal blocks – CLIPLINE complete

2.5 mm² ST spring-cage connection terminal blocks

Double-level terminal blocks with temperature sensor

Notes:
 1) For additional accessories and technical data, see page 210.



26 A, double-level terminal block with temperature sensor

ERC

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

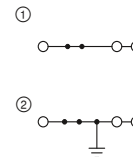
Description	Color
Terminal block, with integrated Pt 100 temperature sensor and fitted cover	gray

Technical data ¹⁾			
Width	Length	Height	
7.4	67.5	47.5 (NS 35/7,5)	
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
26	500	0.08 - 4	-
IEC	UL / CUL	CSA	Ex
22 / 2.5	- / -	- / -	- / -

Ordering data		
Type	Order No.	Pcs./Pkt.
STTB 2,5-PT100 MD	3035564	50

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

Notes:
 1) For additional accessories and technical data, see page 210.
 2) For screw connection rated data, visit phoenixcontact.net/products



28 A, feed-through terminal block, 3 connections

ERC

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

Description	Color
Terminal block	gray
Ground terminal	green-yellow

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

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)
28	800	0.08 - 4	28-12
24 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
800	600	600	-
24 / 2.5	20 / -	20 / -	- / -

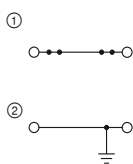
Ordering data		
Type	Order No.	Pcs./Pkt.
STU 2,5-TWIN	3033016	50
STU 2,5-TWIN BU	3033029	50
STU 2,5-TWIN-PE	3033032	50

Accessories ¹⁾		
D-STU 2,5-TWIN	3033045	50

2.5 mm² ST spring-cage connection terminal blocks

Desk-design terminal blocks

Notes:
 1) For additional accessories and technical data, see page 210.
 For information on installation and using accessories for Ex applications, see page 678.



31 A, feed-through terminal block

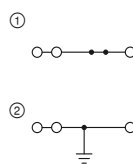
Ex: EAC Ex IEC Ex
 PTB 07ATEX1027U / IECEx PTB 07.0024U

Technical data ¹⁾				
Width	Length	Height		
5.2	50.8	43 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
31	800	0.08 - 4	28-12	
24 (FBS) / 17.5 (FBRSR)				
Rated data	IEC	UL / CUL	CSA	Ex
Maximum bridge current [A]	800	600	600	550
Rated voltage [V]	24 / 2.5	20 / -	20 / -	20.5 / 2.5
Nominal current / cross section [A] / [mm ²]				

Ordering data			
Type	Order No.	Pcs./Pkt.	
STS 2,5	① 3036398	50	
STS 2,5 BU	① 3036408	50	
STS 2,5-PE	② 3036411	50	

Accessories ¹⁾		
D-ST5 2,5	Order No.	Pcs./Pkt.
D-ST5 2,5	3031762	50

Dimensions	[mm]
Width	5.2
Length	50.8
Height	43 (NS 35/7,5)
Maximum electrical data	
I _{max} [A]	31
U _{max} [V]	24 (FBS) / 17.5 (FBRSR)
Rated data	
Rated voltage [V]	24 / 2.5
Nominal current / cross section [A] / [mm ²]	20 / -
Description	Color
Terminal block	gray
Ground terminal	green-yellow
Cover, width: 2.2 mm	gray



28 A, feed-through terminal block, 3 connections

Ex: EAC Ex IEC Ex
 PTB 07ATEX1027U / IECEx PTB 07.0024U

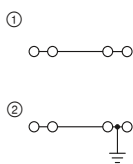
Technical data ¹⁾				
Width	Length	Height		
5.2	50.8	43 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
28	800	0.08 - 4	28-12	
24 (FBS) / 17.5 (FBRSR)				
Rated data	IEC	UL / CUL	CSA	Ex
Maximum bridge current [A]	800	600	600	550
Rated voltage [V]	24 / 2.5	20 / -	20 / -	21 / 2.5
Nominal current / cross section [A] / [mm ²]				

Ordering data			
Type	Order No.	Pcs./Pkt.	
STS 2,5-TWIN	① 3031720	50	
STS 2,5-TWIN BU	① 3036275	50	
STS 2,5-TWIN-PE	② 3031733	50	

Accessories ¹⁾		
D-ST5 2,5	Order No.	Pcs./Pkt.
D-ST5 2,5	3031762	50

Desk-design terminal blocks

Notes:
 1) For additional accessories and technical data, see page 210.
 For information on installation and using accessories for Ex applications, see page 678.



28 A, feed-through terminal block, 4 connections

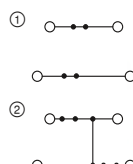
Ex: EAC Ex IEC Ex
 PTB 07ATEX1027U / IECEx PTB 07.0024U

Technical data ¹⁾				
Width	Length	Height		
5.2	50.8	43 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
28	800	0.08 - 4	28-12	
22 (FBS) / 17.5 (FBRSR)				
Rated data	IEC	UL / CUL	CSA	Ex
Maximum bridge current [A]	800	600	600	550
Rated voltage [V]	24 / 2.5	20 / -	20 / -	20.5 / 2.5
Nominal current / cross section [A] / [mm ²]				

Ordering data			
Type	Order No.	Pcs./Pkt.	
STS 2,5-QUATTRO	① 3031746	50	
STS 2,5-QUATTRO BU	① 3036288	50	
STS 2,5-QUATTRO-PE	② 3031759	50	

Accessories ¹⁾		
D-ST5 2,5	Order No.	Pcs./Pkt.
D-ST5 2,5	3031762	50

Dimensions	[mm]
Width	5.2
Length	50.8
Height	43 (NS 35/7,5)
Maximum electrical data	
I _{max} [A]	28
U _{max} [V]	24 (FBS) / 17.5 (FBRSR)
Rated data	
Maximum bridge current [A]	800
Rated voltage [V]	24 / 2.5
Nominal current / cross section [A] / [mm ²]	20 / -
Description	Color
Terminal block	gray
With potential distribution	gray
Ground terminal	green-yellow
Cover, width: 2.2 mm	gray



26 A, double-level terminal block

Ex: EAC Ex IEC Ex
 PTB 07ATEX1027U / IECEx PTB 07.0024U

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)	
26	500	0.08 - 4	28-12	
22 (FBS) / 17.5 (FBRSR)				
Rated data	IEC	UL / CUL	CSA	Ex
Maximum bridge current [A]	500	600	300	440
Rated voltage [V]	22 / 2.5	20 / -	20 / -	19.5 / 2.5
Nominal current / cross section [A] / [mm ²]				

Ordering data			
Type	Order No.	Pcs./Pkt.	
STTBS 2,5	① 3038464	50	
STTBS 2,5 BU	① 3038493	50	
STTBS 2,5-PV	② 3038477	50	
STTBS 2,5-PV BU	② 3035289	50	
STTBS 2,5-PE	③ 3038480	50	

Accessories ¹⁾		
D-STBS 2,5	Order No.	Pcs./Pkt.
D-STBS 2,5	3038503	50

Terminal blocks – CLIPLINE complete

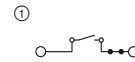
2.5 mm² ST spring-cage connection terminal blocks

Desk-design disconnect and knife disconnect terminal blocks

Notes:
 1) For additional accessories and technical data, see page 210.
 2) Current and voltage are determined by the plug used.



20 A, disconnect terminal block



20 A, knife disconnect terminal block

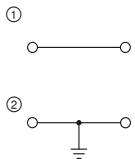


		Technical data ¹⁾			
Dimensions	[mm]	Width	Length	Height	
		5.2	50.8	43 (NS 35/7,5)	
Maximum electrical data		I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
		20 ²⁾	400 ²⁾	0.08 - 4	28-12
Maximum bridge current	[A]	16 (FBS) / 16 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	400 ²⁾	300	300	-
Nominal current / cross section	[A] / [mm ²]	20 ²⁾ / 2.5	16 / -	16 / -	- / -
		Ordering data			
Description	Color	Type	Order No.	Pcs./Pkt.	
Terminal block	gray blue	STS 2,5-TG	3037009	50	
		Accessories ¹⁾			
Cover, width: 2.2 mm	gray	D-ST5 2,5	3031762	50	

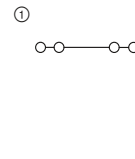
		Technical data ¹⁾			
Dimensions	[mm]	Width	Length	Height	
		5.2	50.8	43 (NS 35/7,5)	
Maximum electrical data		I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
		20	400	0.08 - 4	28-12
Maximum bridge current	[A]	16 (FBS) / 16 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	400	300	300	-
Nominal current / cross section	[A] / [mm ²]	20 / 2.5	16 / -	16 / -	- / -
		Ordering data			
Description	Color	Type	Order No.	Pcs./Pkt.	
Terminal block	gray blue	STS 2,5-MT STS 2,5-MT BU	3036990 3035425	50	
		Accessories ¹⁾			
Cover, width: 2.2 mm	gray	D-ST5 2,5	3031762	50	

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

Notes:
 1) For additional accessories and technical data, see page 210.
 For information on installation and using accessories for Ex applications, see page 678.



30 A, feed-through terminal block



30 A, feed-through terminal block, 4 connections

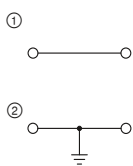


		Technical data ¹⁾			
Dimensions	[mm]	Width	Length	Height	
		5.2	32	30 (NS 15)	
Maximum electrical data		I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
		30	800	0.08 - 4	28-12
Maximum bridge current	[A]	-			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	600	600	690
Nominal current / cross section	[A] / [mm ²]	24 / 2.5	20 / -	20 / -	21 / 2.5
General data		Stripping length			
	[mm]	8			
		Ordering data			
Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.
Terminal block		gray blue	MSB 2,5 MSB 2,5 BU	3244012 3244025	50
Ground terminal		green-yellow	MSB 2,5-PE	3244151	50
		Accessories ¹⁾			
Cover, 4 mm width	gray	D-MZB 1,5	3024177	50	
Insertion bridge, fully insulated	2			gray	

		Technical data ¹⁾			
Dimensions	[mm]	Width	Length	Height	
		10.4	32	30 (NS 15)	
Maximum electrical data		I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
		30	800	0.08 - 4	28-12
Maximum bridge current	[A]	24			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	600	600	690
Nominal current / cross section	[A] / [mm ²]	24 / 2.5	20 / -	20 / -	21 / 2.5
General data		Stripping length			
	[mm]	8			
		Ordering data			
Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.
Terminal block		gray blue	MSDB 2,5 MSDB 2,5 BU	3244216 3244229	50
Ground terminal		green-yellow			50
		Accessories ¹⁾			
Cover, 4 mm width	gray	D-MZB 1,5	3024177	50	
Insertion bridge, fully insulated	2			gray	
		ESB 2-MZDB	24 A	3029703	10

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

Notes:
 1) For additional accessories and technical data, see page 210.
 For information on installation and using accessories for Ex applications, see page 678.



30 A, feed-through terminal block

UL, IEC, EAC, CB
 Ex: EAC Ex IEC
 PTB 08ATEX1075U / IECEx PTB 08.0048U

Technical data ¹⁾			
Width	Length	Height	
5.2	42.7	32 (NS 35/7,5)	
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
30	800	0.08 - 4	28-12
Maximum bridge current	-		
Rated data	IEC	UL / CUL	CSA Ex
Rated voltage	800	600	600 690
Nominal current / cross section	24 / 2.5	20 / -	20 / - 21 / 2.5
General data	Stripping length [mm]		
	8		

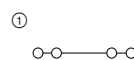
Ordering data			
Type	Order No.	Pcs./Pkt.	
MSB 2,5-NS 35	① 3244119	50	
MSB 2,5-NS 35 BU	① 3244122	50	
MSB 2,5-NS 35-PE	② 3244148	50	

Accessories ¹⁾		
D-MZB 1,5	3024177	50

Dimensions		
		[mm]
Maximum electrical data		
		[A]
Maximum bridge current		-
Rated data		
Rated voltage		[V]
Nominal current / cross section		[A] / [mm ²]
General data		
Stripping length		[mm]
		8

Description	No. of pos.	Color
Terminal block		gray blue
Ground terminal		green-yellow

Cover, 4 mm width	gray
Insertion bridge, fully insulated	gray
	2



30 A, feed-through terminal block, 4 connections

UL, IEC, EAC, CB
 Ex: EAC Ex IEC
 PTB 08ATEX1075U / IECEx PTB 08.0048U

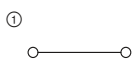
Technical data ¹⁾			
Width	Length	Height	
10.4	42.7	32 (NS 35/7,5)	
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
30	800	0.08 - 4	28-12
Maximum bridge current	-		
Rated data	IEC	UL / CUL	CSA Ex
Rated voltage	800	600	600 690
Nominal current / cross section	24 / 2.5	20 / -	20 / - 21 / 2.5
General data	Stripping length [mm]		
	8		

Ordering data		
Type	Order No.	Pcs./Pkt.
MSDB 2,5-NS 35	① 3244300	50
MSDB 2,5-NS 35 BU	① 3244313	50

Accessories ¹⁾		
D-MZB 1,5	3024177	50
ESB 2-MZDB	24 A 3029703	10

Feed-through and multi-conductor terminal blocks

Notes:
 1) For additional accessories and technical data, see page 210.
 For information on installation and using accessories for Ex applications, see page 678.



