

# 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 kinds of copper conductors up to 35 mm<sup>2</sup> 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.

## Product range overview

### 1.5 mm<sup>2</sup>

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals **167**

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

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals **171**

Initiator/actuator terminal blocks **174**

Disconnect and knife disconnect terminal blocks **176**

Diode terminal blocks **178**

Hybrid terminal blocks with screw connection on one side **180**

Desk-design terminal blocks **180**

Desk-design disconnect and knife disconnect terminal blocks **181**

Mini terminal blocks **182**

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

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals **187**

Fuse terminal blocks and lever-type disconnect terminal blocks of the same shape **189**

Disconnect and knife disconnect terminal blocks **190**

Diode terminal blocks **190**

Hybrid terminal blocks with screw connection on one side **191**

Desk-design terminal blocks **191**

Desk-design disconnect and knife disconnect terminal blocks **193**

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

Feed-through and multi-conductor terminal blocks and ground terminals **195**

Test disconnect terminal blocks **196**

Diode terminal blocks **197**

Desk-design terminal blocks **197**

Fuse terminal blocks **199**

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

Feed-through and multi-conductor terminal blocks and ground terminals **201**

Installation terminal blocks **201**

Hybrid terminal blocks with screw connection on one side **202**

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

Feed-through and multi-conductor terminal blocks and ground terminals **205**

Installation terminal blocks **205**

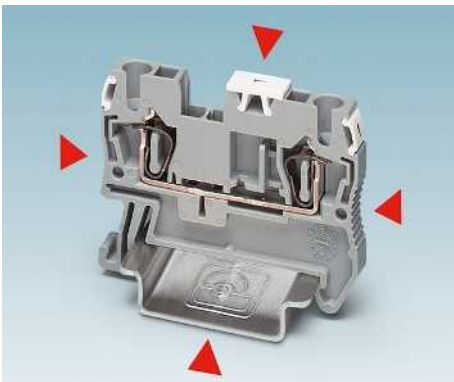
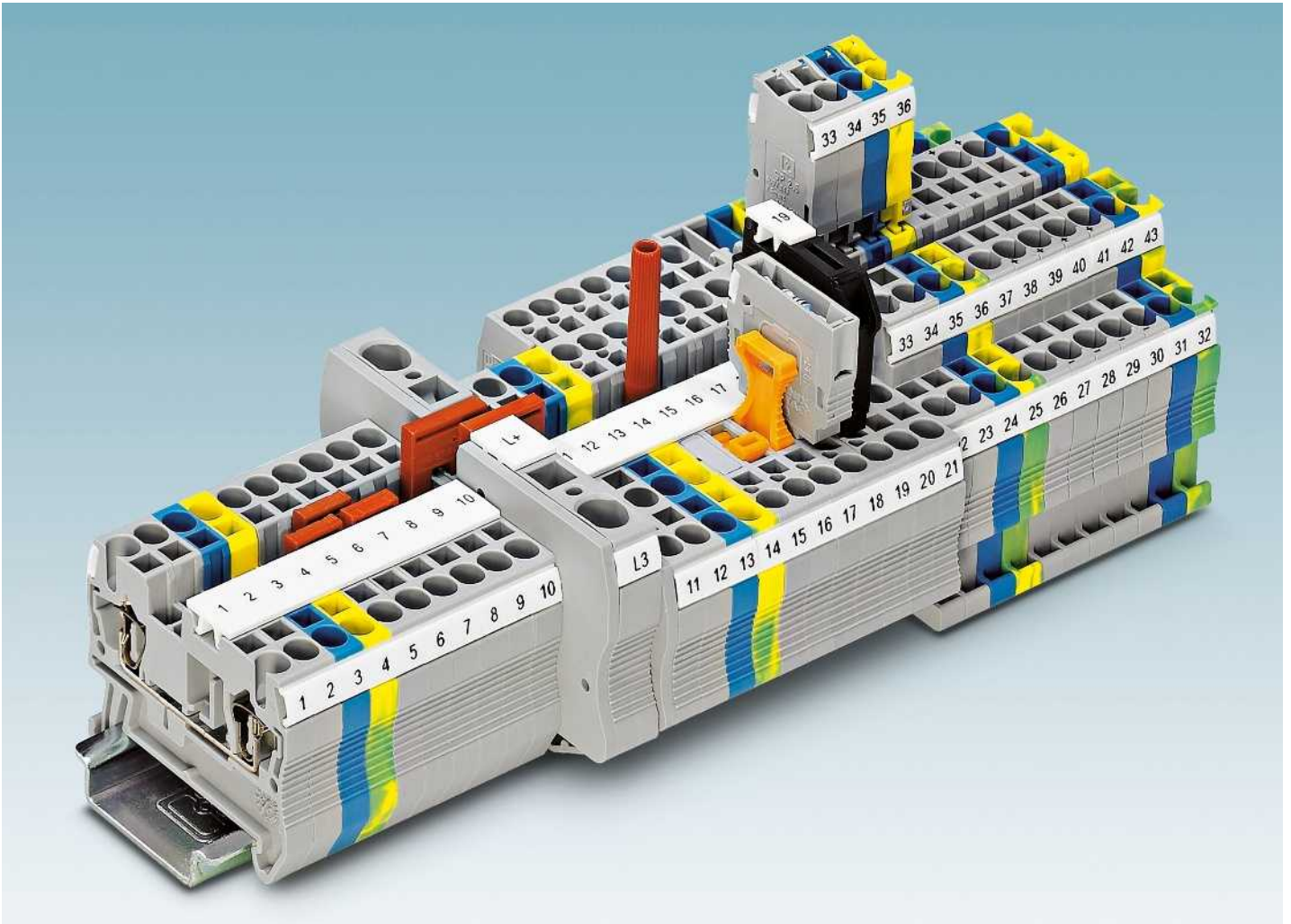
### 35 mm<sup>2</sup>

Feed-through terminal blocks and ground terminals **207**

Hybrid terminal blocks with screw connection on one side **207**

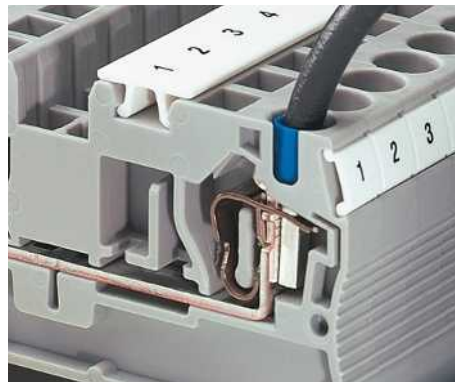
## Terminal blocks - CLIPLINE complete

### ST... spring-cage connection terminal blocks



#### Space-saving design

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



#### Maximum connection space

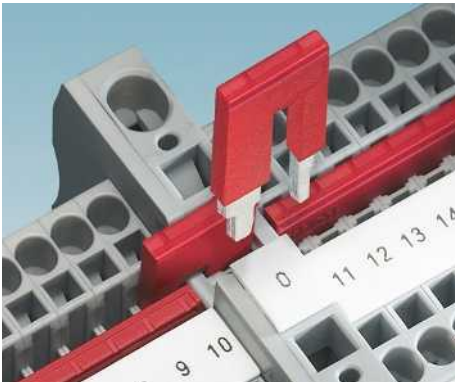
Thanks to their maximum connection space, miniature spring-cage terminal blocks offer a quick means of wiring solid and stranded conductors, even for conductors of the nominal cross section with assembled ferrule.



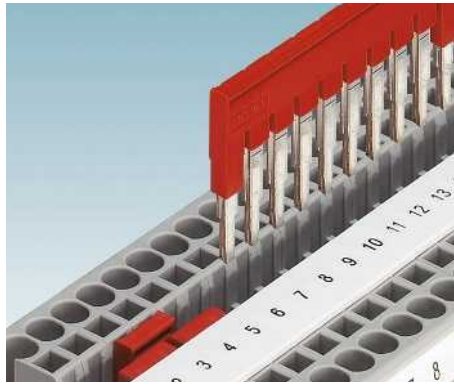
#### Large-surface marking

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

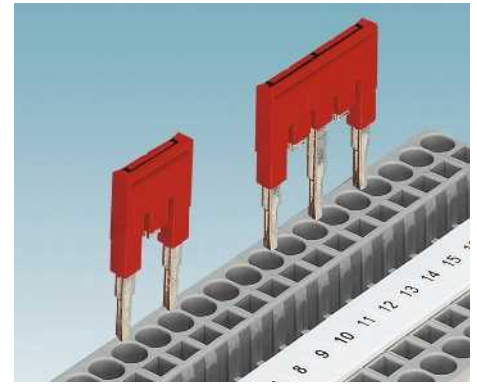




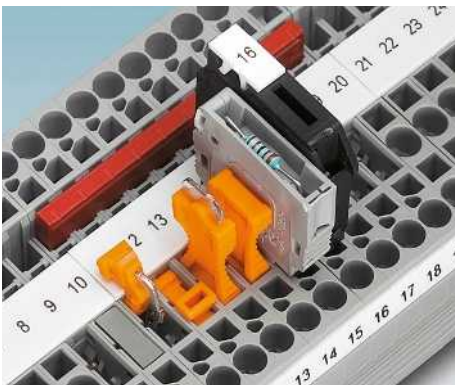
The reducing bridge allows terminal blocks with different nominal cross sections to be connected with ease. The reducing bridge can be used to quickly create power blocks, e.g., an ST 10 spring-cage terminal block with an ST 2,5 or ST 4.



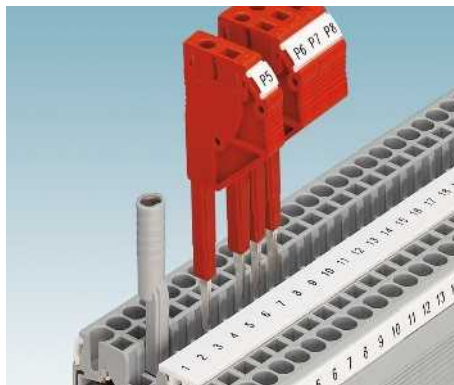
The double function shaft can be used to connect any number of terminal blocks with two-position bridges. The 2- to 50-pos. bridges allow up to 50 terminal blocks to be bridged in one step.



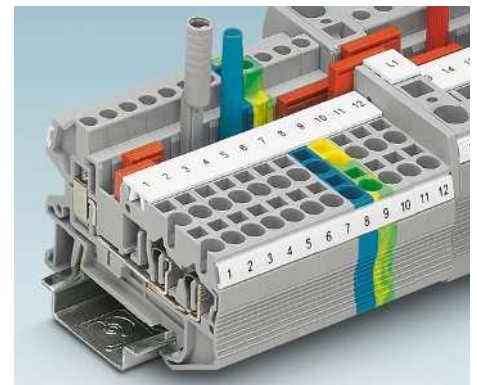
A jumping bridge is created by removing individual contact guides from the standard bridge. Two potentials can then be routed in parallel. The contact points can also be marked.



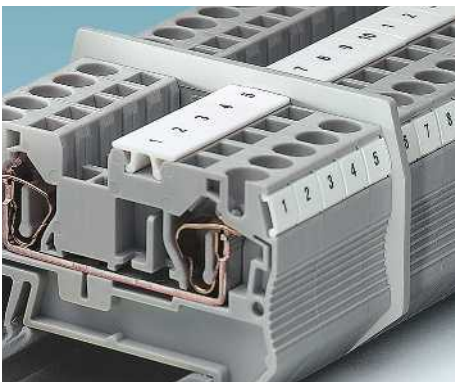
The P-FIX isolated feed-through connector, P-DI isolating plug, P-CO component connector, and P-FU cartridge fuse plug can be used in the universal plug-in zone of the disconnect terminal block.



A test plug with a 2.3 mm diameter is available for measuring lines. All measurement and test work can be completed at speed using test adapters for 4 mm diameter test plugs and the modular test plugs.



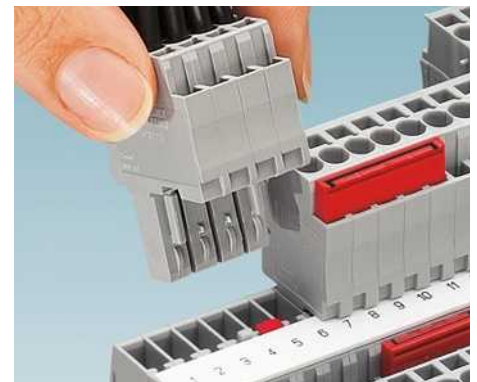
The hybrid versions combine the benefits of the spring-cage connection method with those of the universal screw connection.



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.

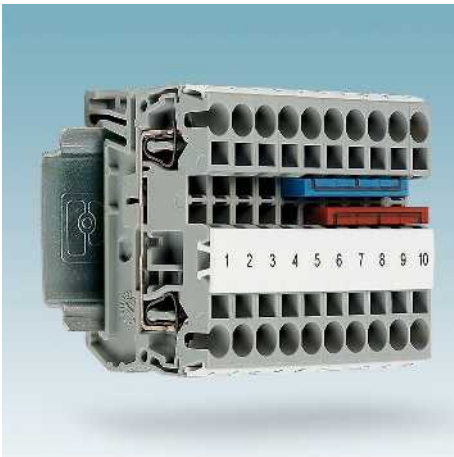


ST-COMBI terminal blocks are available for creating plug-in signal and power wiring. The system is touch proof and offers plugs for self-assembly with extensive accessories. See "COMBI" section, page 225.

# Terminal blocks - CLIPLINE complete

## ST... spring-cage connection terminal blocks

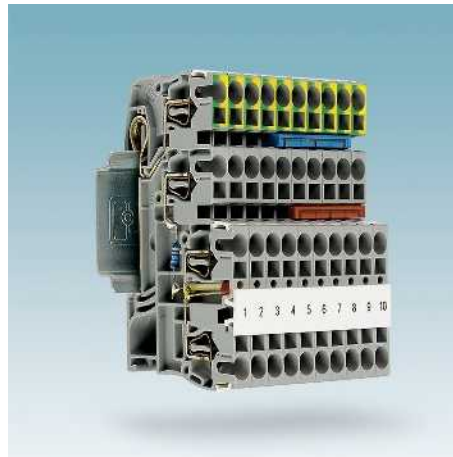
### ST... feed-through, multi-conductor, and multi-level terminal blocks



- 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 block



- 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
- Energy supplied or enhanced by power 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

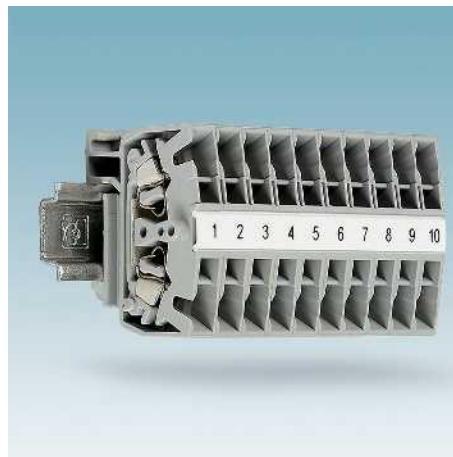
## STI... installation terminal blocks



- Space saving thanks to the low-profile design
- Complete flexibility – all installation terminal blocks with different connection technologies can be combined
- Dielectric test without disconnecting the neutral conductor – thanks to the disconnect slide
- Protection against unintentional actuation since the disconnect slide can be snapped into the limit positions

**i** Your web code: #0066

## 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 terminal blocks and ground terminals 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 mm<sup>2</sup> ST... spring-cage connection terminal blocks

### General technical data for 1.5 mm<sup>2</sup> ST... spring-cage connection terminal blocks

<b>Rated data</b>		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm <sup>2</sup> ]	1.5			
Cross section range	AWG	28 - 16			
<b>Connection capacity</b>		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm <sup>2</sup> ]	0.08 - 1.5	0.08 - 1.5	0.14 - 1.5	0.14 - 1.5
2 stranded conductors with a TWIN ferrule	[mm <sup>2</sup> ]	-	-	-	0.5
<b>General data</b>					
Stripping length	[mm]	10			
Insulating material		PA			
Inflammability class according to UL 94		VO			

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

#### Notes:

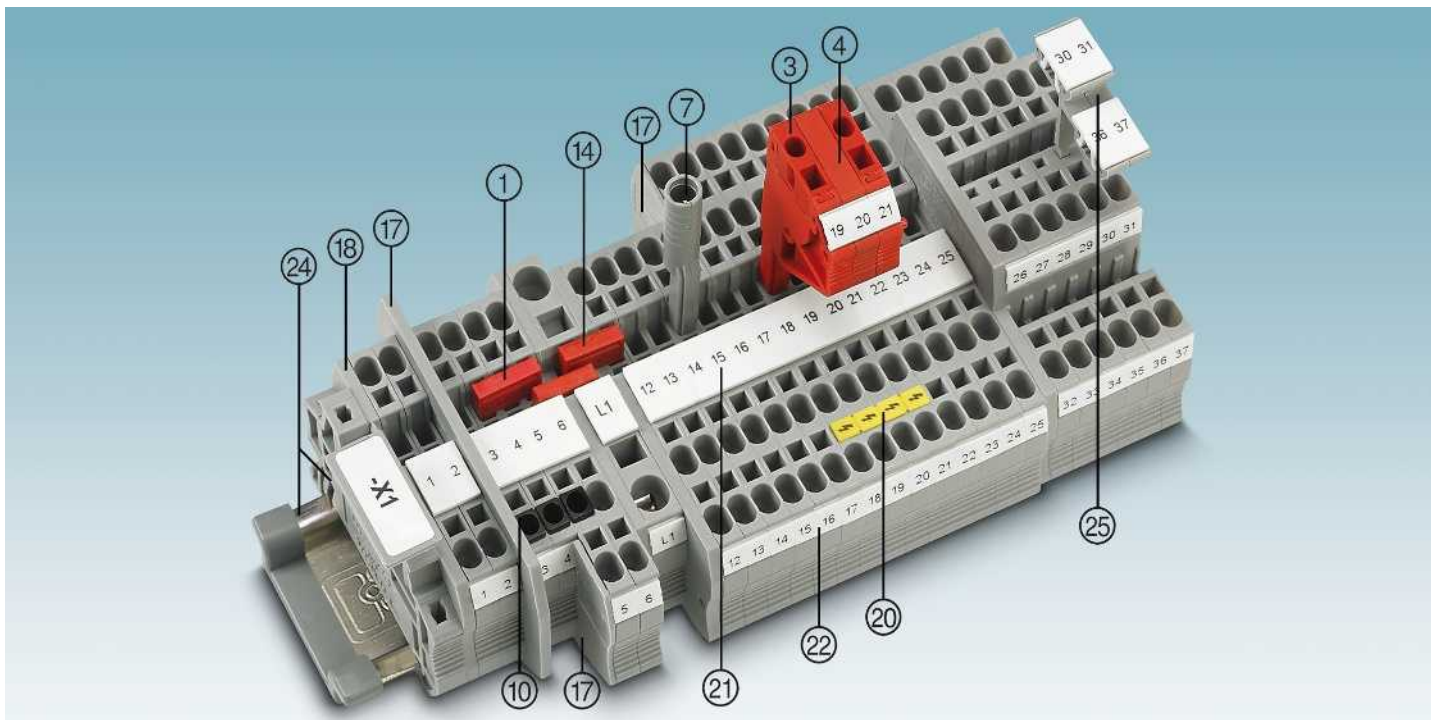


In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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

1) The bridge current is documented for the respective product. For additional colors, see page 340.

### System accessories for 1.5 mm<sup>2</sup> ST... spring-cage connection terminal blocks



Description	Number of positions	Color	Type	Order No.	Pcs. / Pkt.	Type	Order No.	Pcs. / Pkt.
① Jumper <sup>1)</sup>	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		white	ISH 1,5/0,2	3206131	50			
0,25 - 0,5 mm <sup>2</sup>		gray	ISH 1,5/0,5	3031034	50			
Screwdriver			SZF 0-0,4X2,5	1204504	10			

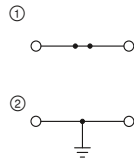
⑭ Reducing bridge
⑰ Partition plates/end cover segments
⑱ Cover
⑳ Warning labels
㉑ Center groove marking
㉒ Center and lateral groove marking
㉓ DIN rails and end brackets
㉔ Marker carrier
For full accessories, visit phoenixcontact.net/products

For RB ..., see page 344.
For ATP-... / DS-..., visit phoenixcontact.net/products
Documented for the product.
For WS ..., see page 353.
UC-TM 4, UCT-TM 4 or ZB 4. See also Catalog 5, selection tables from page 100.
UC-TMF 4, UCT-TMF 4 or ZBF 4. See also Catalog 5, selection tables from page 100.
See Catalog 5.
For STP ..., see page 352.
Note: additional or deviating accessories are documented for the product.

## 1.5 mm<sup>2</sup> ST... spring-cage connection terminal blocks

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

**Notes:**  
 1) For additional accessories and technical data, see page 166.  
 For information on installation and using accessories for Ex applications, see page 602.



17.5 A, feed-through terminal block

Ex: 
  
 KEMA 01ATEX2129 U / IECEx KEM 06.0043U

Technical data <sup>1)</sup>					
Width	Length	Height			
4.2	48.5	36.5 (NS 35/7,5)			
I <sub>max.</sub> [A]	U <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ]	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 <sup>2</sup> ]	17.5 / 1.5	15 / -	15 / -	17.5 / 1.5

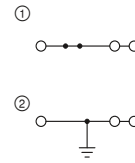
Ordering data			
Type	Order No.	Pcs. / Pkt.	
ST 1,5	① 3031076	50	
ST 1,5 BU	① 3031089	50	
ST 1,5-PE	② 3031513	50	

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

Dimensions	[mm]
Width	4.2
Length	48.5
Height	36.5 (NS 35/7,5)
Max. electrical data	
I <sub>max.</sub> [A]	17.5
U <sub>max.</sub> [V]	500
Max. bridge current	17.5 [A]
Rated data	
Rated voltage	500 [V]
Nominal current / cross section	17.5 / 1.5 [A] / [mm <sup>2</sup> ]

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: 
  
 KEMA 01ATEX2129 U / IECEx KEM 06.0043U

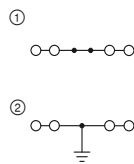
Technical data <sup>1)</sup>					
Width	Length	Height			
4.2	60.5	36.5 (NS 35/7,5)			
I <sub>max.</sub> [A]	U <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)		
17.5	500	0.08 - 1.5	26-14		
17.5					
IEC	UL / CUL	CSA	Ex		
500	300	300	440		
Nominal current / cross section	[A] / [mm <sup>2</sup> ]	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	

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

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

**Notes:**  
 1) For additional accessories and technical data, see page 166.  
 For information on installation and using accessories for Ex applications, see page 602.