30 A, feed-through terminal block, for grouping

UL, IEC, EAC, CB
 Ex: EAC Ex IEC
 PTB 08ATEX1075U / IECEx PTB 08.0048U

Technical data ¹⁾			
Width	Length	Height	
5.2	32	22	
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
30	800	0.08 - 4	28-12
Rated data	IEC	UL / CUL	CSA Ex
Rated voltage	800	600	600 550
Nominal current / cross section	24 / 2.5	20 / -	20 / - 22 / 2.5
General data	Stripping length [mm]		
	8		

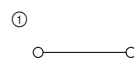
Ordering data			
Type	Order No.	Pcs./Pkt.	
MSB 2,5-M	① 3244067	50	
MSB 2,5-M BU	① 3244070	50	

Accessories ¹⁾		
D-MZB 1,5	3024177	50

Dimensions		
		[mm]
Maximum electrical data		
		[A]
Maximum bridge current		-
Rated data		
Rated voltage		[V]
Nominal current / cross section		[A] / [mm ²]
General data		
Stripping length		[mm]
		8

Description	Color
Terminal block	gray blue

Cover, 4 mm width	gray
-------------------	------



30 A, flange terminal block, for grouping

UL, IEC, EAC, CB
 Ex: EAC Ex IEC
 PTB 08ATEX1075U / IECEx PTB 08.0048U

Technical data ¹⁾			
Width	Length	Height	
5.2	32	22	
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
30	800	0.08 - 4	28-12
Rated data	IEC	UL / CUL	CSA Ex
Rated voltage	800	600	600 550
Nominal current / cross section	24 / 2.5	20 / -	20 / - 22 / 2.5
General data	Stripping length [mm]		
	8		

Ordering data		
Type	Order No.	Pcs./Pkt.
MSB 2,5-F	① 3244041	50
MSB 2,5-F BU	① 3244054	50

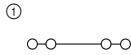
Accessories ¹⁾		
D-MSB 1,5-F	3024180	50

Terminal blocks – CLIPLINE complete

2.5 mm² ST spring-cage connection terminal blocks

Feed-through and multi-conductor terminal blocks

Notes:
 1) For additional accessories and technical data, see page 210.
 For information on installation and using accessories for Ex applications, see page 678.



30 A, feed-through terminal block, for grouping, 4 connections



Ex: EAC Ex IEC Ex CB
 PTB 08ATEX1075U / IECEx PTB 08.0048U

Technical data¹⁾

Dimensions	[mm]
Width	10.4
Length	32
Height	22
Maximum electrical data	
I_{max} [A]	30
U_{max} [V]	800
max. Ø [mm ²]	0.08 - 4
AWG (UL)	28-12
Maximum bridge current	24 [A]
Rated data	
Rated voltage	800 [V]
Nominal current / cross section	24 / 2.5 [A] / [mm ²]
General data	
Stripping length	8 [mm]

Width	10.4	Length	32	Height	22
I_{max} [A]	30	U_{max} [V]	800	max. Ø [mm ²]	0.08 - 4
AWG (UL)	28-12	IEC	UL / CUL	CSA	Ex
Rated voltage	800	Nominal current / cross section	24 / 2.5		

Ordering data

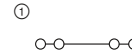
Description	No. of pos.	Color
Terminal block		gray blue

Type	Order No.	Pcs./Pkt.
MSDB 2,5-M	3244258	50
MSDB 2,5-M BU	3244261	50

Accessories¹⁾

Cover, 4 mm width	gray
Insertion bridge, fully insulated	2 gray

D-MZB 1,5	3024177	50
ESB 2-MZDB	3029703	10



30 A, flange terminal block, 4 connections, for grouping



Ex: EAC Ex IEC Ex CB
 PTB 08ATEX1075U / IECEx PTB 08.0048U

Technical data¹⁾

Dimensions	[mm]
Width	10.4
Length	32
Height	22
Maximum electrical data	
I_{max} [A]	30
U_{max} [V]	800
max. Ø [mm ²]	0.08 - 4
AWG (UL)	28-12
Maximum bridge current	24 [A]
Rated data	
Rated voltage	800 [V]
Nominal current / cross section	24 / 2.5 [A] / [mm ²]
General data	
Stripping length	8 [mm]

Width	10.4	Length	32	Height	22
I_{max} [A]	30	U_{max} [V]	800	max. Ø [mm ²]	0.08 - 4
AWG (UL)	28-12	IEC	UL / CUL	CSA	Ex
Rated voltage	800	Nominal current / cross section	24 / 2.5		

Ordering data

Description	No. of pos.	Color
Terminal block		gray blue

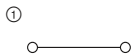
Type	Order No.	Pcs./Pkt.
MSDB 2,5-F	3244232	50
MSDB 2,5-F BU	3244245	50

Accessories¹⁾

D-MSB 1,5-F	3024180	50
ESB 2-MZDB	3029703	10

Feed-through and multi-conductor terminal blocks

Notes:
 1) For additional accessories and technical data, see page 210.
 For information on installation and using accessories for Ex applications, see page 678.



30 A, feed-through terminal block, with securing pin



Ex: EAC Ex IEC Ex CB
 PTB 08ATEX1075U / IECEx PTB 08.0048U

Technical data¹⁾

Dimensions	[mm]
Width	5.2
Length	32
Height	22
Maximum electrical data	
I_{max} [A]	30
U_{max} [V]	800
max. Ø [mm ²]	0.08 - 4
AWG (UL)	28-12
Maximum bridge current	- [A]
Rated data	
Rated voltage	800 [V]
Nominal current / cross section	24 / 2.5 [A] / [mm ²]
General data	
Stripping length	8 [mm]

Width	5.2	Length	32	Height	22
I_{max} [A]	30	U_{max} [V]	800	max. Ø [mm ²]	0.08 - 4
AWG (UL)	28-12	IEC	UL / CUL	CSA	Ex
Rated voltage	800	Nominal current / cross section	24 / 2.5		

Ordering data

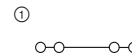
Description	No. of pos.	Color
Terminal block, for direct mounting		gray blue

Type	Order No.	Pcs./Pkt.
MSB 2,5-RZ	3244164	50
MSB 2,5-RZ BU	3244177	50

Accessories¹⁾

Cover, 4 mm width	gray
Insertion bridge, fully insulated	2 gray

D-MZB 1,5	3024177	50
ESB 2-MZDB	3029703	10



30 A, feed-through terminal block, 4 connections, with securing pin



Ex: EAC Ex IEC Ex CB
 PTB 08ATEX1075U / IECEx PTB 08.0048U

Technical data¹⁾

Dimensions	[mm]
Width	10.4
Length	32
Height	22
Maximum electrical data	
I_{max} [A]	30
U_{max} [V]	800
max. Ø [mm ²]	0.08 - 4
AWG (UL)	28-12
Maximum bridge current	24 [A]
Rated data	
Rated voltage	800 [V]
Nominal current / cross section	24 / 2.5 [A] / [mm ²]
General data	
Stripping length	8 [mm]

Width	10.4	Length	32	Height	22
I_{max} [A]	30	U_{max} [V]	800	max. Ø [mm ²]	0.08 - 4
AWG (UL)	28-12	IEC	UL / CUL	CSA	Ex
Rated voltage	800	Nominal current / cross section	24 / 2.5		

Ordering data

Description	No. of pos.	Color
Terminal block		gray blue

Type	Order No.	Pcs./Pkt.
MSDB 2,5-RZ	3244339	50
MSDB 2,5-RZ BU	3244342	50

Accessories¹⁾

D-MZB 1,5	3024177	50
ESB 2-MZDB	3029703	10

Feed-through and multi-conductor terminal blocks

Notes:
1) For additional accessories and technical data, see page 210.



30 A, feed-through terminal block, lateral conductor entry

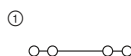


Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	5.2	32	30 (NS 15)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	30	800	0.08 - 4	28-12
Maximum bridge current	[A]	-		
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	800	600	600	-
Nominal current / cross section	[A] / [mm ²]	24 / 2.5	20 / -	20 / -
General data				
Stripping length	[mm]	8		

Ordering data			
Type	Order No.	Pcs./Pkt.	
MSBV 2,5	3249017	50	①
MSBV 2,5 BU	3249020	50	①

Accessories ¹⁾		
Type	Order No.	Pcs./Pkt.
D-MSBV 2,5	3251018	50

Description	No. of pos.	Color
Terminal block		gray blue
Cover, 4 mm width		gray
Insertion bridge, fully insulated	2	gray



30 A, feed-through terminal block, lateral conductor entry, 4 connections



Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	10.4	32	30 (NS 15)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	30	800	0.08 - 4	28-12
Maximum bridge current	[A]	24		
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	800	600	600	-
Nominal current / cross section	[A] / [mm ²]	24 / 2.5	20 / -	20 / -
General data				
Stripping length	[mm]	8		

Ordering data			
Type	Order No.	Pcs./Pkt.	
MSDBV 2,5	3249143	50	①
MSDBV 2,5 BU	3249156	50	①

Accessories ¹⁾		
Type	Order No.	Pcs./Pkt.
D-MSBV 2,5	3251018	50
ESB 2-MZDB	3029703	10

Feed-through and multi-conductor terminal blocks

Notes:
1) For additional accessories and technical data, see page 210.



30 A, feed-through terminal block, lateral conductor entry

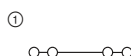


Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	5.2	42.7	32 (NS 35/7,5)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	30	800	0.08 - 4	28-12
Maximum bridge current	[A]	-		
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	800	600	600	-
Nominal current / cross section	[A] / [mm ²]	24 / 2.5	20 / -	20 / -
General data				
Stripping length	[mm]	8		

Ordering data			
Type	Order No.	Pcs./Pkt.	
MSBV 2,5-NS 35	3249088	50	①
MSBV 2,5-NS 35 BU	3249091	50	①

Accessories ¹⁾		
Type	Order No.	Pcs./Pkt.
D-MSBV 2,5	3251018	50

Description	No. of pos.	Color
Terminal block		gray blue
Cover, 4 mm width		gray
Insertion bridge, fully insulated	2	gray



30 A, feed-through terminal block, lateral conductor entry, 4 connections



Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	10.4	42.7	32 (NS 35/7,5)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	30	800	0.08 - 4	28-12
Maximum bridge current	[A]	24		
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	800	600	600	-
Nominal current / cross section	[A] / [mm ²]	24 / 2.5	20 / -	20 / -
General data				
Stripping length	[mm]	8		

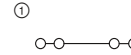
Ordering data			
Type	Order No.	Pcs./Pkt.	
MSDBV 2,5-NS 35	3249211	50	①
MSDBV 2,5-NS 35 BU	3249224	50	①

Accessories ¹⁾		
Type	Order No.	Pcs./Pkt.
D-MSBV 2,5	3251018	50
ESB 2-MZDB	3029703	10

Terminal blocks – CLIPLINE complete

2.5 mm² ST spring-cage connection terminal blocks

Feed-through and multi-conductor terminal blocks



Notes:
 1) For additional accessories and technical data, see page 210.