17.5 A, feed-through terminal block, 4 connections

Ex: 
  
 KEMA 01ATEX2129 U / IECEx KEM 06.0043U

Technical data <sup>1)</sup>					
Width	Length	Height			
4.2	72	36.5 (NS 35/7,5)			
I <sub>max.</sub> [A]	U <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ]	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 <sup>2</sup> ]	17.5 / 1.5	15 / -	15 / -	17.5 / 1.5

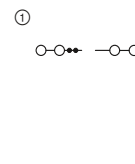
Ordering data			
Type	Order No.	Pcs. / Pkt.	
ST 1,5-QUATTRO	① 3031186	50	
ST 1,5-QUATTRO BU	① 3031199	50	
ST 1,5-QUATTRO-PE	② 3031209	50	

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

Dimensions	[mm]
Width	4.2
Length	72
Height	36.5 (NS 35/7,5)
Max. electrical data	
I <sub>max.</sub> [A]	17.5
U <sub>max.</sub> [V]	500
Max. bridge current	17.5 [A]
Rated data	
Rated voltage	500 [V]
Nominal current / cross section	17.5 / 1.5 [A] / [mm <sup>2</sup> ]

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, 4 connections, with interrupted current bar

Technical data <sup>1)</sup>					
Width	Length	Height			
4.2	72	36.5 (NS 35/7,5)			
I <sub>max.</sub> [A]	U <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ]	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 <sup>2</sup> ]	17.5 / 1.5	15 / -	15 / -	-

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

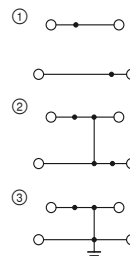
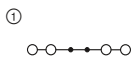
Accessories <sup>1)</sup>		
D-ST 2,5-QUATTRO	Order No.	Pcs. / Pkt.
D-ST 2,5-QUATTRO	3030514	50

# Terminal blocks - CLIPLINE complete

## 1.5 mm<sup>2</sup> ST... spring-cage connection terminal blocks

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

<b>Notes:</b>
1) For additional accessories and technical data, see page 166.
ISH... insulating sleeves and PS ... and PAI ... test accessories cannot be used with the ST 1,5/S-QUATTRO.
For information on installation and using accessories for Ex applications, see page 602.



17.5 A, feed-through terminal block, 4 connections

17.5 A, double-level terminal block



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

	Technical data <sup>1)</sup>			
	Width	Length	Height	
<b>Dimensions</b>	3.5	72	32 (NS 35/7,5)	
<b>Max. electrical data</b>				
	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)
	17.5	500	0.08 - 1.5	28-16
Max. bridge current	17.5			
<b>Rated data</b>				
Rated voltage	500	600	600	-
Nominal current / cross section	17.5 / 1.5	10 / -	10 / -	-
<b>Connection capacity</b>			Ferrule without/with plastic sleeve	
1 conductor	0.08 - 1.5	0.08 - 1.5	0.14 - 1.5	0.14 - 1
2 stranded conductors with a TWIN ferrule	-	-	-	-
<b>General data</b>				
Stripping length	8			

	Technical data <sup>1)</sup>			
	Width	Length	Height	
<b>Dimensions</b>	4.2	67.5	47.5 (NS 35/7,5)	
<b>Max. electrical data</b>				
	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)
	17.5	500	0.08 - 1.5	26-14
Max. bridge current	15			
<b>Rated data</b>				
Rated voltage	500	300	300	440
Nominal current / cross section	17.5 / 1.5	15 / -	15 / -	17.5 / 1.5
<b>Connection capacity</b>			Ferrule without/with plastic sleeve	
1 conductor	0.08 - 1.5	0.08 - 1.5	0.14 - 1.5	0.14 - 1.5
2 stranded conductors with a TWIN ferrule	-	-	-	0.5
<b>General data</b>				
Stripping length	10			

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

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

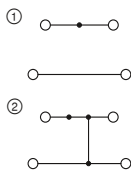
Cover, width 2.2 mm	Jumper	No. of pos.	Color	Accessories <sup>1)</sup>			
				D-ST 1,5/S-QUATTRO	Order No.	Pcs. / Pkt.	
		2	red	FBS 2-3,5	17.5 A	3213014	50
		3	red	FBS 3-3,5	17.5 A	3213027	50
		4	red	FBS 4-3,5	17.5 A	3213030	50
		5	red	FBS 5-3,5	17.5 A	3213043	50
		10	red	FBS 10-3,5	17.5 A	3213056	50

D-STTB 2,5	Order No.	Pcs. / Pkt.



Double-level terminal blocks

**Notes:**  
 1) For additional accessories and technical data, see page 166.



24 A, double-level terminal block

20 A, double-level terminal block, both levels can be bridged



Technical data <sup>1)</sup>				
Dimensions	Width	Length	Height	
[mm]	5.2	67.5	42.5 (NS 35/7,5) / 42 (NS 15)	
Max. electrical data	I <sub>max.</sub> [A]	U <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ] AWG (UL)	
	24	500	0.14 - 2.5 26-14	
Rated data	IEC	UL / CUL	CSA	Ex
Max. bridge current [A]	20			
Rated voltage [V]	500	600	-	-
Nominal current / cross section [A] / [mm <sup>2</sup> ]	17.5 / 1.5	15 / -	-	-
Cross section range AWG	26 - 14	-	-	-
Connection capacity	solid		stranded Ferrule without/with plastic sleeve	
1 conductor [mm <sup>2</sup> ]	0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5
General data	Stripping length [mm] 9			

Technical data <sup>1)</sup>				
Dimensions	Width	Length	Height	
[mm]	5.2	85	42.5 (NS 35/7,5) / 42 (NS 15)	
Max. electrical data	I <sub>max.</sub> [A]	U <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ] AWG (UL)	
	20	500	0.14 - 2.5 26-14	
Rated data	IEC	UL / CUL	CSA	Ex
Max. bridge current [A]	17.5			
Rated voltage [V]	500	600	-	-
Nominal current / cross section [A] / [mm <sup>2</sup> ]	17.5 / 1.5	15 / -	-	-
Cross section range AWG	26 - 14	-	-	-
Connection capacity	solid		stranded Ferrule without/with plastic sleeve	
1 conductor [mm <sup>2</sup> ]	0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5
General data	Stripping length [mm] 9			

Ordering data			
Description	No. of pos.	Color	Type
Terminal block		gray	MZFVK 1,5 ①
With potential distribution		gray	MZFVK 1,5-PV ②

Ordering data			
Description	No. of pos.	Color	Type
Terminal block		gray	MZFVKK 1,5 ①

Accessories <sup>1)</sup>				
Accessories	Type	Order No.		Pcs. / Pkt.
Cover, width 1 mm	D-MZFVK 1,5	3029839		50
Separating disk, for separation of neighboring bridges, can be fitted later, no loss of pitch	TS-KK 3	2770215		50
Fixed bridge, for cross connections in the terminal center, screw heads with insulation collar	FBRI 2-5 N		20 A	3000227
	FBRI 3-5 N		20 A	3000201
	FBRI 10-5 N		20 A	2770642
	SZF 1-0,6X3,5			1204517

Accessories <sup>1)</sup>				
Accessories	Type	Order No.		Pcs. / Pkt.
Cover, width 1 mm	D-MZFVKK 1,5	3024630		50
Separating disk, for separation of neighboring bridges, can be fitted later, no loss of pitch	TS-KK 3	2770215		50
Fixed bridge, for cross connections in the terminal center, screw heads with insulation collar	FBRI 2-5 N		20 A	3000227
	FBRI 3-5 N		20 A	3000201
	FBRI 10-5 N		20 A	2770642
	SZF 1-0,6X3,5			1204517

Lateral groove marking UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)

Lateral groove marking UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)

# Terminal blocks - CLIPLINE complete

## 2.5 mm<sup>2</sup> ST... spring-cage connection terminal blocks

### General technical data for 2.5 mm<sup>2</sup> ST... spring-cage connection terminal blocks

<b>Rated data</b>		IEC 60947-7-1 / IEC 60947-7-2
Rated cross section	[mm <sup>2</sup> ]	2.5
Cross section range	AWG	28 - 12
<b>Connection capacity</b>		solid      stranded      Ferrule without/with plastic sleeve
1 conductor	[mm <sup>2</sup> ]	0.08 - 4      0.08 - 2.5      0.14 - 2.5      0.14 - 2.5
2 stranded conductors with a TWIN ferrule	[mm <sup>2</sup> ]	-      -      -      0.5
<b>General data</b>		
Stripping length	[mm]	8 - 10
Insulating material		PA
Inflammability class according to UL 94		VO
<b>Note: additional or deviating data is documented for the product.</b>		

#### Notes:

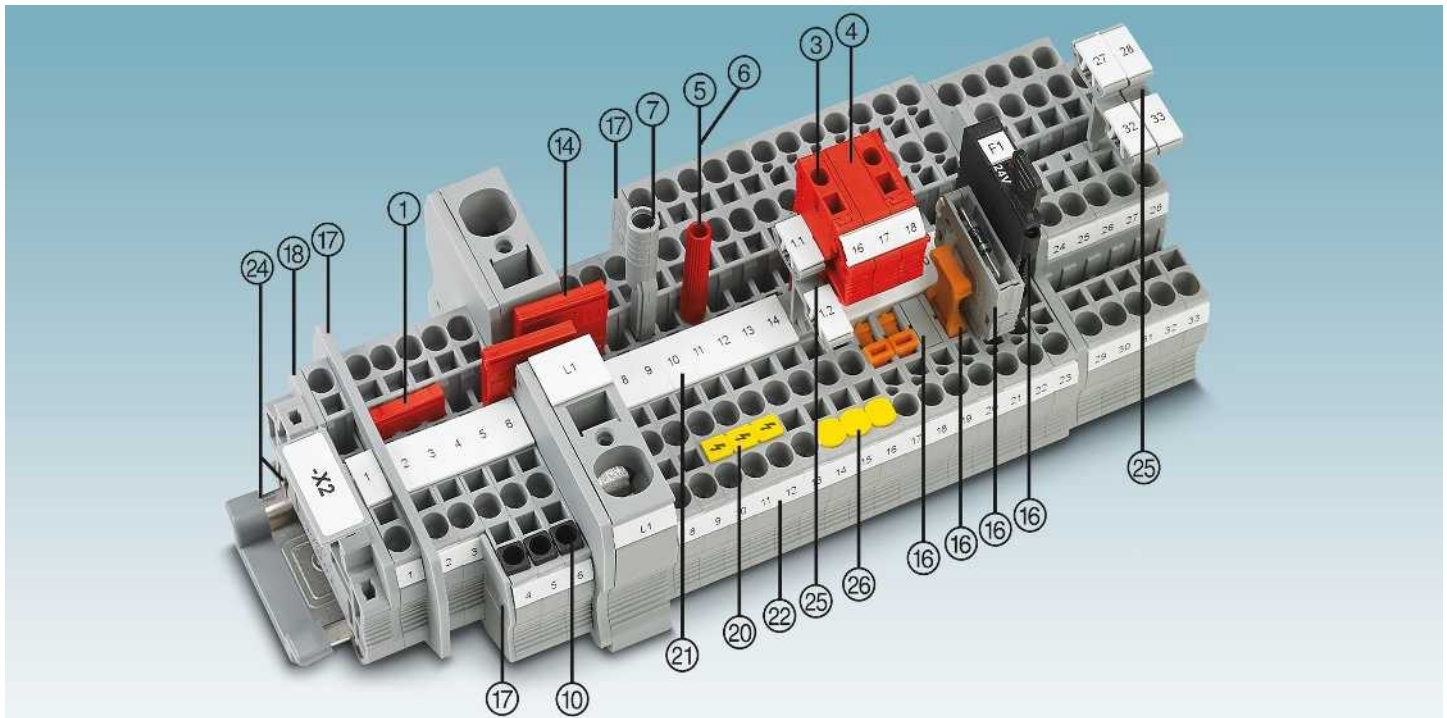


In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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

<sup>1)</sup> The bridge current is documented for the respective product. For additional colors, see page 340.