30 A, feed-through terminal block, for grouping



30 A, feed-through terminal block, for grouping, 4 connections



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		
5.2	32	22		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
30	800	0.08 - 4	28-12	
IEC	UL / CUL	CSA	Ex	
800	600	600	-	
24 / 2.5	20 / -	20 / -	- / -	
8				

Technical data ¹⁾			
Width	Length	Height	
10.4	32	22	
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
30	800	0.08 - 4	28-12
IEC	UL / CUL	CSA	Ex
800	600	600	-
24 / 2.5	20 / -	20 / -	- / -
8			

Description	No. of pos.	Color
Terminal block		gray blue

Ordering data		
Type	Order No.	Pcs./Pkt.
MSBV 2,5-M	3249062	50
MSBV 2,5-M BU	3249075	50

Ordering data		
Type	Order No.	Pcs./Pkt.
MSDBV 2,5-M	3249198	50
MSDBV 2,5-M BU	3249208	50

Accessories ¹⁾	
Cover, 4 mm width	gray
Insertion bridge, fully insulated	2 gray

Accessories ¹⁾	
Type	Order No.
D-MSBV 2,5	3251018

Accessories ¹⁾	
Type	Order No.
D-MSBV 2,5	3251018
ESB 2-MZDB	24 A 3029703

Terminal blocks – CLIPLINE complete

4 mm² ST spring-cage 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	28 - 10		
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve
1 conductor	[mm ²]	0.08 - 6	0.08 - 4	0.14 - 4 / 0.14 - 4
2 flexible conductors with a TWIN ferrule	[mm ²]	-	-	- / 0.5 - 1
General data				
Stripping length	[mm]	8 - 10		
Insulating material		PA		
Flammability rating in accordance with UL 94		VO		

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

Notes:



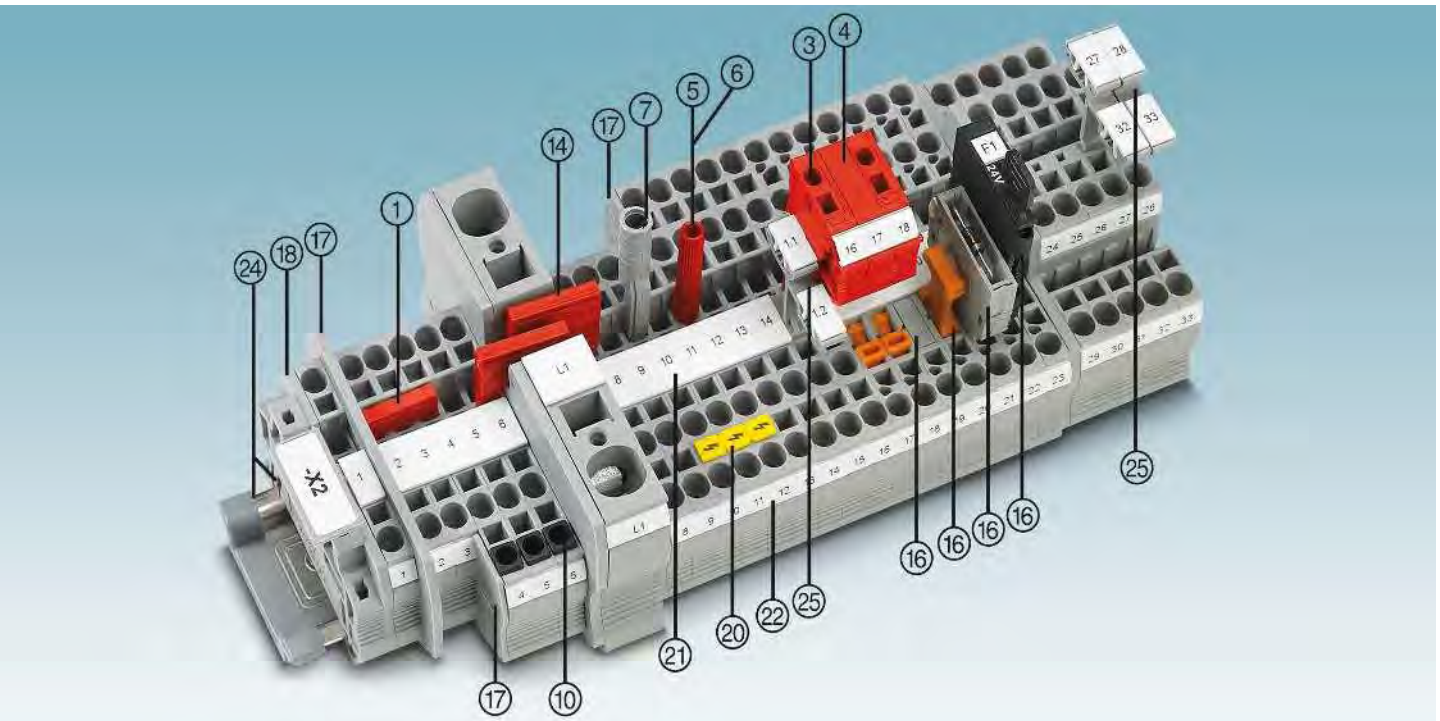
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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

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

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

System accessories



Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
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 Fuse and function plugs for disconnect terminal blocks	For P-FU ... / P-DI / P-FIX / P-CO ..., see from page 414.							
⑰ Partition plates/end cover segments	For ATP-... / DS-..., visit phoenixcontact.net/products							
⑱ Cover	Listed alongside the respective product.							
⑲ Warning labels	For WS ..., see page 420.							
⑳ Center groove labeling	UC-TM 6, UCT-TM 6 or ZB 6. See also Catalog 3, selection tables, from page 60.							
㉑ Center and side groove labeling	UC-TMF 6, UCT-TMF 6 or ZBF 6. See also Catalog 3, selection tables, from page 60.							
㉒ DIN rail and end bracket	See Catalog 3							
㉓ 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.							

4 mm² ST spring-cage connection terminal blocks

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

Notes:
 1) For additional accessories and technical data, see page 228.
 For information on installation and using accessories for Ex applications, see page 678.



40 A, feed-through terminal block

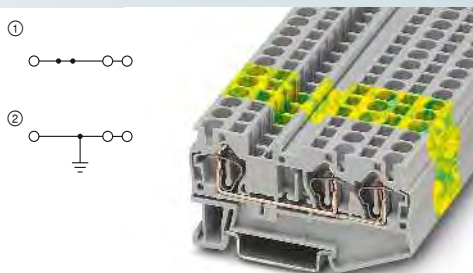
Ex: EAC Ex IEC IECEx
 KEMA 00ATEX2129U / IECEx KEM 06.0050U

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)
40	800	0.08 - 6	28-10
32 (FBS) / 24 (FBSR)			
IEC	UL / CUL	CSA	Ex
800	600	600	550
Nominal current / cross section	[A] / [mm ²]	32 / 4	30 / - 30 / 4

Ordering data			
Type	Order No.	Pcs./Pkt.	
ST 4	3031364	50	
ST 4 BU	3031377	50	
ST 4-PE	3031380	50	

Accessories ¹⁾		
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
Terminal block	gray
Ground terminal	blue
	green-yellow
Cover, width: 2.2 mm	gray



40 A, feed-through terminal block, 3 connections

Ex: EAC Ex IEC IECEx
 KEMA 00ATEX2129U / IECEx KEM 06.0050U

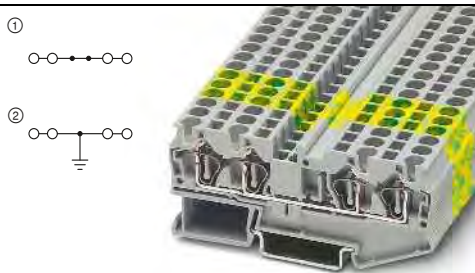
Technical data ¹⁾			
Width	Length	Height	
6.2	71.5	36.5 (NS 35/7,5)	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
40	800	0.08 - 6	28-10
32 (FBS) / 24 (FBSR)			
IEC	UL / CUL	CSA	Ex
800	600	600	550
Nominal current / cross section	[A] / [mm ²]	32 / 4	30 / - 30 / 4

Ordering data		
Type	Order No.	Pcs./Pkt.
ST 4-TWIN	3031393	50
ST 4-TWIN BU	3031403	50
ST 4-TWIN-PE	3031416	50

Accessories ¹⁾		
D-ST 4-TWIN	3030491	50

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

Notes:
 1) For additional accessories and technical data, see page 228.
 For information on installation and using accessories for Ex applications, see page 678.



40 A, feed-through terminal block, 4 connections

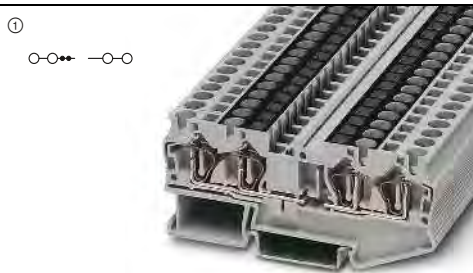
Ex: EAC Ex IEC IECEx
 KEMA 00ATEX2129U / IECEx KEM 06.0050U

Technical data ¹⁾			
Width	Length	Height	
6.2	87	36.5 (NS 35/7,5)	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
40	800	0.08 - 6	28-10
32 (FBS) / 24 (FBSR)			
IEC	UL / CUL	CSA	Ex
800	600	600	550
Nominal current / cross section	[A] / [mm ²]	32 / 4	30 / - 28.5 / 4

Ordering data		
Type	Order No.	Pcs./Pkt.
ST 4-QUATTRO	3031445	50
ST 4-QUATTRO BU	3031458	50
ST 4-QUATTRO-PE	3031461	50

Accessories ¹⁾		
D-ST 4-QUATTRO	3030527	50

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



37 A, feed-through terminal block, 4 connections, with interrupted current bar

Technical data ¹⁾			
Width	Length	Height	
6.2	87	36.5 (NS 35/7,5)	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
37	800	0.08 - 6	28-10
32 (FBS) / 24 (FBSR)			
IEC	UL / CUL	CSA	Ex
800	600	-	-
Nominal current / cross section	[A] / [mm ²]	28 / 4	30 / - - / -

Ordering data		
Type	Order No.	Pcs./Pkt.
ST 4-QUATTRO-U	3038639	50

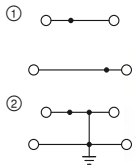
Accessories ¹⁾		
D-ST 4-QUATTRO	3030527	50

Terminal blocks – CLIPLINE complete

4 mm² ST spring-cage connection terminal blocks

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

Notes:
 1) For additional accessories and technical data, see page 228.
 For information on installation and using accessories for Ex applications, see page 678.



32 A, double-level terminal block

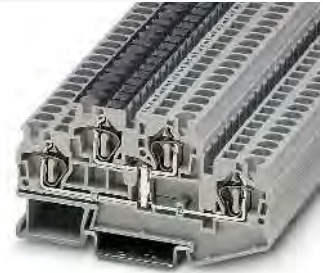
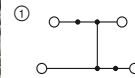
Ex: EAC Ex IEC Ex
 KEMA 00ATEX2129U / IECEx KEM 06.0050U

Technical data ¹⁾				
Dimensions	Width	Length	Height	
	6.2	83.5	47.5 (NS 35/7,5)	
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
	32	500	0.08 - 6	28-10
	26 (FBS) / 24 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
	500	600	300	440
Nominal current / cross section	30 / 4	30 / -	30 / -	26.5 / 4

Ordering data			
Type	Order No.	Pcs./Pkt.	
STTB 4	① 3031429	50	
STTB 4 BU	① 3031432	50	
STTB 4-PE	② 3036039	50	

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

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



32 A, double-level terminal block, with equipotential bonding

Ex: EAC Ex IEC Ex
 KEMA 00ATEX2129U / IECEx KEM 06.0050U

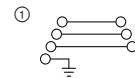
Technical data ¹⁾				
Dimensions	Width	Length	Height	
	6.2	83.5	47.5 (NS 35/7,5)	
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
	32	500	0.08 - 6	28-10
	22 (FBS) / 22 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
	500	600	300	440
Nominal current / cross section	30 / 4	30 / -	30 / -	26.5 / 4

Ordering data			
Type	Order No.	Pcs./Pkt.	
STTB 4-PV	① 3031542	50	

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

Multi-level terminal blocks

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



32 A, four-level terminal block with PE foot

Dimensions	
Width	6.2
Length	101
Height	83.5 (NS 35/7,5)
Maximum electrical data	
I _{max.} [A]	32
U _{max.} [V]	800
max. Ø [mm ²]	0.08 - 6
AWG (UL)	28-10
Rated data	
Rated voltage [V]	800
Nominal current / cross section [A] / [mm ²]	28 / 4

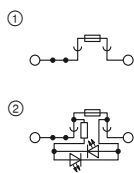
Description	Color
Terminal block	gray

Technical data ¹⁾				
Dimensions	Width	Length	Height	
	6.2	101	83.5 (NS 35/7,5)	
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
	32	800	0.08 - 6	28-10
Rated data	IEC	UL / CUL	CSA	Ex
	800	600	600	-
Nominal current / cross section	28 / 4	30 / -	30 / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
ST 4-PE/3L	① 3038338	50	