### System accessories for 2.5 mm<sup>2</sup> ST... spring-cage connection terminal blocks



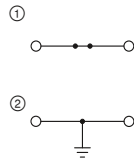
Description	Number of positions	Color	Type	Order No.	Pcs. / Pkt.	Type	Order No.	Pcs. / Pkt.
① Jumper <sup>1)</sup>	2	red	FBS 2-5	3030161	50	FBSR 2-5	3033702	50
	3	red	FBS 3-5	3030174	50	FBSR 3-5	3001591	50
	4	red	FBS 4-5	3030187	50	FBSR 4-5	3001592	50
	5	red	FBS 5-5	3030190	50	FBSR 5-5	3001593	50
	10	red	FBS 10-5	3030213	10	FBSR 10-5	3033710	10
	20	red	FBS 20-5	3030226	10			
③ Modular test plug		red	PS-5	3030983	10			
④ Spacer plate		red	DP PS-5	3036725	10			
⑤ Test plug metal part		silver	MPS-MT	0201744	10			
⑥ Insulating sleeve, for MPS metal part		red	MPS-IH RD	0201676	10			
⑦ Test adapter, 4 mm socket hole		gray	PAI-4-N GY	3032871	10			
⑩ Insulating sleeve		white	ISH 2,5/0,2	3002843	50			
	0.25 - 0.5 mm <sup>2</sup>	gray	ISH 2,5/0,5	3002856	50			
	0.75 - 1 mm <sup>2</sup>	black	ISH 2,5/1,0	3002869	50			
Screwdriver			SZF 1-0,6X3,5	1204517	10			

⑭ Reducing bridge	For RB ..., see page 344.
⑮ Fuse and function plugs for disconnect terminal blocks	For P-FU ... / P-DI / P-FIX / P-CO ..., see page 349 onwards.
⑰ Partition plates/end cover segments	For ATP-... / DS-..., visit <a href="http://phoenixcontact.net/products">phoenixcontact.net/products</a>
⑱ Cover	Documented for the product.
⑳ Warning labels	For WS ..., see page 353.
㉑ Center groove marking	UC-TM 5, UCT-TM 5 or ZB 5. See also Catalog 5, selection tables from page 100.
㉒ Center and lateral groove marking	UC-TMF 5, UCT-TMF 5 or ZBF 5. See also Catalog 5, selection tables from page 100.
㉓ DIN rails and end brackets	See Catalog 5.
㉔ Marker carrier	For STP ..., see page 352.
㉕ Cover for conductor shaft	For CEC ..., see page 348.
For full accessories, visit <a href="http://phoenixcontact.net/products">phoenixcontact.net/products</a>	Note: additional or deviating accessories are documented for the product.

## 2.5 mm<sup>2</sup> ST... spring-cage connection terminal blocks

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

**Notes:**  
 1) For additional accessories and technical data, see page 170.  
 For information on installation and using accessories for Ex applications, see page 602.



**31 A, feed-through terminal block**

Ex: 
  
 KEMA 00ATEX2052U / IECEx KEM 06.0051U

Technical data <sup>1)</sup>			
Width	Length	Height	
5.2	48.5	36.5 (NS 35/7,5)	
$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)
31	800	0.08 - 4	28-12
24 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
800	600	600	550
Nominal current / cross section	[A] / [mm <sup>2</sup> ]	24 / 2.5	20 / - 21 / 2.5

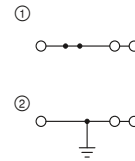
Ordering data			
Type	Order No.	Pcs. / Pkt.	
ST 2,5	① 3031212	50	
ST 2,5 BU	① 3031225	50	
ST 2,5-PE	② 3031238	50	

Accessories <sup>1)</sup>		
D-ST 2,5	3030417	50

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

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

Cover, width 2.2 mm	gray
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**28 A, feed-through terminal block, 3 connections**

Ex: 
  
 KEMA 00ATEX2052U / IECEx KEM 06.0051U

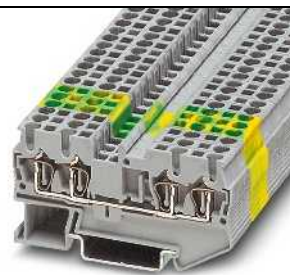
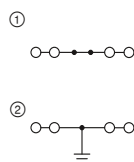
Technical data <sup>1)</sup>			
Width	Length	Height	
5.2	60.5	36.5 (NS 35/7,5)	
$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)
28	800	0.08 - 4	28-12
24 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
800	600	600	550
Nominal current / cross section	[A] / [mm <sup>2</sup> ]	24 / 2.5	20 / - 21.5 / 2.5

Ordering data			
Type	Order No.	Pcs. / Pkt.	
ST 2,5-TWIN	① 3031241	50	
ST 2,5-TWIN BU	① 3031254	50	
ST 2,5-TWIN-PE	② 3031267	50	

Accessories <sup>1)</sup>		
D-ST 2,5-TWIN	3030488	50

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

**Notes:**  
 1) For additional accessories and technical data, see page 170.  
 For information on installation and using accessories for Ex applications, see page 602.



**28 A, feed-through terminal block, 4 connections**

Ex: 
  
 KEMA 00ATEX2052U / IECEx KEM 06.0051U

Technical data <sup>1)</sup>			
Width	Length	Height	
5.2	72	36.5 (NS 35/7,5)	
$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)
28	800	0.08 - 4	28-12
24 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
800	600	600	550
Nominal current / cross section	[A] / [mm <sup>2</sup> ]	24 / 2.5	20 / - 22 / 2.5

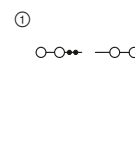
Ordering data			
Type	Order No.	Pcs. / Pkt.	
ST 2,5-QUATTRO	① 3031306	50	
ST 2,5-QUATTRO BU	① 3031319	50	
ST 2,5-QUATTRO-PE	② 3031322	50	

Accessories <sup>1)</sup>		
D-ST 2,5-QUATTRO	3030514	50

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

Description	Color
<b>Terminal block</b>	gray
with interrupted current bar	gray blue
<b>Ground terminal</b>	green-yellow

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



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

Technical data <sup>1)</sup>			
Width	Length	Height	
5.2	72	36.5 (NS 35/7,5)	
$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)
28	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 <sup>2</sup> ]	22 / 2.5	20 / -

Ordering data			
Type	Order No.	Pcs. / Pkt.	
ST 2,5-QUATTRO-U	① 3031636	50	

Accessories <sup>1)</sup>		
D-ST 2,5-QUATTRO	3030514	50

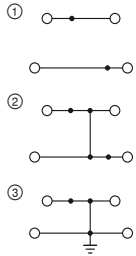


# Terminal blocks - CLIPLINE complete

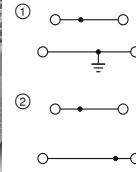
## 2.5 mm<sup>2</sup> ST... spring-cage connection terminal blocks

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

**Notes:**  
 1) For additional accessories and technical data, see page 170.  
 For information on installation and using accessories for Ex applications, see page 602.



26 A, double-level terminal block



32 A, double-level ground terminal



Ex: KEMA 00ATEX2052U / IECEx KEM 06.0051U

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

<b>Dimensions</b>	[mm]
Width	5.2
Length	67.5
Height	47.5 (NS 35/7,5)
<b>Max. electrical data</b>	
$I_{max.}$ [A]	26
$U_{max.}$ [V]	500
max. $\varnothing$ [mm <sup>2</sup> ]	0.08 - 4
AWG (UL)	28-12
20 (FBS) / 17.5 (FBSR)	
<b>Rated data</b>	
IEC	UL / CUL
CSA	Ex
500	600
300	440
<b>Nominal current / cross section</b>	[A] / [mm <sup>2</sup> ]
22 / 2.5	20 / -

#### Ordering data

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

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

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

<b>Cover, width 2.2 mm</b>	gray
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<b>D-STTB 2,5</b>	3030459	50
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#### Technical data<sup>1)</sup>

<b>Dimensions</b>	[mm]
Width	5.2
Length	67.5
Height	47.5 (NS 35/7,5)
<b>Max. electrical data</b>	
$I_{max.}$ [A]	32
$U_{max.}$ [V]	500
max. $\varnothing$ [mm <sup>2</sup> ]	0.08 - 4
AWG (UL)	28-12
20 (FBS) / 17.5 (FBSR)	
<b>Rated data</b>	
IEC	UL / CUL
CSA	Ex
500	300
300	-
<b>Nominal current / cross section</b>	[A] / [mm <sup>2</sup> ]
22 / 2.5	20 / -

#### Ordering data

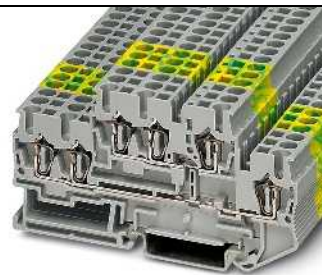
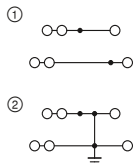
Type	Order No.	Pcs. / Pkt.
STTB 2,5-PE/L	① 3036314	50
STTB 2,5-PE/N	① 3036327	50
STTB 2,5-L/N	② 3036330	50

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

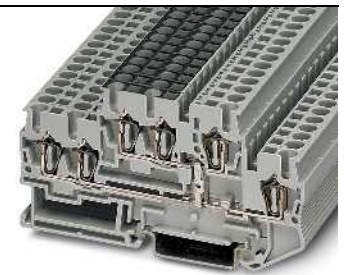
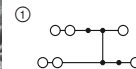
<b>D-STTB 2,5</b>	3030459	50
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### Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

**Notes:**  
 1) For additional accessories and technical data, see page 170.



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



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



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

<b>Dimensions</b>	[mm]
Width	5.2
Length	91.5
Height	47.5 (NS 35/7,5)
<b>Max. electrical data</b>	
$I_{max.}$ [A]	26
$U_{max.}$ [V]	500
max. $\varnothing$ [mm <sup>2</sup> ]	0.08 - 4
AWG (UL)	28-12
20 (FBS) / 17.5 (FBSR)	
<b>Rated data</b>	
IEC	UL / CUL
CSA	Ex
500	600
300	-
<b>Nominal current / cross section</b>	[A] / [mm <sup>2</sup> ]
22 / 2.5	20 / -

#### Ordering data

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

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

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

<b>Cover, width 2.2 mm</b>	gray
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<b>D-STTB 2,5-TWIN</b>	3038558	50
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#### Technical data<sup>1)</sup>

<b>Dimensions</b>	[mm]
Width	5.2
Length	91.5
Height	47.5 (NS 35/7,5)
<b>Max. electrical data</b>	
$I_{max.}$ [A]	26
$U_{max.}$ [V]	500
max. $\varnothing$ [mm <sup>2</sup> ]	0.08 - 4
AWG (UL)	28-12
20 (FBS) / 17.5 (FBSR)	
<b>Rated data</b>	
IEC	UL / CUL
CSA	Ex
500	600
300	-
<b>Nominal current / cross section</b>	[A] / [mm <sup>2</sup> ]
22 / 2.5	20 / -

#### Ordering data

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

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

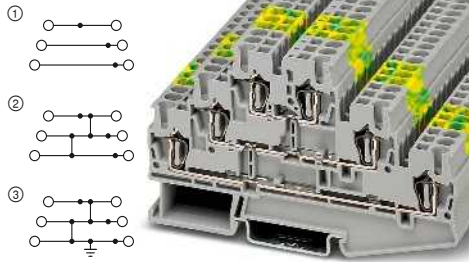
<b>D-STTB 2,5-TWIN</b>	3038558	50
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2.5 mm<sup>2</sup> ST... spring-cage connection terminal blocks

Multi-level terminal blocks

Notes:

1) For additional accessories and technical data, see page 170.



28 A, three-level terminal block



Technical data<sup>1)</sup>

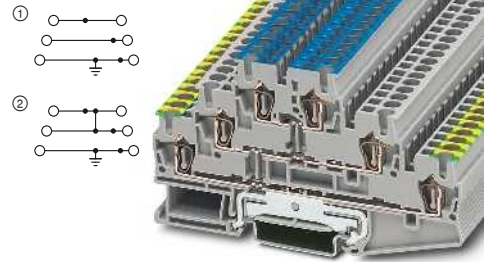
<b>Dimensions</b>	[mm]	Width	Length	Height
		5.2	99.5	58 (NS 35/7,5)
<b>Max. electrical data</b>		$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ] AWG (UL)
		28	500	0.08 - 4 28-12
Max. bridge current	[A]	20 (FBS) / 17.5 (FBBSR)		
<b>Rated data</b>		IEC	UL / CUL	CSA Ex
Rated voltage	[V]	500	600	300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

Ordering data

Description	Color	Type	Order No.	Pcs. / Pkt.
<b>Terminal block</b>	gray	ST 2,5-3L	① 3036042	50
	blue	ST 2,5-3L BU	① 3038710	50
With potential distribution	gray	ST 2,5-3PV	② 3036068	50
<b>Ground terminal</b>	green-yellow	ST 2,5-3PE	③ 3036071	50
<b>Terminal block</b>	gray			
With potential distribution	gray			

Accessories<sup>1)</sup>

<b>Cover, width 2.2 mm</b>	gray	D-ST 2,5-3L	3036660	50
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28 A, three-level terminal block with PE foot



Technical data<sup>1)</sup>

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

Ordering data

Description	Color	Type	Order No.	Pcs. / Pkt.
<b>Terminal block</b>	gray	ST 2,5-PE/L/N	① 3036084	50
	gray	ST 2,5-PE/L/L	① 3036097	50
	gray	ST 2,5-PE/2PV	② 3038833	50

Accessories<sup>1)</sup>

<b>Cover, width 2.2 mm</b>	gray	D-ST 2,5-3L	3036660	50
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Multi-level terminal blocks

Notes:

1) For additional accessories and technical data, see page 170.

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



28 A, three-level terminal block with LED display



Technical data<sup>1)</sup>

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

Ordering data

Description	Color	Type	Order No.	Pcs. / Pkt.
<b>Terminal block, with LED for 12 – 30 V DC, 0.7 – 2.4 mA</b>	gray	ST 2,5-3L-LA 24RD/O-M	① 3035580	50
<b>Terminal block</b>	gray			

Accessories<sup>1)</sup>

<b>Cover, width 2.2 mm</b>	gray	D-ST 2,5-3L	3036660	50
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26 A, four-level terminal block with PE foot



Technical data<sup>1)</sup>

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

Ordering data

Description	Color	Type	Order No.	Pcs. / Pkt.
<b>Terminal block</b>	gray	ST 2,5-PE/3L	① 3036055	50

Accessories<sup>1)</sup>

<b>Cover, width 2.2 mm</b>	gray	D-ST 2,5-PE/3L	3036673	50
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# Terminal blocks - CLIPLINE complete

## 2.5 mm<sup>2</sup> ST... spring-cage connection terminal blocks

### Initiator/actuator terminal blocks

**Notes:**  
 1) For additional accessories and technical data, see page 170.



18 A, three-conductor initiator terminal block



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



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

Technical data <sup>1)</sup>				
Width	Length	Height		
5.2	75	44.5 (NS 35/7,5)		
I <sub>max.</sub> [A]	U <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ]	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 <sup>1)</sup>				
Width	Length	Height		
5.2	75	44.5 (NS 35/7,5)		
I <sub>max.</sub> [A]	U <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ]	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 / -	-	-	

Ordering data	
Description	Color
<b>Terminal block</b>	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 2,5/3-2B/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	

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	

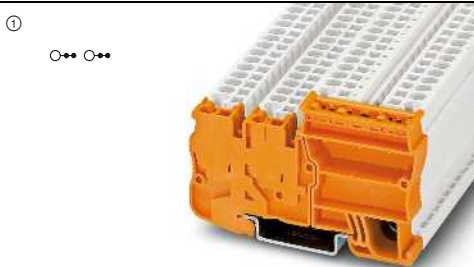
Accessories <sup>1)</sup>	
Cover, width 2.2 mm	gray

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

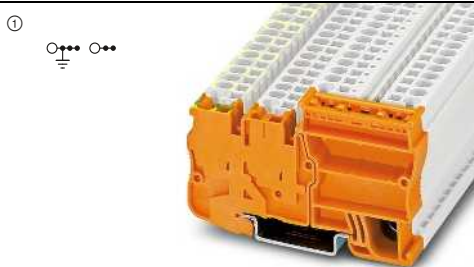
Accessories <sup>1)</sup>		
D-STIO 2,5/3	Order No.	Pcs. / Pkt.
D-STIO 2,5/3	3209112	50

### Power terminals

**Notes:**  
 1) For additional accessories and technical data, see page 170.  
 2) In the case of central power feed.



30 A, power terminal



30 A, power terminal with PE foot



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

Technical data <sup>1)</sup>				
Width	Length	Height		
10.4	75	44.5 (NS 35/7,5)		
I <sub>max.</sub> [A]	U <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
30 <sup>2)</sup>	250	0.08 - 4	28-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
250	300	-	-	
18 / 2.5	20 / -	-	-	

Technical data <sup>1)</sup>				
Width	Length	Height		
10.4	75	44.5 (NS 35/7,5)		
I <sub>max.</sub> [A]	U <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
30 <sup>2)</sup>	250	0.08 - 4	28-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
250	300	-	-	
18 / 2.5	20 / -	-	-	

Ordering data	
Description	Color
<b>Power terminal</b>	orange
	orange

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

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

Accessories <sup>1)</sup>	
Cover, width 2.2 mm	gray

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

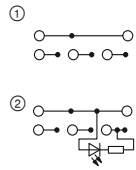
Accessories <sup>1)</sup>		
D-STIO 2,5/3	Order No.	Pcs. / Pkt.
D-STIO 2,5/3	3209112	50



2.5 mm<sup>2</sup> ST... spring-cage connection terminal blocks

Initiator/actuator terminal blocks

**Notes:**  
 1) For additional accessories and technical data, see page 170.



18 A, four-conductor initiator terminal block



Technical data <sup>1)</sup>				
Width	Length	Height		
5.2	92.3	44.5 (NS 35/7,5)		
<i>I</i> <sub>max.</sub> [A]	<i>U</i> <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ]	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 <sup>2</sup> ]	18 / 2.5	18 / -	

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	

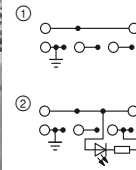
Accessories <sup>1)</sup>		
D-STIO 2,5/4	3209125	50

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

Description	Color
<b>Terminal block</b>	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, four-conductor actuator terminal block with PE foot



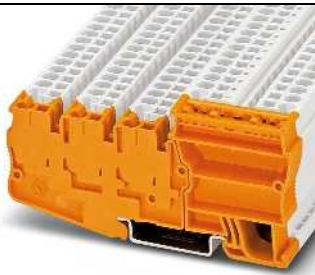
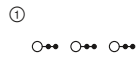
Technical data <sup>1)</sup>				
Width	Length	Height		
5.2	92.3	44.5 (NS 35/7,5)		
<i>I</i> <sub>max.</sub> [A]	<i>U</i> <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
18	250	0.08 - 4	28-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
250	300	-	-	
Nominal current / cross section	[A] / [mm <sup>2</sup> ]	18 / 2.5	18 / -	

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 <sup>1)</sup>		
D-STIO 2,5/4	3209125	50

Power terminals

**Notes:**  
 1) For additional accessories and technical data, see page 170.  
 2) In the case of central power feed.



30 A, power terminal



Technical data <sup>1)</sup>				
Width	Length	Height		
10.4	92.3	44.5 (NS 35/7,5)		
<i>I</i> <sub>max.</sub> [A]	<i>U</i> <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
30 <sup>2)</sup>	250	0.08 - 4	28-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
250	300	-	-	
Nominal current / cross section	[A] / [mm <sup>2</sup> ]	18 / 2.5	20 / -	

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

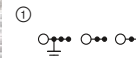
Accessories <sup>1)</sup>		
D-STIO 2,5/4	3209125	50

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

Description	Color
<b>Power terminal</b>	orange
	orange

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



30 A, power terminal with PE foot



Technical data <sup>1)</sup>				
Width	Length	Height		
10.4	92.3	44.5 (NS 35/7,5)		
<i>I</i> <sub>max.</sub> [A]	<i>U</i> <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
30 <sup>2)</sup>	250	0.08 - 4	28-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
250	300	-	-	
Nominal current / cross section	[A] / [mm <sup>2</sup> ]	18 / 2.5	20 / -	

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

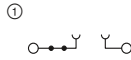
Accessories <sup>1)</sup>		
D-STIO 2,5/4	3209125	50

# Terminal blocks - CLIPLINE complete

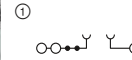
## 2.5 mm<sup>2</sup> ST... spring-cage connection terminal blocks

### Disconnect and knife disconnect terminal blocks

- Notes:**
- 1) For additional accessories and technical data, see page 170.
  - 2) Current and voltage are determined by the plug used.