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

Notes:
1) For additional accessories and technical data, see page 228.
2) If the fuse is faulty, the downstream circuit is not off load.
3) The current is determined by the fuse used, the voltage by the selected LED display. Observe the maximum power dissipation, see phoenixcontact.net/products.
For the derating curve, see phoenixcontact.net/products

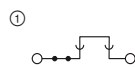


6.3 A, lever-type fuse terminal block for 5 x 20 mm cartridge fuses



Technical data ¹⁾			
Width	Length	Height	
6.2	61.5	62.5 (NS 35/7,5)	
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
6.3 ³⁾	500 ³⁾	0.08 - 6	28-10
32 (FBS) / 24 (FBSR)			
IEC	UL / CUL	CSA	Ex
500 ³⁾	300	300	-
Nominal current / cross section	[A] / [mm ²]		
6.3 ³⁾ / 1	10 / -	6.3 / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
ST 4-HESI (5X20)	① 3036369	50	
ST 4-HESILED 24 (5X20)	② 3036547	50	
ST 4-HESILED 60 (5X20)	② 3036550	50	
ST 4-HESILA 250 (5X20)	② 3036563	50	



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



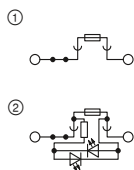
Technical data ¹⁾			
Width	Length	Height	
6.2	61.5	62.5 (NS 35/7,5)	
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
20	500	0.08 - 6	-
32 (FBS) / 24 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	-	-	-
Nominal current / cross section	[A] / [mm ²]		
20 / 2.5	- / -	- / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
ST 4-HEDI	① 3035140	50	

Dimensions	
	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Description	Color
Fuse terminal block	black
with LED for 12 ... 30 V DC, 0.31 ... 0.95 mA ²⁾	black
30 ... 60 V AC/DC, 0.40 ... 0.86 mA ²⁾	black
110 ... 250 V AC/DC, 0.41 ... 0.96 mA ²⁾	black
Disconnect terminal block	black/orange

Fuse terminal blocks

Notes:
1) For additional accessories and technical data, see page 228.
2) If the fuse is faulty, the downstream circuit is not off load.
3) For derating curve, visit phoenixcontact.net/products
4) The current is determined by the fuse used, the voltage by the selected LED display. Observe the maximum power dissipation, see phoenixcontact.net/products.
The recommended continuous load capacity of the fuse inserts in accordance with DIN 72581/Part 3 is max. 80 percent of their nominal current (at an ambient temperature of 23°C)
You can find a selection of matching thermal TCP circuit breakers in Catalog 4.

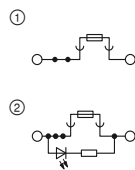


10 A, lever-type fuse terminal block for 6.3 x 32 mm cartridge fuses



Technical data ¹⁾			
Width	Length	Height	
8.2	76.5	69 (NS 35/7,5)	
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
10 ⁴⁾	400	0.08 - 6	28-10
41 (FBS) / 32 (FBSR)			
IEC	UL / CUL	CSA	Ex
400	300	300	-
Nominal current / cross section	[A] / [mm ²]		
10 ⁴⁾ / 1.5	15 / -	10 / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
ST 4-HESI (6,3X32)	① 3036385	50	
ST 4-HESILED 24 (6,3X32)	② 3038765	50	
ST 4-HESILA 250 (6,3X32)	② 3038778	50	



30 A, fuse terminal block for type C flat-type fuses



Technical data ¹⁾			
Width	Length	Height	
8.2	86.5	43.5 (NS 35/7,5)	
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
30 ³⁾	400 ⁴⁾	0.08 - 6	28-10
41 (FBS) / 32 (FBSR)			
IEC	UL / CUL	CSA	Ex
400 ⁴⁾	300	300	-
Nominal current / cross section	[A] / [mm ²]		
30 ³⁾ / 4	30 / -	10 / -	- / -

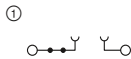
Ordering data			
Type	Order No.	Pcs./Pkt.	
ST 4-FSI/C	① 3036372	50	
ST 4-FSI/C-LED 12	② 3036495	50	
ST 4-FSI/C-LED 24	③ 3036505	50	

Terminal blocks – CLIPLINE complete

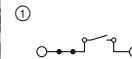
4 mm² ST spring-cage connection terminal blocks

Disconnect and knife disconnect terminal blocks

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



20 A, disconnect terminal block



20 A, knife disconnect terminal block



Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	6.2	61.5	36.5 (NS 35/7,5)	
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
	20 ²⁾	500 ²⁾	0.08 - 6	28-10
Maximum bridge current	20 (FBS) / 20 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	500 ²⁾	300	300	-
Nominal current / cross section	20 ²⁾ / 2.5	10 / -	16 / -	- / -

Ordering data			
Description	Type	Order No.	Pcs./Pkt.
Disconnect terminal block	ST 4-TG	3038367	50
Knife disconnect terminal block			

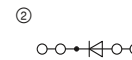
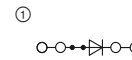


Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	6.2	61.5	36.5 (NS 35/7,5)	
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
	20	400	0.08 - 6	28-10
Maximum bridge current	20 (FBS) / 20 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	400	300	300	-
Nominal current / cross section	20 / 2.5	10 / -	16 / -	- / -

Ordering data			
Description	Type	Order No.	Pcs./Pkt.
Knife disconnect terminal block	ST 4-MT	3038875	50

Diode terminal blocks

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



1.5 A, diode terminal block,
 1N 5408 (1000 V/1.5 A), 4 connections



Dimensions	
Width	6.2
Length	87
Height	36.5 (NS 35/7,5)
Maximum electrical data	
I _{max.} [A]	1.5
U _{max.} [V]	800
max. Ø [mm ²]	0.08 - 6
AWG (UL)	-
Maximum bridge current	15 (FBS) / 15 (FBSR)
Rated data	IEC
Rated voltage	800
Nominal current / cross section	1.5 / 1

Ordering data	
Description	Type
Terminal block, for conducting direction see circuit diagram	ST 4-QUATTRO-DIO 1N 5408/L-R
	ST 4-QUATTRO-DIO 1N 5408/R-L

Cover, width: 2.2 mm	D-ST 4-QUATTRO
----------------------	----------------

Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	6.2	87	36.5 (NS 35/7,5)	
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
	1.5	800	0.08 - 6	-
Maximum bridge current	15 (FBS) / 15 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	800	-	-	-
Nominal current / cross section	1.5 / 1	- / -	- / -	- / -

Ordering data			
Description	Type	Order No.	Pcs./Pkt.
Terminal block, for conducting direction see circuit diagram	ST 4-QUATTRO-DIO 1N 5408/L-R	3037782	50
	ST 4-QUATTRO-DIO 1N 5408/R-L	3037795	50

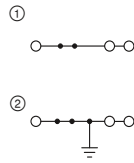
Accessories ¹⁾		
Cover, width: 2.2 mm	D-ST 4-QUATTRO	3030527

4 mm² ST spring-cage 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 228.
- 2) For screw connection rated data, see page 158.



38 A, feed-through terminal block, 3 connections



Technical data¹⁾

Width	Length	Height		
6.2	74.4	42.8 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm²]	AWG (UL)	
38	800	0.08 - 6	28-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	600	600		
Nominal current / cross section [A] / [mm²]	32 / 4	30 / -	30 / -	
Cross section range AWG	26 - 10	-	-	

Ordering data

Type	Order No.	Pcs./Pkt.
STU 4-TWIN	3033058	50
STU 4-TWIN BU	3033061	50
STU 4-TWIN-PE	3033074	50

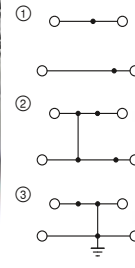
Accessories¹⁾

Type	Order No.	Pcs./Pkt.
D-STU 4-TWIN	3033087	50

Dimensions	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data ²⁾	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]
Cross section range	AWG

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

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



36 A, double-level terminal block



Technical data¹⁾

Width	Length	Height		
6.2	81	55.5 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm²]	AWG (UL)	
36	500	0.08 - 6	-	
26 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	-	-	-	
Nominal current / cross section [A] / [mm²]	30 / 4	- / -	- / -	
Cross section range	28 - 10	-	-	

Ordering data

Type	Order No.	Pcs./Pkt.
STTBU 4	3033155	50
STTBU 4 BU	3033168	50
STTBU 4-PV	3033184	50
STTBU 4-PE	3033171	50

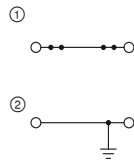
Accessories¹⁾

Type	Order No.	Pcs./Pkt.
D-STTBU 4	3033207	50

Desk-design terminal blocks

Notes:

- 1) For additional accessories and technical data, see page 228.
- For information on installation and using accessories for Ex applications, see page 678.



38 A, feed-through terminal block



Ex: EAC Ex IEC Ex
PTB 07ATEX1027U / IECEx PTB 07.0024U

Technical data¹⁾

Width	Length	Height		
6.2	64.5	43 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm²]	AWG (UL)	
38	800	0.08 - 6	28-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	600	600	550	
Nominal current / cross section [A] / [mm²]	32 / 4	30 / -	30 / -	
Cross section range			28.5 / 4	

Ordering data

Type	Order No.	Pcs./Pkt.
STS 4	3036424	50
STS 4 BU	3036437	50
STS 4-PE	3036440	50

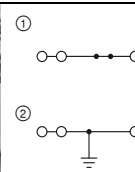
Accessories¹⁾

Type	Order No.	Pcs./Pkt.
D-STS 4	3031704	50

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

Description	Color
Terminal block	gray blue
Ground terminal	green-yellow

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



38 A, feed-through terminal block, 3 connections



Ex: EAC Ex IEC Ex
PTB 07ATEX1027U / IECEx PTB 07.0024U

Technical data¹⁾

Width	Length	Height		
6.2	64.5	43 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm²]	AWG (UL)	
38	800	0.08 - 6	28-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	600	600	550	
Nominal current / cross section [A] / [mm²]	32 / 4	30 / -	30 / -	
Cross section range			30 / 4	

Ordering data

Type	Order No.	Pcs./Pkt.
STS 4-TWIN	3031665	50
STS 4-TWIN BU	3036291	50
STS 4-TWIN-PE	3031678	50

Accessories¹⁾

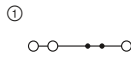
Type	Order No.	Pcs./Pkt.
D-STS 4	3031704	50

Terminal blocks – CLIPLINE complete

4 mm² ST spring-cage connection terminal blocks

Desk-design terminal blocks

Notes:
 1) For additional accessories and technical data, see page 228.
 For information on installation and using accessories for Ex applications, see page 678.