20 A, disconnect terminal block



20 A, disconnect terminal block, 3 connections



Technical data <sup>1)</sup>				
Width	Length	Height		
5.2	60.5	36.5 (NS 35/7,5)		
I <sub>max.</sub> [A]	U <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
20 <sup>2)</sup>	400 <sup>2)</sup>	0.08 - 4	28-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
400 <sup>2)</sup>	300	300	-	
20 <sup>2)</sup> / 2.5				
	16 / -	16 / -	-	

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

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



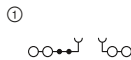
Technical data <sup>1)</sup>				
Width	Length	Height		
5.2	72	36.5 (NS 35/7,5)		
I <sub>max.</sub> [A]	U <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
20	400 <sup>2)</sup>	0.08 - 4	28-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
400 <sup>2)</sup>	300	300	-	
20 <sup>2)</sup> / 2.5				
	16 / -	16 / -	-	

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

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

### Disconnect and knife disconnect terminal blocks

- Notes:**
- 1) For additional accessories and technical data, see page 170.
  - 2) Current and voltage are determined by the plug used.



20 A, disconnect terminal block, 4 connections



Technical data <sup>1)</sup>				
Width	Length	Height		
5.2	84	36.5 (NS 35/7,5)		
I <sub>max.</sub> [A]	U <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
20	400 <sup>2)</sup>	0.08 - 4	28-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
400 <sup>2)</sup>	300	300	-	
20 <sup>2)</sup> / 2.5				
	16 / -	16 / -	-	

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

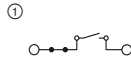
Accessories <sup>1)</sup>		
Type	Order No.	Pcs. / Pkt.
D-ST 2,5-QUATTRO-MT	3038590	50

## 2.5 mm<sup>2</sup> ST... spring-cage connection terminal blocks

### Disconnect and knife disconnect terminal blocks

**Notes:**

1) For additional accessories and technical data, see page 170.



20 A, knife disconnect terminal block



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

Width	Length	Height		
5.2	60.5	36.5 (NS 35/7,5)		
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
20	400	0.08 - 4	28-12	
24 (FBS) / 17.5 (FBBSR)				
Rated data	IEC	UL / CUL	CSA	Ex
Max. bridge current [A]	400	600	300	-
Rated voltage [V]	20 / 2.5	16 / -	16 / -	-
Nominal current / cross section [A] / [mm <sup>2</sup> ]				

**Ordering data**

Type	Order No.	Pcs. / Pkt.
ST 2,5-MT	3036343	50
ST 2,5-MT BU	3037818	50

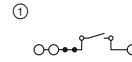
**Accessories<sup>1)</sup>**

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

Dimensions	[mm]
Width	5.2
Length	60.5
Height	36.5 (NS 35/7,5)

Description	Color
Terminal block	gray blue

Cover, width 2.2 mm	Color
	gray



20 A, knife disconnect terminal block, 3 connections



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

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

**Ordering data**

Type	Order No.	Pcs. / Pkt.
ST 2,5-TWIN-MT	3036356	50
ST 2,5-TWIN-MT BU	3037821	50

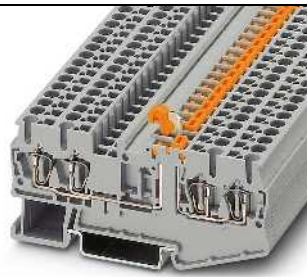
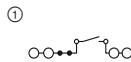
**Accessories<sup>1)</sup>**

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

### Disconnect and knife disconnect terminal blocks

**Notes:**

1) For additional accessories and technical data, see page 170.



20 A, knife disconnect terminal block, 4 connections



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

Width	Length	Height		
5.2	84	36.5 (NS 35/7,5)		
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
20	400	0.08 - 4	28-12	
24 (FBS) / 17.5 (FBBSR)				
Rated data	IEC	UL / CUL	CSA	Ex
Max. bridge current [A]	400	600	300	-
Rated voltage [V]	20 / 2.5	16 / -	16 / -	-
Nominal current / cross section [A] / [mm <sup>2</sup> ]				
Connection capacity	solid		stranded	
1 conductor [mm <sup>2</sup> ]	0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5

**Ordering data**

Type	Order No.	Pcs. / Pkt.
ST 2,5-QUATTRO-MT	3036576	50
ST 2,5-QUATTRO-MT BU	3037834	50

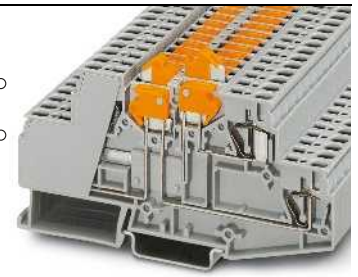
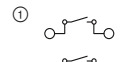
**Accessories<sup>1)</sup>**

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

Dimensions	[mm]
Width	5.2
Length	84
Height	36.5 (NS 35/7,5)

Description	Color
Terminal block	gray blue gray

Cover, width 2.2 mm	Color
	gray



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



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

Width	Length	Height		
6.2	107	55 (NS 35/7,5)		
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
16	400	0.2 - 4	26-12	
-				
Rated data	IEC	UL / CUL	CSA	Ex
Max. bridge current [A]	400	300	600	-
Rated voltage [V]	16 / 1.5	10 / -	10 / -	-
Nominal current / cross section [A] / [mm <sup>2</sup> ]				
Connection capacity	solid		stranded	
1 conductor [mm <sup>2</sup> ]	0.2 - 4	0.2 - 2.5	0.14 - 2.5	0.14 - 2.5

**Ordering data**

Type	Order No.	Pcs. / Pkt.
ZDMTK 2,5	3005798	50
ZDMTK 2,5 BU	3006784	50
ZDMTK 2,5-TWIN	3005808	50

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

Type	Order No.	Pcs. / Pkt.

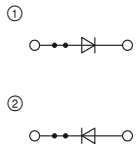


# Terminal blocks - CLIPLINE complete

## 2.5 mm<sup>2</sup> ST... spring-cage connection terminal blocks

### Diode terminal blocks

**Notes:**  
 1) For additional accessories and technical data, see page 170.



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

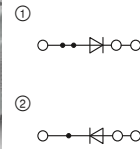


Technical data <sup>1)</sup>				
Width	Length	Height		
5.2	48.5	36.5 (NS 35/7,5)		
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
0.5	800	0.08 - 4	28-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	600	600	-	
Nominal current / cross section	[A] / [mm <sup>2</sup> ]	1 / -	1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

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 <sup>1)</sup>			
D-ST 2,5	3030417	50	

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



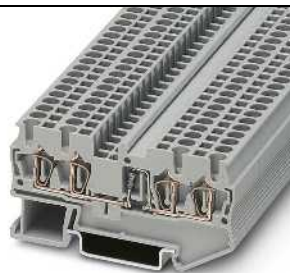
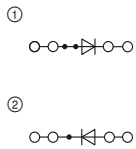
Technical data <sup>1)</sup>				
Width	Length	Height		
5.2	60.5	36.5 (NS 35/7,5)		
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
0.5	800	0.08 - 4	28-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	600	600	-	
Nominal current / cross section	[A] / [mm <sup>2</sup> ]	0.5 / 1	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 <sup>1)</sup>			
D-ST 2,5-TWIN	3030488	50	

### Diode terminal blocks

**Notes:**  
 1) For additional accessories and technical data, see page 170.



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

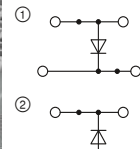


Technical data <sup>1)</sup>				
Width	Length	Height		
5.2	72	36.5 (NS 35/7,5)		
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
0.5	800	0.08 - 4	28-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	600	600	-	
Nominal current / cross section	[A] / [mm <sup>2</sup> ]	0.5 / 1	20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

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 <sup>1)</sup>			
D-ST 2,5-QUATTRO	3030514	50	

Dimensions	[mm]
Max. electrical data	
Max. bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm <sup>2</sup> ]
Description	Color
Terminal block, for conducting direction see circuit diagram	gray gray gray gray gray
Cover, width 2.2 mm	gray



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



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

Ordering data			
Type	Order No.	Pcs. / Pkt.	
STTB 2,5-DIO/O-U	① 3031555	50	
STTB 2,5-DIO/U-O	② 3031563	50	
STTB 2,5-DIO/UL-UR	③ 3031571	50	

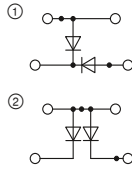
Accessories <sup>1)</sup>			
D-STTB 2,5	3030459	50	

## 2.5 mm<sup>2</sup> ST... spring-cage connection terminal blocks

### Diode terminal blocks

**Notes:**

- 1) For additional accessories and technical data, see page 170.
- 2) The operating voltage is determined by the LED version.



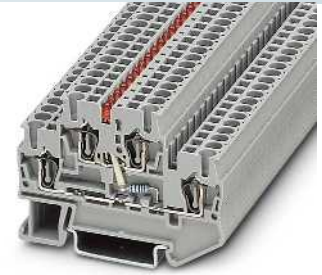
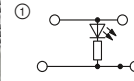
**26 A, double-level diode terminal block, 1N 4007 (1300 V/0.5 A)**



Technical data <sup>1)</sup>				
Width	Length	Height		
5.2	67.5	47.5 (NS 35/7,5)		
$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
26	250	0.08 - 4	28-12	
20 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
250	600	300	-	
22 / 2.5	20 / -	-	-	

Ordering data			
Type	Order No.	Pcs. / Pkt.	
STTB 2,5-2DIO/O-UL/UR-UL ①	3031584	50	
STTB 2,5-2DIO/O-UL/O-UR ②	3031597	50	

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



**26 A, double-level terminal block with LED display**



Technical data <sup>1)</sup>			
Width	Length	Height	
5.2	67.5	47.5 (NS 35/7,5)	
$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)
26	500 <sup>2)</sup>	0.08 - 4	28-12
20 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
500 <sup>2)</sup>	600	-	-
22 / 2.5	20 / -	-	-

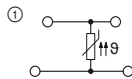
Ordering data			
Type	Order No.	Pcs. / Pkt.	
STTB 2,5-LA 24 RD ①	3031607	50	
STTB 2,5-LA 60 RD ①	3031610	50	
STTB 2,5-LA230 ①	3031623	50	

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

### Double-level terminal block with temperature sensor

**Notes:**

- 1) For additional accessories and technical data, see page 170.



**26 A, double-level terminal block with temperature sensor**



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

Ordering data			
Type	Order No.	Pcs. / Pkt.	
STTB 2,5-PT100 MD ①	3035564	50	

Dimensions	[mm]
Width	7.4
Length	67.5
Height	47.5 (NS 35/7,5)

Max. electrical data	[mm]
$I_{max}$ [A]	26
$U_{max}$ [V]	500
max. Ø [mm <sup>2</sup> ]	0.08 - 4
AWG (UL)	-

Rated data	[V]
Rated voltage	500
Nominal current / cross section	22 / 2.5

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

# Terminal blocks - CLIPLINE complete

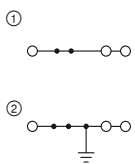
## 2.5 mm<sup>2</sup> ST... spring-cage connection terminal blocks

### Hybrid terminal blocks with screw connection on one side, 2.5 (4) mm<sup>2</sup>

**Notes:**

1) For additional accessories and technical data, see page 170.