38 A, feed-through terminal block, 3 connections

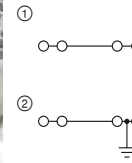


Technical data ¹⁾				
Dimensions	Width	Length	Height	
	6.2	64.6	43 (NS 35/7,5)	
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
	38	800	0.08 - 6	28-10
	32 (FBS) / 24 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
	800	600	-	-
Rated voltage	800 [V]			
Nominal current / cross section	32 / 4 [A] / [mm ²]			

Ordering data			
Type	Order No.	Pcs./Pkt.	
STS 4-TWIN/L	3036592	50	①
STS 4-TWIN/L BU	3036589	50	①

Accessories ¹⁾		
D-STBS 4-TWIN/L	Order No.	Pcs./Pkt.
D-STBS 4-TWIN/L	3036770	50

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



38 A, feed-through terminal block, 4 connections



Ex: EAC Ex IEC Ex
 PTB 07ATEX1027U / IECEx PTB 07.0024U

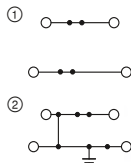
Technical data ¹⁾				
Dimensions	Width	Length	Height	
	6.2	64.5	43 (NS 35/7,5)	
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
	38	800	0.08 - 6	28-10
	32 (FBS) / 24 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
	800	600	600	550
Rated voltage	800 [V]			
Nominal current / cross section	32 / 4 [A] / [mm ²]			

Ordering data			
Type	Order No.	Pcs./Pkt.	
STS 4-QUATTRO	3031681	50	①
STS 4-QUATTRO BU	3036301	50	①
STS 4-QUATTRO-PE	3031694	50	②

Accessories ¹⁾		
D-STBS 4	Order No.	Pcs./Pkt.
D-STBS 4	3031704	50

Desk-design terminal blocks

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



34 A, double-level terminal block

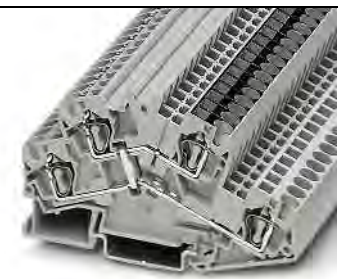
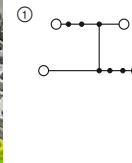


Technical data ¹⁾				
Dimensions	Width	Length	Height	
	6.2	92.4	55 (NS 35/7,5)	
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
	34	500	0.08 - 6	28-10
	28 (FBS) / 24 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
	500	600	600	-
Rated voltage	500 [V]			
Nominal current / cross section	28 / 4 [A] / [mm ²]			

Ordering data			
Type	Order No.	Pcs./Pkt.	
STTBS 4	3035056	50	①
STTBS 4 BU	3035069	50	①
STTBS 4-PE	3035072	50	②

Accessories ¹⁾		
D-STTBS 4	Order No.	Pcs./Pkt.
D-STTBS 4	3035098	50

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



34 A, double-level terminal block, with equipotential bonding



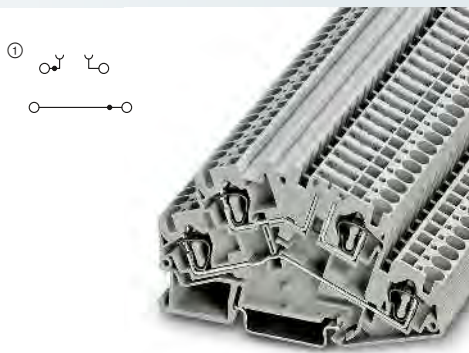
Technical data ¹⁾				
Dimensions	Width	Length	Height	
	6.2	92.4	55 (NS 35/7,5)	
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
	34	500	0.08 - 6	28-10
	28 (FBS) / 24 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
	500	600	600	-
Rated voltage	500 [V]			
Nominal current / cross section	28 / 4 [A] / [mm ²]			

Ordering data			
Type	Order No.	Pcs./Pkt.	
STTBS 4-PV	3035085	50	①

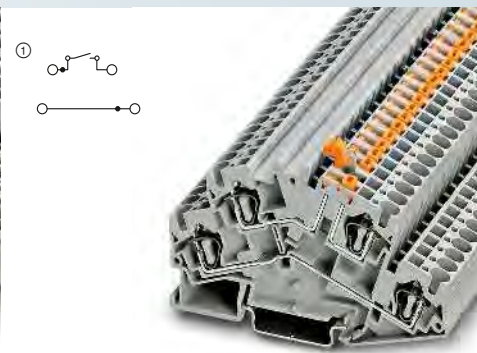
Accessories ¹⁾		
D-STTBS 4	Order No.	Pcs./Pkt.
D-STTBS 4	3035098	50

Desk-design disconnect and knife disconnect terminal blocks

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



34 A, double-level terminal block with disconnect zone



34 A, double-level knife disconnect terminal block



Technical data ¹⁾				
Width	Length	Height		
6.2	92.4	55 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
34 ³⁾	500 ²⁾	0.08 - 6	28-10	
28 (FBS) / 24 (FBSR)				
Rated data	IEC	UL / CUL	CSA	Ex
Maximum bridge current [A]	500 ²⁾	600	-	-
Rated voltage [V]	28 ²⁾ / 2.5	16 / -	- / -	- / -
Nominal current / cross section [A] / [mm ²]	20 (disconnect level)			

Ordering data			
Type	Order No.	Pcs./Pkt.	
STTBS 4-TG	3035483	50	

Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-STTBS 4-MT	3035548	50	



Technical data ¹⁾				
Width	Length	Height		
6.2	92.4	55 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
34 ³⁾	500	0.08 - 6	28-10	
28 (FBS) / 24 (FBSR)				
Rated data	IEC	UL / CUL	CSA	Ex
Maximum bridge current [A]	500	600	-	-
Rated voltage [V]	28 ²⁾ / 2.5	16 / -	- / -	- / -
Nominal current / cross section [A] / [mm ²]	20 (disconnect level)			

Ordering data			
Type	Order No.	Pcs./Pkt.	
STTBS 4-MT	3035470	50	
STTBS 4-MT BU	3035522	50	

Accessories ¹⁾			
Type	Order No.	Pcs./Pkt.	
D-STTBS 4-MT	3035548	50	

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

Terminal blocks – CLIPLINE complete

6 mm² ST spring-cage 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	24 - 8			
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	[mm ²]	0.2 - 10	0.2 - 6	0.25 - 6	0.25 - 6
2 flexible conductors with a TWIN ferrule	[mm ²]	-	-	-	0.5 - 1.5
General data					
Stripping length	[mm]	12			
Insulating material		PA			
Flammability rating in accordance with UL 94		VO			
Note: Additional or deviating data is listed alongside the respective product.					

Notes:



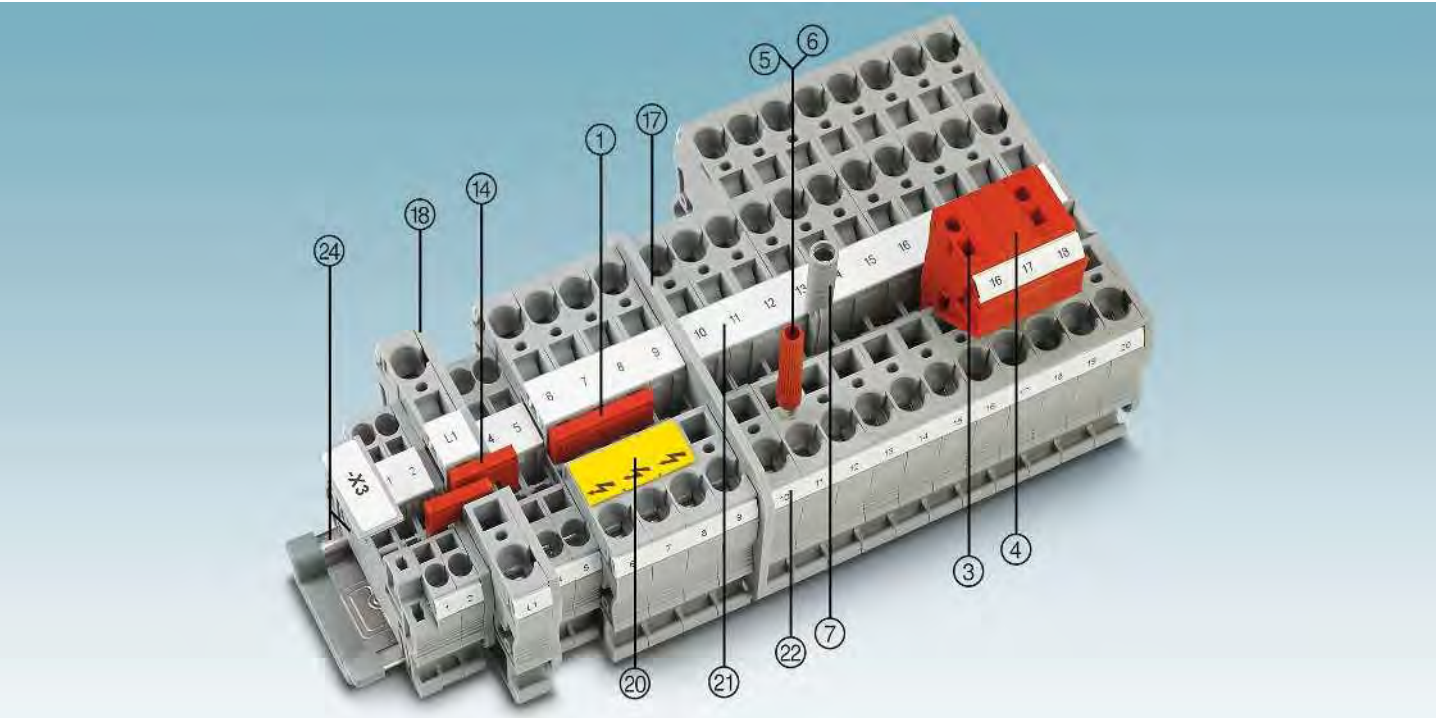
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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

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

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

System accessories



Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
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	FBS 16-8			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

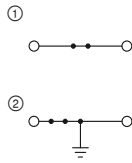
For RB ..., see page 408.
For ATP-... / DS-..., visit phoenixcontact.net/products
Listed alongside the respective product.
For WS ..., see page 420.
UC-TM 8, UCT-TM 8 or ZB 8. See also Catalog 3, selection tables, from page 60.
UC-TMF 8, UCT-TMF 8 or ZBF 8. See also Catalog 3, selection tables, from page 60.
See Catalog 3
Note: Additional or deviating accessories are listed alongside the respective product.

6 mm² ST spring-cage connection terminal blocks

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

Notes:

1) For additional accessories and technical data, see page 236.
For information on installation and using accessories for Ex applications, see page 678.



52 A, feed-through terminal block

Ex: EAC Ex IEC Ex
 KEMA 00ATEX2129U / IECEx KEM 06.0050U

Technical data¹⁾

Dimensions	Width	Length	Height
[mm]	8.2	69.5	43.5 (NS 35/7,5)
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²] AWG (UL)
	52	1000	0.2 - 10 24-8
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	50 / -	50 / - 36.5 / 6

Ordering data

Type	Order No.	Pcs./Pkt.
ST 6	① 3031487	50
ST 6 BU	① 3031490	50
ST 6-PE	② 3031500	50

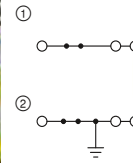
Accessories¹⁾

Type	Order No.	Pcs./Pkt.
D-ST 6	3030433	50

Dimensions	Width	Length	Height
[mm]	8.2	69.5	43.5 (NS 35/7,5)
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²] AWG (UL)
	52	1000	0.2 - 10 24-8
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	50 / -	50 / - 36.5 / 6

Description	Color
Terminal block	gray
Ground terminal	green-yellow

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



52 A, feed-through terminal block, 3 connections

Ex: EAC Ex IEC Ex
 KEMA 00ATEX2129U / IECEx KEM 06.0050U

Technical data¹⁾

Dimensions	Width	Length	Height
[mm]	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	0.2 - 10 24-8
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	50 / -	50 / - 36 / 6

Ordering data

Type	Order No.	Pcs./Pkt.
ST 6-TWIN	① 3036466	50
ST 6-TWIN BU	① 3036479	50
ST 6-TWIN-PE	② 3036482	50

Accessories¹⁾

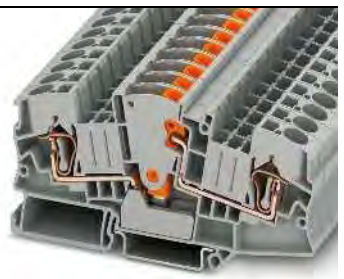
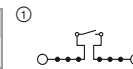
Type	Order No.	Pcs./Pkt.
D-ST 6-TWIN	3036767	50

Test disconnect terminal blocks

Notes:

1) For additional accessories and technical data, see page 236.

– Rated voltage of 1000 V



30 A, 1000 V, disconnect terminal block

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)
	30	1000	0.2 - 10 24-8
Maximum bridge current	30 (FBS) / 30 (FBSR) [A]		
Rated data	IEC	UL / CUL	CSA Ex
Rated voltage	1000	600	600 -
Nominal current / cross section	30 / 6	30 / -	30 / - - / -

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)
	30	1000	0.2 - 10 24-8
Maximum bridge current	30 (FBS) / 30 (FBSR) [A]		
Rated data	IEC	UL / CUL	CSA Ex
Rated voltage	1000	600	600 -
Nominal current / cross section	30 / 6	30 / -	30 / - - / -

Ordering data

Type	Order No.	Pcs./Pkt.
STME 6 HV	① 3035693	50
STME 6 HV BU	① 3035694	50

Type	Order No.	Pcs./Pkt.
STME 6 HV	① 3035693	50
STME 6 HV BU	① 3035694	50

Accessories¹⁾

Type	Order No.	Pcs./Pkt.
D-DTME 6	3034426	10

Type	Order No.	Pcs./Pkt.
D-DTME 6	3034426	10

Terminal blocks – CLIPLINE complete

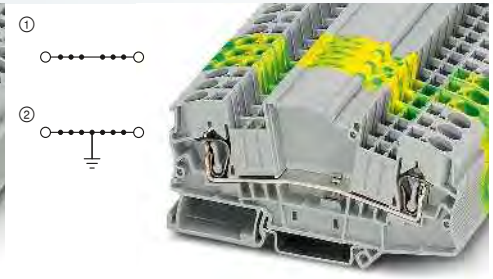
6 mm² ST spring-cage connection terminal blocks

Test disconnect terminal blocks

Notes:
 1) For additional accessories and technical data, see page 236.



30 A, test disconnect terminal block



41 A, feed-through terminal block, same shape



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

Ordering data		
Type	Order No.	Pcs./Pkt.
STME 6	3035700	50

Accessories ¹⁾		
D-DTME 6	Order No.	Pcs./Pkt.
D-DTME 6	3034426	10



Technical data ¹⁾				
Width	Length	Height		
8.2	100.8	49.6 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
41	1000	0.2 - 10	24-8	
30 (FBS) / 30 (FBSR)				
IEC	UL / CUL	CSA	Ex	
1000	600	600	-	
Nominal current / cross section [A] / [mm ²]				
41 / 6	30 / -	30 / -	- / -	

Ordering data		
Type	Order No.	Pcs./Pkt.
STMED 6	3035713	50
STMED 6-PE	3035726	50

Accessories ¹⁾		
D-DTME 6	Order No.	Pcs./Pkt.
D-DTME 6	3034426	10

Dimensions	
	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
30 / 6	30 / -
Description	
Test disconnect terminal block	gray
Feed-through terminal block	gray
Ground terminal	green-yellow
Cover, width: 2.2 mm	gray

Supplementary accessories for STME 6 test disconnect terminal blocks



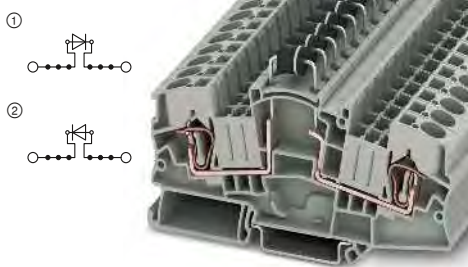
- A current transformer measuring circuit can be created using just two STME 6
- Less space required compared to creating circuits with slide-type terminal blocks
- ① FBS... plug-in bridge for cross connection
- ② 4 mm Ø PAI-4-FIX... test plug adapter
- ③ S-ME 6 switching lock
- ④ SB-ME... bridge bar
- 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
Switching lock , plug-in	1	gray
	1	brown
	1	white
Switching bridge , plug-in	2	gray/orange
	3	gray/orange
	4	gray/orange
	2	orange
Operating lever , for actuating 2 test disconnect terminal blocks	2	orange
	3	orange

Ordering data		
Type	Order No.	Pcs./Pkt.
PAI-4-FIX OG	3034455	10
PAI-4-FIX YE	3032745	10
PAI-4-FIX GN	3032758	10
PAI-4-FIX VT	3032761	10
PAI-4-FIX BK	3032774	10
PAI-4-FIX BU	3032729	10
PAI-4-FIX RD	3032732	10
PAI-4-FIX GY	3032790	10
PAI-4-FIX BN	3032787	10
S-ME 6	3034439	10
SB-ME 2-8	3034468	10
SB-ME 3-8	3032800	10
SB-ME 4-8	3034484	10
C-ME 6/2	3034442	10
C-ME 6/3	3034390	50

Diode terminal blocks

Notes:
1) For additional accessories and technical data, see page 236.
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.
Covers should ensure that the parts are not touched.



5 A, 1000 V, diode terminal block, same shape



Technical data ¹⁾				
Dimensions	Width	Length	Height	
	8.2	100.8	60 (NS 35/7,5)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	5 ²⁾	1000 ³⁾	0.2 - 10	24-8
	41 (FBS) / 32 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Maximum bridge current	[A]	1000 ³⁾		
Rated voltage	[V]	600	-	-
Nominal current / cross section	[A] / [mm ²]	5 ²⁾ / 6	- / -	- / -

Ordering data			
Description	Type	Order No.	Pcs./Pkt.
Terminal block, for conducting direction see circuit diagram	STME 6-DIO/L-R HV ①	3035691	50
Terminal block, component can be soldered in	STME 6-DIO/R-L HV ②	3035692	50

Accessories ¹⁾			
Cover, width: 2.2 mm	D-DTME 6	3034426	10
Spacer plate	DP-STMED 6	3035690	50

Dimensions	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Description	Color
Terminal block, for conducting direction see circuit diagram	gray
Terminal block, component can be soldered in	gray
Cover, width: 2.2 mm	gray
Spacer plate	gray



Terminal block, for soldering a component



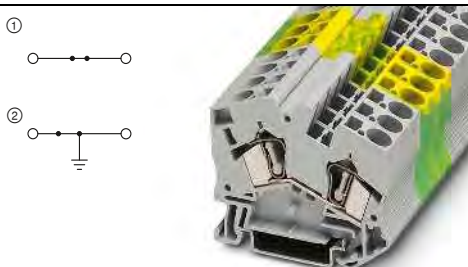
Technical data ¹⁾				
Dimensions	Width	Length	Height	
	8.2	100.8	60 (NS 35/7,5)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	5 ²⁾	500	0.2 - 10	-
	41 (FBS) / 32 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Maximum bridge current	[A]	500		
Rated voltage	[V]	600	-	-
Nominal current / cross section	[A] / [mm ²]	5 ²⁾ / 6	- / -	- / -

Ordering data			
Description	Type	Order No.	Pcs./Pkt.
Terminal block, for soldering a component	STME 6-BE ①	3035688	50

Accessories ¹⁾			
Cover, width: 2.2 mm	D-DTME 6	3034426	10
Spacer plate	DP-STMED 6	3035690	50

Desk-design terminal blocks

Notes:
1) For additional accessories and technical data, see page 236.



57 A, feed-through terminal block

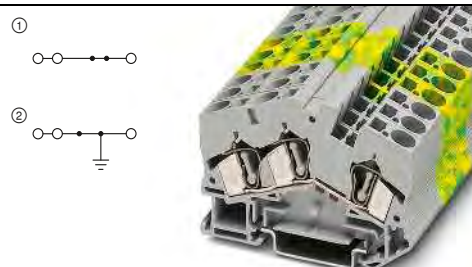


Technical data ¹⁾				
Dimensions	Width	Length	Height	
	8.2	58	50 (NS 35/7,5)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	57	800	0.2 - 10	24-8
	41 (FBS) / 32 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Maximum bridge current	[A]	800		
Rated voltage	[V]	600	-	-
Nominal current / cross section	[A] / [mm ²]	41 / 6	50 / -	- / -

Ordering data			
Description	Type	Order No.	Pcs./Pkt.
Terminal block	STS 6 ①	3038121	50
	STS 6 BU ①	3038134	50
Ground terminal	STS 6-PE ②	3038147	50

Accessories ¹⁾			
Cover, width: 2.2 mm	D-STTS 6	3038189	50

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



57 A, feed-through terminal block, 3 connections



Technical data ¹⁾				
Dimensions	Width	Length	Height	
	8.2	70	50 (NS 35/7,5)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	57	800	0.2 - 10	24-8
	41 (FBS) / 32 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Maximum bridge current	[A]	800		
Rated voltage	[V]	600	-	-
Nominal current / cross section	[A] / [mm ²]	41 / 6	50 / -	- / -

Ordering data			
Description	Type	Order No.	Pcs./Pkt.
Terminal block	STS 6-TWIN ①	3038150	50
	STS 6-TWIN BU ①	3038163	50
Ground terminal	STS 6-TWIN-PE ②	3038176	50

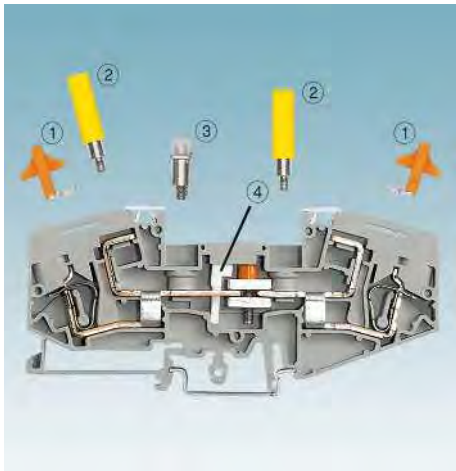
Accessories ¹⁾			
Cover, width: 2.2 mm	D-STTS 6-TWIN	3038202	50

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

Terminal blocks – CLIPLINE complete

6 mm² ST spring-cage connection terminal blocks

Test disconnect terminal blocks

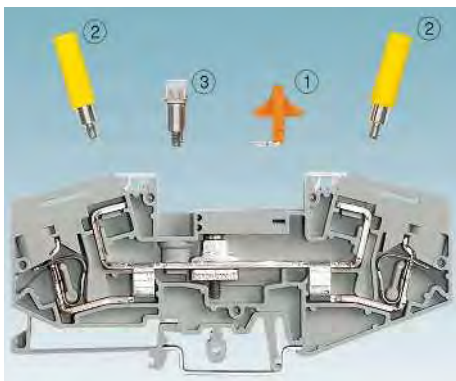


- The SRTK 6 measuring transducer disconnect terminal block and the SGSK 6 slide-type terminal block are specially designed for use in current transformer secondary circuits
- Only two SRTK 6 test disconnect terminal blocks are required for a current transformer measuring circuit
- Less space required compared to creating circuits with slide-type terminal blocks

- ① SB... switch bar
- ② 4 mm Ø test sockets PSBJ-URTK 6...
- ③ Fixed bridge for cross connection FBRI 10-8 N
- ④ Switching lock S-URTK/SP

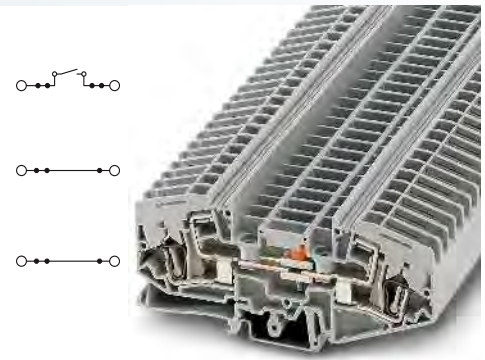
Slide-type terminal blocks

- Several measuring devices or protective relays can be connected individually using the SGSK 6 slide-type terminal block
- The slide can be connected with the switch bar depending on the switching tasks



SGSK 6 slide-type terminal block

Notes:
For technical data, see page 236
S-URTK/SP switching lock can only be used with SRTK 6.



45 A, test disconnect terminal block



Dimensions		[mm]
Maximum electrical data		
Rated data		
Rated voltage		[V]
Nominal current / cross section		[A] / [mm ²]
Connection capacity		
1 conductor		[mm ²]
2 flexible conductors with a TWIN ferrule		[mm ²]
General data		
Disconnect slide: Thread / torque		- / [Nm]
Torque: Test socket, fixed bridge, switch bar		[Nm]

Technical data			
Width	Length	Height NS 35/7,5	
8.2	113	49	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
45	400	0.2 - 10	18-8
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/EN 60079-7
400	300	-	-
41 / 6	40 / -	-	-
Connection capacity		Ferrule	
Rigid	Flexible	without/with plastic sleeve	
0.2 - 10	0.2 - 6	0.25 - 6	0.25 - 6
-	-	-	0.5 - 1.5
General data			
Disconnect slide: Thread / torque		M3 / 0.6 - 0.8	
Torque: Test socket, fixed bridge, switch bar		0.6 - 0.8	

Description	No. of pos.	Color
Test disconnect terminal block		gray
Slide-type terminal block		gray
Feed-through terminal block		gray

Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
SRTK 6		3029952	50
SGSK 6		3029965	50
SRDK 6		3029973	50

Accessories	No. of pos.	Color
Cover, width: 2 mm		gray
Switching bridge, complete		
	2	orange
	3	orange
	4	orange
for bridging between non-adjacent terminals	10	orange
Fixed bridge, isolated		
	10	silver
Switching lock, excludes the possibility of an unintentional operation of the disconnect slide		
		white
Test socket, insulated		transparent
		blue
		yellow
		green
		violet
		black
		gray
		brown
		red
Short-circuit plug, for short circuiting neighboring terminal blocks, fully insulated, 2-pos.		black
4-pos. Screwdriver		black
Center groove labeling		

Accessories	I _{max}	Order No.	Pcs./Pkt.
D-SRTK 6		3029981	10
SB 2-8-T	41 A	3026366	10
SB 3-8-T	41 A	3026492	10
SB 4-8-T	41 A	3026379	10
SB 10-8-T SO	41 A	3026395	10
FBRI 10-8 N	41 A	2772080	10
S-URTK/SP		0311155	50
PSBJ-URTK 6 FARBLOS		3026450	10
PSBJ-URTK 6 BU		3026434	10
PSBJ-URTK 6 YE		3026405	10
PSBJ-URTK 6 GN		3026418	10
PSBJ-URTK 6 VT		3026421	10
PSBJ-URTK 6 BK		3026447	10
PSBJ-URTK 6 GY		3026612	10
PSBJ-URTK 6 BN		3026971	10
PSBJ-URTK 6 RD		3026719	10
KSSI 2-8		3000722	10
KSSI 4-8		3000735	10
SZF 2-0,8X4,0		1204520	10
UC-TM 8, UCT-TM 8 or ZB 8 (see Catalog 3)			

Terminal blocks – CLIPLINE complete

10 mm² ST spring-cage connection terminal blocks

General technical data

Rated data		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm ²]	10			
Cross section range	AWG	24 - 6			
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	[mm ²]	0.2 - 16	0.2 - 10	0.25 - 10	0.25 - 10
2 flexible conductors with a TWIN ferrule	[mm ²]	-	-	-	1.5 - 2.5
General data					
Stripping length	[mm]	18			
Insulating material		PA			
Flammability rating in accordance with UL 94		VO			
Note: Additional or deviating data is listed alongside the respective product.					