2) For screw connection rated data, visit [phoenixcontact.net/products](http://phoenixcontact.net/products)



**28 A, feed-through terminal block, 3 connections**



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

Dimensions	Width	Length	Height
[mm]	5.2	65.3	42.8 (NS 35/7,5)
Max. electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm <sup>2</sup> ] AWG (UL)
Max. bridge current	28	800	0.08 - 4 28-12
<b>Rated data<sup>2)</sup></b>	24 (FBS) / 17.5 (FBSR)		
Rated voltage	IEC	UL / CUL	CSA Ex
Nominal current / cross section	800	600	600 -
<b>Connection capacity</b>	24 / 2.5	20 / -	20 / -
2 stranded conductors with a TWIN ferrule	solid	stranded	Ferrule without/with plastic sleeve
[mm <sup>2</sup> ]	-	-	- 0.5 - 1

**Ordering data**

Description	Color	Type	Order No.	Pcs. / Pkt.
Terminal block	gray	STU 2,5-TWIN	① 3033016	50
	blue	STU 2,5-TWIN BU	① 3033029	50
Ground terminal	green-yellow	STU 2,5-TWIN-PE	② 3033032	50

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

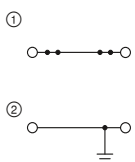
Cover, width 2.2 mm	Color	D-STU 2,5-TWIN	Order No.	Pcs. / Pkt.
	gray		3033045	50

### Desk-design terminal blocks

**Notes:**

1) For additional accessories and technical data, see page 170.

For information on installation and using accessories for Ex applications, see page 602.



**31 A, feed-through terminal block**



Ex: Ex I Ex II  
PTB 07ATEX1027U / IECEx PTB 07.0024U

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

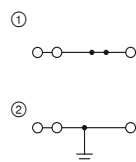
Dimensions	Width	Length	Height
[mm]	5.2	50.8	43 (NS 35/7,5)
Max. electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm <sup>2</sup> ] AWG (UL)
Max. bridge current	31	800	0.08 - 4 28-12
<b>Rated data</b>	24 (FBS) / 17.5 (FBSR)		
Rated voltage	IEC	UL / CUL	CSA Ex
Nominal current / cross section	800	600	600 550
[A] / [mm <sup>2</sup> ]	24 / 2.5	20 / -	20 / - 20.5 / 2.5

**Ordering data**

Description	Color	Type	Order No.	Pcs. / Pkt.
Terminal block	gray	STS 2,5	① 3036398	50
	blue	STS 2,5 BU	① 3036408	50
Ground terminal	green-yellow	STS 2,5-PE	② 3036411	50

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

Cover, width 2.2 mm	Color	D-STS 2,5	Order No.	Pcs. / Pkt.
	gray		3031762	50



**28 A, feed-through terminal block, 3 connections**



Ex: Ex I Ex II  
PTB 07ATEX1027U / IECEx PTB 07.0024U

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

Dimensions	Width	Length	Height
[mm]	5.2	51	43 (NS 35/7,5)
Max. electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm <sup>2</sup> ] AWG (UL)
Max. bridge current	28	800	0.08 - 4 28-12
<b>Rated data</b>	24 (FBS) / 17.5 (FBSR)		
Rated voltage	IEC	UL / CUL	CSA Ex
Nominal current / cross section	800	600	600 550
[A] / [mm <sup>2</sup> ]	24 / 2.5	20 / -	20 / - 21 / 2.5

**Ordering data**

Description	Color	Type	Order No.	Pcs. / Pkt.
Terminal block	gray	STS 2,5-TWIN	① 3031720	50
	blue	STS 2,5-TWIN BU	① 3036275	50
Ground terminal	green-yellow	STS 2,5-TWIN-PE	② 3031733	50

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

Cover, width 2.2 mm	Color	D-STS 2,5	Order No.	Pcs. / Pkt.
	gray		3031762	50



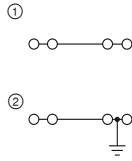
## 2.5 mm<sup>2</sup> ST... spring-cage connection terminal blocks

### Desk-design terminal blocks

#### Notes:

1) For additional accessories and technical data, see page 170.

For information on installation and using accessories for Ex applications, see page 602.



**28 A, feed-through terminal block, 4 connections**



Ex: PTB 07ATEX1027U / IECEx PTB 07.0024U

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

Width	Length	Height		
5.2	51	43 (NS 35/7,5)		
I <sub>max</sub> [A]	U <sub>max</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
28	800	0.08 - 4	28-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	600	600	550	
Nominal current / cross section	[A] / [mm <sup>2</sup> ]			
24 / 2.5	20 / - 20 / - 20.5 / 2.5			

#### 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

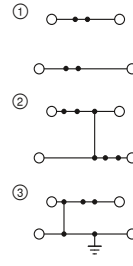
#### Accessories<sup>1)</sup>

D-ST5 2,5	3031762	50
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Dimensions	[mm]
Max. electrical data	
Max. bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm <sup>2</sup> ]

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

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



**26 A, double-level terminal block**



Ex: PTB 07ATEX1027U / IECEx PTB 07.0024U

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

Width	Length	Height		
5.2	78	55 (NS 35/7,5)		
I <sub>max</sub> [A]	U <sub>max</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
26	500	0.08 - 4	28-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	600	300	440	
Nominal current / cross section	[A] / [mm <sup>2</sup> ]			
22 / 2.5	20 / - 20 / - 19.5 / 2.5			

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

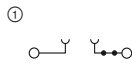
D-STTBS 2,5	3038503	50
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### Desk-design disconnect and knife disconnect terminal blocks

#### Notes:

1) For additional accessories and technical data, see page 170.

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



**20 A, disconnect terminal block**



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

Width	Length	Height		
5.2	50.8	43 (NS 35/7,5)		
I <sub>max</sub> [A]	U <sub>max</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
20 <sup>2)</sup>	400 <sup>2)</sup>	0.08 - 4	28-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
400 <sup>2)</sup>	300	300	-	
Nominal current / cross section	[A] / [mm <sup>2</sup> ]			
20 <sup>2)</sup> / 2.5	16 / - 16 / -			

#### Ordering data

Type	Order No.	Pcs. / Pkt.
STS 2,5-TG ①	3037009	50

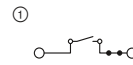
#### Accessories<sup>1)</sup>

D-ST5 2,5	3031762	50
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Dimensions	[mm]
Max. electrical data	
Max. bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm <sup>2</sup> ]

Description	Color
Terminal block	gray
	blue

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



**20 A, knife disconnect terminal block**



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

Width	Length	Height		
5.2	50.8	43 (NS 35/7,5)		
I <sub>max</sub> [A]	U <sub>max</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
20	400	0.08 - 4	28-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
400	300	300	-	
Nominal current / cross section	[A] / [mm <sup>2</sup> ]			
20 / 2.5	16 / - 16 / -			

#### Ordering data

Type	Order No.	Pcs. / Pkt.
STS 2,5-MT ①	3036990	50
STS 2,5-MT BU ①	3035425	50

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

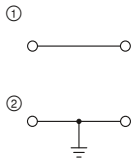
D-ST5 2,5	3031762	50
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# Terminal blocks - CLIPLINE complete

## 2.5 mm<sup>2</sup> ST... spring-cage connection terminal blocks

### Feed-through and multi-conductor terminal blocks and ground terminals

**Notes:**  
 1) For additional accessories and technical data, see page 170.  
 For information on installation and using accessories for Ex applications, see page 602.



30 A, feed-through terminal block



Ex: PTB 08ATEX1075U / IECEx PTB 08.0048U

Technical data <sup>1)</sup>				
Width	Length	Height		
5.2	32	30 (NS 15)		
I <sub>max.</sub> [A]	U <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
30	800	0.08 - 4	28-12	
Max. bridge current [A] -				
Rated data				
Rated voltage [V]	800	IEC	UL / CUL	CSA
Nominal current / cross section [A] / [mm <sup>2</sup> ]	24 / 2.5	600	600	690
		20 / -	20 / -	22 / 2.5
General data	Stripping length [mm] 8			

Ordering data			
Type	Order No.	Pcs. / Pkt.	
MSB 2,5	3244012	50	①
MSB 2,5 BU	3244025	50	①
MSB 2,5-PE	3244151	50	②

Accessories <sup>1)</sup>			
Type	Order No.	Pcs. / Pkt.	
D-MZB 1,5	3024177	50	

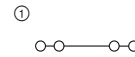
Dimensions		
Width	Length	Height
5.2	32	30 (NS 15)
Max. electrical data		
I <sub>max.</sub> [A]	U <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ]
30	800	0.08 - 4
Max. bridge current [A] -		
Rated data		
Rated voltage [V]	800	IEC
Nominal current / cross section [A] / [mm <sup>2</sup> ]	24 / 2.5	600
General data		
Stripping length [mm] 8		

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

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



30 A, feed-through terminal block, 4 connections



Ex: PTB 08ATEX1075U / IECEx PTB 08.0048U

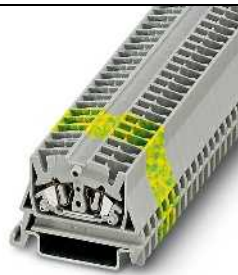
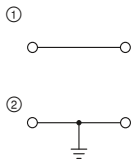
Technical data <sup>1)</sup>				
Width	Length	Height		
10.4	32	30 (NS 15)		
I <sub>max.</sub> [A]	U <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
30	800	0.08 - 4	28-12	
Max. bridge current [A] 24				
Rated data				
Rated voltage [V]	800	IEC	UL / CUL	CSA
Nominal current / cross section [A] / [mm <sup>2</sup> ]	24 / 2.5	600	600	690
		20 / -	20 / -	22 / 2.5
General data	Stripping length [mm] 8			

Ordering data			
Type	Order No.	Pcs. / Pkt.	
MSDB 2,5	3244216	50	①
MSDB 2,5 BU	3244229	50	①

Accessories <sup>1)</sup>			
Type	Order No.	Pcs. / Pkt.	
D-MZB 1,5	3024177	50	
ESB 2-MZDB	3029703	10	24 A

### Feed-through and multi-conductor terminal blocks and ground terminals

**Notes:**  
 1) For additional accessories and technical data, see page 170.  
 For information on installation and using accessories for Ex applications, see page 602.