Notes:



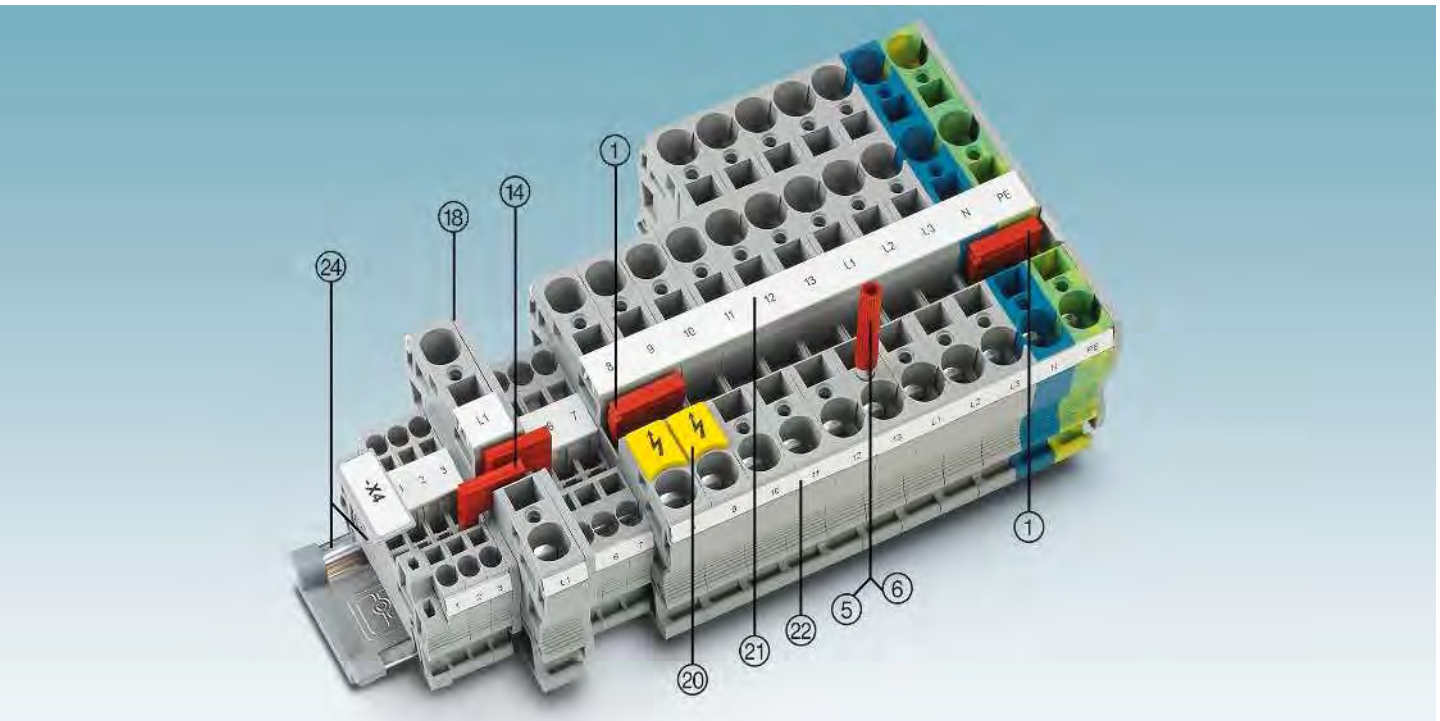
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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

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

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

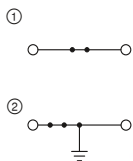
System accessories



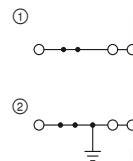
Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① Bridge ¹⁾	2	red	FBS 2-10	3005947	10			
⑤ Test plug metal part		gray	MPS-MT	0201744	10			
⑥ Insulating sleeve, for MPS metal part		red	MPS-IH RD	0201676	10			
Screwdriver			SZF 3-1,0X5,5	1206612	10			
⑭ Reducing bridge			For RB ..., see page 408.					
⑱ Cover			Listed alongside the respective product.					
⑳ Warning labels			For WS ..., see page 420.					
㉑ Center groove labeling			UC-TM 10, UCT-TM 10 or ZB 10. See also Catalog 3, selection tables, from page 60.					
㉒ Center and side groove labeling			UC-TMF 10, UCT-TMF 10 or ZBF 10. See also Catalog 3, selection tables, from page 60.					
㉔ DIN rail and end bracket			See Catalog 3					
For full accessories, visit phoenixcontact.net/products			Note: Additional or deviating accessories are listed alongside the respective product.					

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

Notes:
 1) For additional accessories and technical data, see page 242.
 For information on installation and using accessories for Ex applications, see page 678.



65 A, feed-through terminal block



57 A, feed-through terminal block, 3 connections



Ex: EAC Ex IEC Ex
 KEMA 01ATEX2260 U / IECEx KEM 06.0033U

Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	10.2	71.5	50.3 (NS 35/7,5)	
Maximum electrical data	I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
	65	1000	0.2 - 16	16-6
Maximum bridge current	57			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	1000	600	600	550
Nominal current / cross section	57 / 10	65 / -	65 / -	51 / 10

Ordering data			
Type	Order No.	Pcs./Pkt.	
Terminal block	ST 10	① 3036110	50
	ST 10 BU	① 3036123	50
Ground terminal	ST 10-PE	② 3036136	50

Accessories ¹⁾		
Type	Order No.	Pcs./Pkt.
Cover, width: 2.2 mm	D-ST 10	3036644 50



Technical data ¹⁾				
Dimensions	Width	Length	Height	
[mm]	10.2	95.4	50.3 (NS 35/7,5)	
Maximum electrical data	I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
	57	1000	0.2 - 16	16-6
Maximum bridge current	57			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	1000	600	600	-
Nominal current / cross section	57 / 10	60 / -	55 / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
Terminal block	ST 10-TWIN	① 3035288	25
	ST 10-TWIN BU	① 3035292	25
Ground terminal	ST 10-TWIN-PE	② 3035302	25

Accessories ¹⁾		
Type	Order No.	Pcs./Pkt.
Cover, width: 2.2 mm	D-ST 10-TWIN	3035315 50

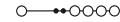
Terminal blocks – CLIPLINE complete

10 mm² ST spring-cage connection terminal blocks

Hybrid terminal blocks with screw connection on one side, 16 (16) mm²

Notes:

For additional accessories and technical data, see page 242.



57 A, potential collective terminal block, 4 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]
2 flexible conductors with a TWIN ferrule	[mm ²]
Rated data, spring-cage connection	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Cross section range	AWG
Connection capacity spring-cage connection	
1 conductor	[mm ²]
2 flexible conductors with a TWIN ferrule	[mm ²]
General data	
Stripping length	[mm]
Screw thread	
Tightening torque	[Nm]

Technical data				
Width	Length	Height NS 35/7,5		
10.3	68	48.3		
I_{max} [A]	U_{max} [V]	max. \varnothing [mm ²]	AWG (UL)	
57	800	0.5 - 16	20-8	
IEC 60947-7-1				
IEC	UL / CUL	CSA	IEC/ EN 60079-7	
800	600	-	-	
55 / 10	50 / -	-	-	
20 - 6	20-8	-	-	
Connection capacity screw connection		Ferrule		
Rigid	Flexible	without/with plastic sleeve		
1 conductor	0.5 - 16	0.5 - 16	0.5 - 10	0.5 - 10
2 conductors (of the same type)	0.5 - 4	0.5 - 4	0.5 - 2.5	-
2 flexible conductors with a TWIN ferrule	-	-	-	0.5 - 6
IEC 60947-7-1				
IEC	UL / CUL	CSA	IEC/ EN 60079-7	
800	600	-	-	
24 / 2.5	50 / -	-	-	
24 - 10	20-8	-	-	
Connection capacity spring-cage connection		Ferrule		
Rigid	Flexible	without/with plastic sleeve		
1 conductor	0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5
2 flexible conductors with a TWIN ferrule	-	-	-	0.14 - 0.5
8 - 10				
M4				
1.5 - 1.8				

Ordering data		
Description	No. of pos.	Color
Terminal block		gray blue
Pick-off terminal block , for snapping into the lateral guide		gray
Cover , width: 2.2 mm		gray
Plug-in bridge	2 3 4 5 10	red red red red red
Screwdriver		
Center and side groove labeling		

Ordering data			
Type	I_{max}	Order No.	Pcs./Pkt.
STU 10/ 4X2,5		3033139	50
STU 10/ 4X2,5 BU		3033142	50
Accessories			
AGK 4-UT 10		3047112	50
D-STU 10/ 4X2,5		3033197	50
FBS 2-5	24 A	3030161	50
FBS 3-5	24 A	3030174	50
FBS 4-5	24 A	3030187	50
FBS 5-5	24 A	3030190	50
FBS 10-5	24 A	3030213	10
SZF 2-0,8X4,0		1204520	10
UC-TM 10, UCT-TM 10 or ZB 10 (see Catalog 3)			

Terminal blocks – CLIPLINE complete

16 mm² ST spring-cage 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	24 - 4		
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve
1 conductor	[mm ²]	0.2 - 25	0.2 - 16	0.25 - 16 0.25 - 16
2 flexible conductors with a TWIN ferrule	[mm ²]	-	-	- 1.5 - 4
General data				
Stripping length	[mm]	18		
Insulating material		PA		
Flammability rating in accordance with UL 94		VO		

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

Notes:



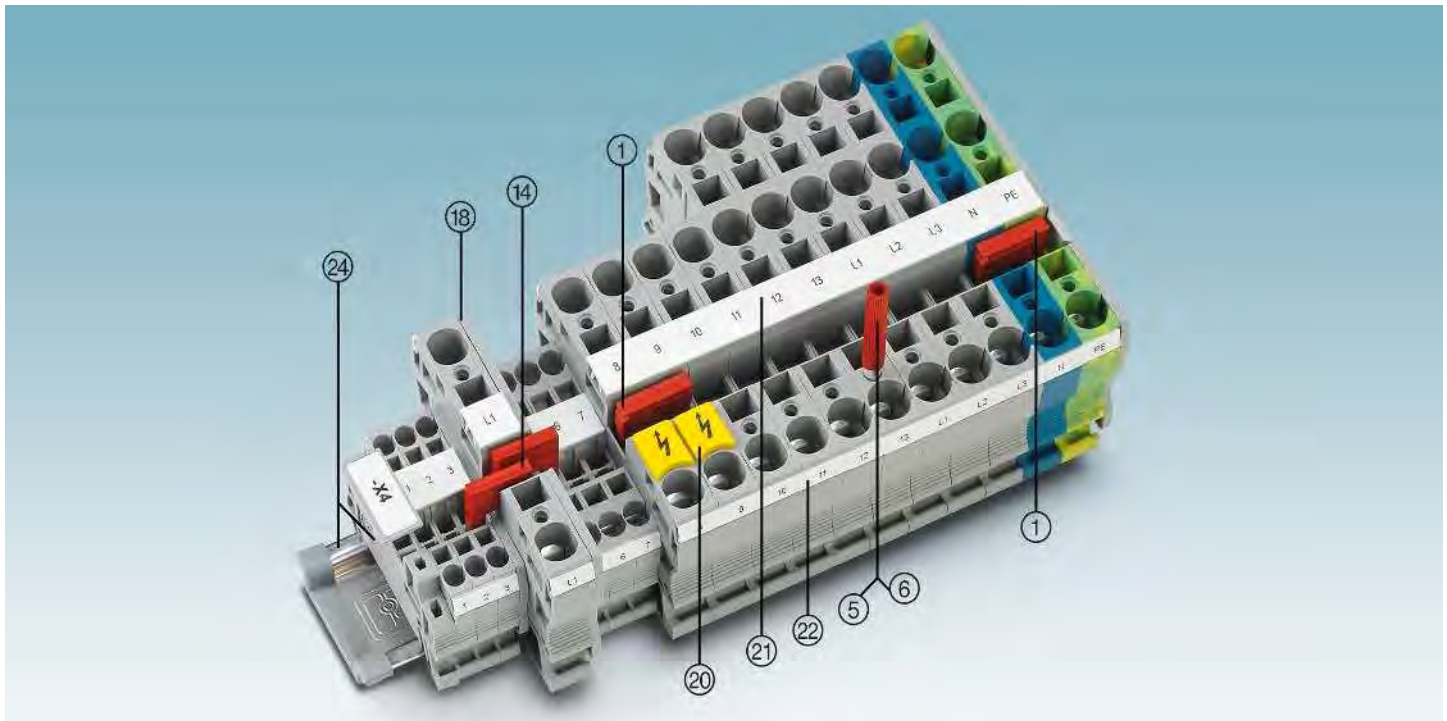
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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

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

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

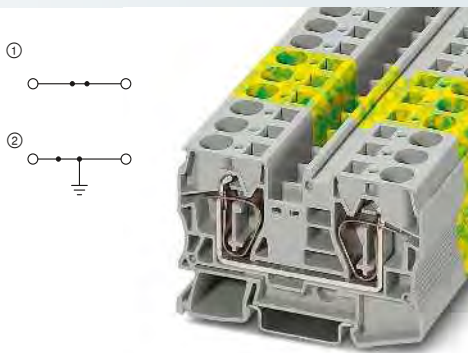
System accessories



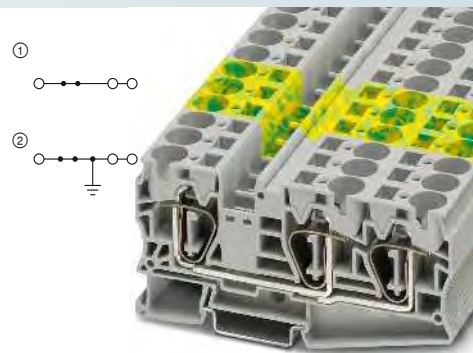
Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① Bridge ¹⁾	2	red	FBS 2-12	3005950	10			
⑤ Test plug metal part		gray	MPS-MT	0201744	10			
⑥ Insulating sleeve, for MPS metal part		red	MPS-IH RD	0201676	10			
Screwdriver			SZF 3-1,0X5,5	1206612	10			
⑭ Reducing bridge			For RB ..., see page 408.					
⑱ 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.					
㉔ DIN rail and end bracket			See Catalog 3					
For full accessories, visit phoenixcontact.net/products			Note: Additional or deviating accessories are listed alongside the respective product.					

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

Notes:
 1) For additional accessories and technical data, see page 246.
 For information on installation and using accessories for Ex applications, see page 678.



90 A, feed-through terminal block



76 A, feed-through terminal block, 3 connections

SP, c, UL, US, ENEC, VDE, IEC, Ex, KR, ClassNK, CB

Ex: EAC Ex IEC Ex KEMA 01ATEX2260 U / IECEx KEM 06.0033U

SP, c, UL, US, ENEC, VDE, IEC, Ex, CB

Technical data ¹⁾				
Dimensions	Width	Length	Height	
	12.2	80	51.5 (NS 35/7,5)	
Maximum electrical data	I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
	90	1000	0.2 - 25	16-4
Rated data	IEC	UL / CUL	CSA	Ex
	1000	600	600	550
Nominal current / cross section	76 / 16	85 / -	85 / -	64.5 / 16

Ordering data			
Type	Order No.	Pcs./Pkt.	
ST 16	3036149	①	50
ST 16 BU	3036152	①	50
ST 16-PE	3036165	②	25

Accessories ¹⁾		
D-ST 16	Order No.	Pcs./Pkt.
D-ST 16	3036657	50

Technical data ¹⁾				
Dimensions	Width	Length	Height	
	12.2	107.8	51.5 (NS 35/7,5)	
Maximum electrical data	I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
	76	1000	0.2 - 25	16-4
Rated data	IEC	UL / CUL	CSA	Ex
	1000	600	600	-
Nominal current / cross section	76 / 16	85 / -	75 / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
ST 16-TWIN	3035328	①	25
ST 16-TWIN BU	3035331	①	25
ST 16-TWIN-PE	3035344	②	25

Accessories ¹⁾		
D-ST 16-TWIN	Order No.	Pcs./Pkt.
D-ST 16-TWIN	3035357	50

Description	Color
Terminal block	gray blue
Ground terminal	green-yellow

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

Terminal blocks – CLIPLINE complete

35 mm² ST spring-cage connection 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	14 - 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]	-	-	- 2.5 - 10
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:



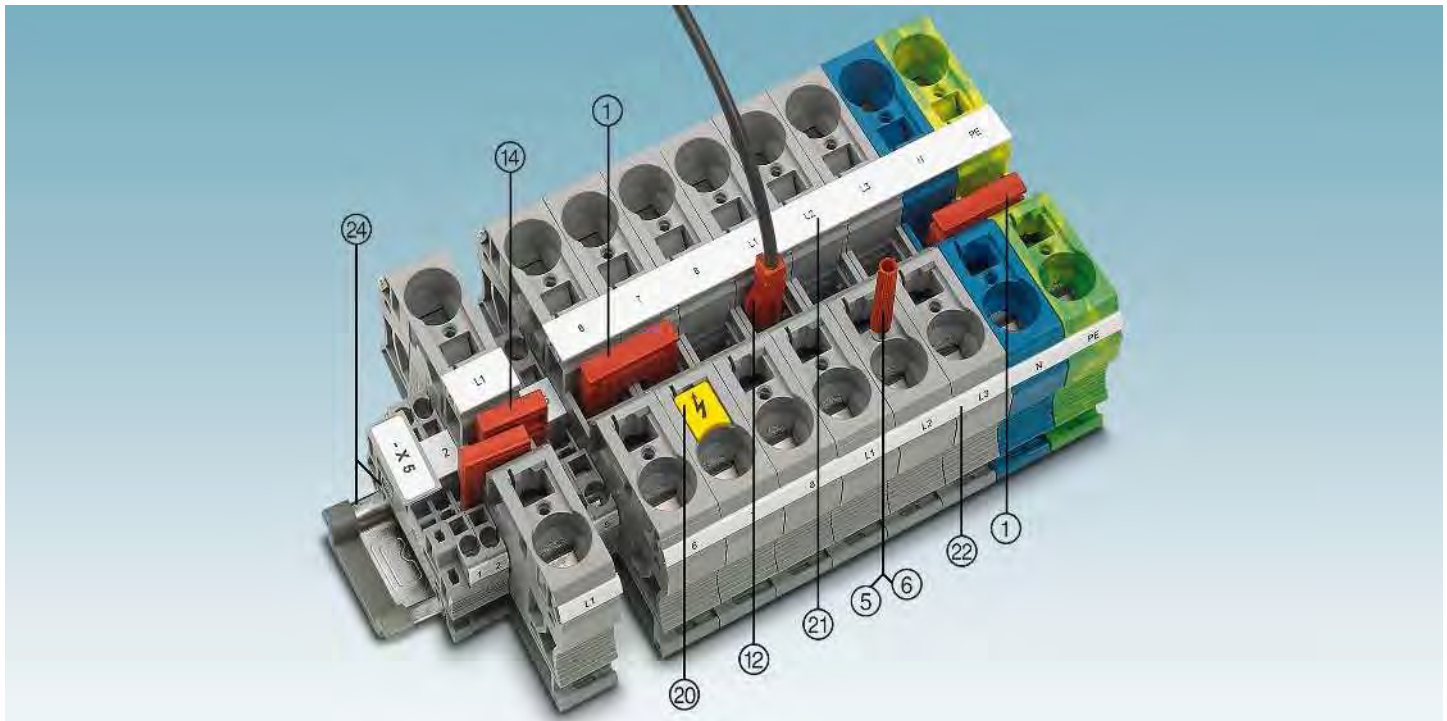
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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

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

System accessories



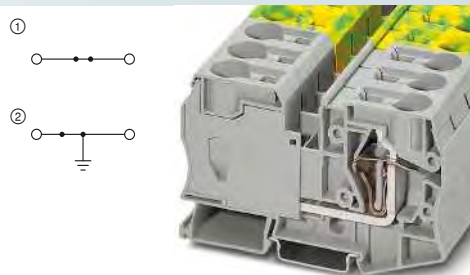
Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① Bridge ¹⁾	2	red	FBS 2-16	3005963	10			
⑤ Test plug metal part		gray	MPS-MT	0201744	10			
⑥ Insulating sleeve, for MPS metal part		red	MPS-IH RD	0201676	10			
⑫ Test plug, with 2.5 mm ² conductor		red	PAI-ST 35/1000MM	3029994	20			
Screwdriver			SZF 3-1.0X5,5	1206612	10			
⑭ Reducing bridge			For RB ..., see page 408.					
⑳ Warning labels			For WS ..., see page 420.					
㉑ Center groove labeling			UC-TM 16, UCT-TM 16 or ZB 16,3. See also Catalog 3, selection tables from page 60.					
㉒ Center and side groove labeling			UC-TMF 16, UCT-TMF 16 or ZBF 16. 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 and ground terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 248.

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



125 A, feed-through terminal block

Ex: EAC Ex IEC Ex

KEMA 01ATEX2260 U / IECEx KEM 06.0033U

Technical data¹⁾

Dimensions	Width	Length	Height		
	16	100	59 (NS 35/7,5)		
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. \varnothing [mm ²]	AWG (UL)	
Maximum bridge current	101	1000	2.5 - 35	14-2	
Rated data	IEC	UL / CUL	CSA	Ex	
Rated voltage	1000	600	600	690	
Nominal current / cross section	[A] / [mm ²]	125 / 35	115 / -	115 / -	107.5 / 35

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	gray	ST 35	^① 3036178	10
	blue	ST 35 BU	^① 3036181	10
Ground terminal	green-yellow	ST 35-PE	^② 3036194	10

Hybrid terminal blocks with screw connection on one side

– Rated voltage of 1000 V

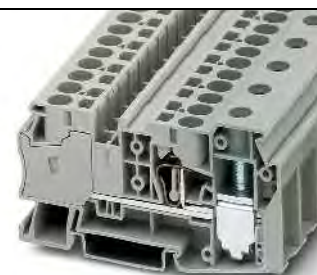
Notes:

¹⁾ The max. load current must not be exceeded by the total current of all connected conductors.

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

For screw connection rated data, visit phoenixcontact.net/products

For further plug-in bridges, see page 402.



125 A (screw connection), potential collective terminal block, 4 inputs 10 mm²

Technical data

Dimensions	Width	Length	Height NS 35/7,5		
	16.2	86	46.8		
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. \varnothing [mm ²]	AWG (UL)	
Rated data	41 ¹⁾	1000	0.2 - 10	14-2	
Rated voltage	IEC	UL / CUL	CSA	IEC / EN 60079-7	
Nominal current / cross section	[A] / [mm ²]	41 ¹⁾ / 6	115 / -	-	-
Cross section range	AWG	24 - 8	14-2	-	-
General data	Stripping length [mm]				
	12				

Ordering data

Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.
Terminal block		gray	STU 35/ 4X10	3033126	25
		blue	STU 35/ 4X10 BU	3033210	25

Accessories

Plug-in bridge	No. of pos.	Color	Type	Order No.	Pcs./Pkt.
2-pos.	2	red	FBS 2-8	3030284	10