30 A, feed-through terminal block



Ex: PTB 08ATEX1075U / IECEx PTB 08.0048U

Technical data <sup>1)</sup>				
Width	Length	Height		
5.2	42.7	32 (NS 35/7,5)		
I <sub>max.</sub> [A]	U <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
30	800	0.08 - 4	28-12	
Max. bridge current [A] -				
Rated data				
Rated voltage [V]	800	IEC	UL / CUL	CSA
Nominal current / cross section [A] / [mm <sup>2</sup> ]	24 / 2.5	600	600	690
		20 / -	20 / -	22 / 2.5
General data	Stripping length [mm] 8			

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

Accessories <sup>1)</sup>			
Type	Order No.	Pcs. / Pkt.	
D-MZB 1,5	3024177	50	

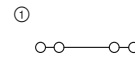
Dimensions		
Width	Length	Height
5.2	42.7	32 (NS 35/7,5)
Max. electrical data		
I <sub>max.</sub> [A]	U <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ]
30	800	0.08 - 4
Max. bridge current [A] -		
Rated data		
Rated voltage [V]	800	IEC
Nominal current / cross section [A] / [mm <sup>2</sup> ]	24 / 2.5	600
General data		
Stripping length [mm] 8		

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

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



30 A, feed-through terminal block, 4 connections



Ex: PTB 08ATEX1075U / IECEx PTB 08.0048U

Technical data <sup>1)</sup>				
Width	Length	Height		
10.4	42.7	32 (NS 35/7,5)		
I <sub>max.</sub> [A]	U <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
30	800	0.08 - 4	28-12	
Max. bridge current [A] 24				
Rated data				
Rated voltage [V]	800	IEC	UL / CUL	CSA
Nominal current / cross section [A] / [mm <sup>2</sup> ]	24 / 2.5	600	600	690
		20 / -	20 / -	22 / 2.5
General data	Stripping length [mm] 8			

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

Accessories <sup>1)</sup>			
Type	Order No.	Pcs. / Pkt.	
D-MZB 1,5	3024177	50	
ESB 2-MZDB	3029703	10	24 A

### Feed-through and multi-conductor terminal blocks

**Notes:**  
 1) For additional accessories and technical data, see page 170.  
 For information on installation and using accessories for Ex applications, see page 602.



30 A, feed-through terminal block, for grouping



Ex:   
 PTB 08ATEX1075U / IECEx PTB 08.0048U

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

Width	Length	Height		
5.2	32	22		
I <sub>max.</sub> [A]	U <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
30	800	0.08 - 4	28-12	
IEC	UL / CUL	CSA	Ex	
800	600	600	550	
Nominal current / cross section	[A] / [mm <sup>2</sup> ]			
24 / 2.5	20 / -	20 / -	22 / 2.5	

<b>Dimensions</b>	[mm]
<b>Max. electrical data</b>	
<b>Rated data</b>	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm <sup>2</sup> ]
<b>General data</b>	
Stripping length	[mm]

#### Ordering data

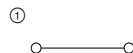
Type	Order No.	Pcs. / Pkt.
MSB 2,5-M	3244067	50
MSB 2,5-M BU	3244070	50

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

Type	Order No.	Pcs. / Pkt.
D-MZB 1,5	3024177	50

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

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



30 A, flange terminal block, for grouping



Ex:   
 PTB 08ATEX1075U / IECEx PTB 08.0048U

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

Width	Length	Height		
5.2	32	22		
I <sub>max.</sub> [A]	U <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
30	800	0.08 - 4	28-12	
IEC	UL / CUL	CSA	Ex	
800	600	600	550	
Nominal current / cross section	[A] / [mm <sup>2</sup> ]			
24 / 2.5	20 / -	20 / -	22 / 2.5	

#### Ordering data

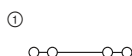
Type	Order No.	Pcs. / Pkt.
MSB 2,5-F	3244041	50
MSB 2,5-F BU	3244054	50

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

Type	Order No.	Pcs. / Pkt.
D-MZB 1,5-F	3024180	50

### Feed-through and multi-conductor terminal blocks

**Notes:**  
 1) For additional accessories and technical data, see page 170.  
 For information on installation and using accessories for Ex applications, see page 602.



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



Ex:   
 PTB 08ATEX1075U / IECEx PTB 08.0048U

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

Width	Length	Height		
10.4	32	22		
I <sub>max.</sub> [A]	U <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
30	800	0.08 - 4	28-12	
IEC	UL / CUL	CSA	Ex	
800	600	600	550	
Nominal current / cross section	[A] / [mm <sup>2</sup> ]			
24 / 2.5	20 / -	20 / -	22 / 2.5	

<b>Dimensions</b>	[mm]
<b>Max. electrical data</b>	
Max. bridge current	[A]
<b>Rated data</b>	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm <sup>2</sup> ]
<b>General data</b>	
Stripping length	[mm]

#### Ordering data

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

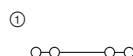
#### Accessories<sup>1)</sup>

Type	Order No.	Pcs. / Pkt.
D-MZB 1,5	3024177	50

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

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

Insertion bridge, fully insulated	2	gray
-----------------------------------	---	------



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



Ex:   
 PTB 08ATEX1075U / IECEx PTB 08.0048U

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

Width	Length	Height		
10.4	32	22		
I <sub>max.</sub> [A]	U <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
30	800	0.08 - 4	28-12	
IEC	UL / CUL	CSA	Ex	
800	600	600	550	
Nominal current / cross section	[A] / [mm <sup>2</sup> ]			
24 / 2.5	20 / -	20 / -	22 / 2.5	

#### Ordering data

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

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

Type	Order No.	Pcs. / Pkt.
D-MZB 1,5-F	3024180	50

# Terminal blocks - CLIPLINE complete

## 2.5 mm<sup>2</sup> ST... spring-cage connection terminal blocks

### Feed-through and multi-conductor terminal blocks

**Notes:**  
 1) For additional accessories and technical data, see page 170.  
 For information on installation and using accessories for Ex applications, see page 602.



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



Ex: PTB 08ATEX1075U / IECEx PTB 08.0048U

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

<b>Dimensions</b>		Width	Length	Height
	[mm]	5.2	32	22
<b>Max. electrical data</b>		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm <sup>2</sup> ]
		30	800	0.08 - 4
Max. bridge current	[A]	-		
<b>Rated data</b>		IEC	UL / CUL	CSA
Rated voltage	[V]	800	600	600
Nominal current / cross section	[A] / [mm <sup>2</sup> ]	24 / 2.5	20 / -	20 / -
<b>General data</b>				Ex
Stripping length	[mm]	8		

#### Ordering data

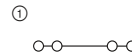
Description	No. of pos.	Color
<b>Terminal block</b> , for direct mounting		gray blue

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

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

<b>Cover</b> , width 4 mm	gray
<b>Insertion bridge</b> , fully insulated	gray
	2

<b>D-MZB 1,5</b>	3024177	50
------------------	---------	----



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



Ex: PTB 08ATEX1075U / IECEx PTB 08.0048U

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

<b>Dimensions</b>		Width	Length	Height
	[mm]	10.4	32	22
<b>Max. electrical data</b>		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm <sup>2</sup> ]
		30	800	0.08 - 4
Max. bridge current	[A]	24		
<b>Rated data</b>		IEC	UL / CUL	CSA
Rated voltage	[V]	800	600	600
Nominal current / cross section	[A] / [mm <sup>2</sup> ]	24 / 2.5	20 / -	20 / -
<b>General data</b>				Ex
Stripping length	[mm]	8		

#### Ordering data

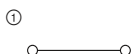
Type	Order No.	Pcs. / Pkt.
<b>MSDB 2,5-RZ</b>	3244339	50
<b>MSDB 2,5-RZ BU</b>	3244342	50

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

<b>D-MZB 1,5</b>	3024177	50	
<b>ESB 2-MZDB</b>	24 A	3029703	10

### Feed-through and multi-conductor terminal blocks

**Notes:**  
 1) For additional accessories and technical data, see page 170.



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



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

#### Ordering data

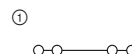
Description	No. of pos.	Color
<b>Terminal block</b>		gray blue

Type	Order No.	Pcs. / Pkt.
<b>MSBV 2,5</b>	3249017	50
<b>MSBV 2,5 BU</b>	3249020	50

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

<b>Cover</b> , width 4 mm	gray
<b>Insertion bridge</b> , fully insulated	gray
	2

<b>D-MSBV 2,5</b>	3251018	50
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**30 A, feed-through terminal block, lateral conductor entry, 4 connections**



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

#### Ordering data

Type	Order No.	Pcs. / Pkt.
<b>MSDBV 2,5</b>	3249143	50
<b>MSDBV 2,5 BU</b>	3249156	50

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

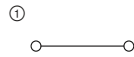
<b>D-MSBV 2,5</b>	3251018	50	
<b>ESB 2-MZDB</b>	24 A	3029703	10



2.5 mm<sup>2</sup> ST... spring-cage connection terminal blocks

Feed-through and multi-conductor terminal blocks

**Notes:**  
1) For additional accessories and technical data, see page 170.



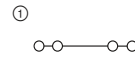
30 A, feed-through terminal block, lateral conductor entry



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

Ordering data			
Description	No. of pos.	Color	Type
Terminal block		gray blue	MSBV 2,5-NS 35 MSBV 2,5-NS 35 BU
			Order No. 3249088 3249091
			Pcs. / Pkt. 50 50

Accessories <sup>1)</sup>		
Description	No. of pos.	Color
Cover, width 4 mm		gray
Insertion bridge, fully insulated	2	gray
D-MSBV 2,5		3251018
		50



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



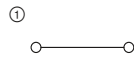
Technical data <sup>1)</sup>				
Dimensions	Width	Length	Height	
[mm]	10.4	42.7	32 (NS 35/7,5)	
Max. electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. $\emptyset$ [mm <sup>2</sup> ]	AWG (UL)
	30	800	0.08 - 4	28-12
Max. bridge current	-			
[A]				
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	800	600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

Ordering data			
Description	No. of pos.	Color	Type
Terminal block		gray blue	MSDBV 2,5-NS 35 MSDBV 2,5-NS 35 BU
			Order No. 3249211 3249224
			Pcs. / Pkt. 50 50

Accessories <sup>1)</sup>		
Description	No. of pos.	Color
Cover, width 4 mm		gray
Insertion bridge, fully insulated	2	gray
D-MSBV 2,5		3251018
		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 170.



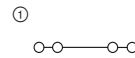
30 A, feed-through terminal block, for grouping



Technical data <sup>1)</sup>				
Dimensions	Width	Length	Height	
[mm]	5.2	32	22	
Max. electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. $\emptyset$ [mm <sup>2</sup> ]	AWG (UL)
	30	800	0.08 - 4	28-12
Max. bridge current	-			
[A]				
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	800	600	600	-
Nominal current / cross section	24 / 2.5 [A] / [mm <sup>2</sup> ]			
General data	Stripping length [mm]			
	8			

Ordering data			
Description	No. of pos.	Color	Type
Terminal block		gray blue	MSBV 2,5-M MSBV 2,5-M BU
			Order No. 3249062 3249075
			Pcs. / Pkt. 50 50

Accessories <sup>1)</sup>		
Description	No. of pos.	Color
Cover, width 4 mm		gray
Insertion bridge, fully insulated	2	gray
D-MSBV 2,5		3251018
		50



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



Technical data <sup>1)</sup>				
Dimensions	Width	Length	Height	
[mm]	10.4	32	22	
Max. electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. $\emptyset$ [mm <sup>2</sup> ]	AWG (UL)
	30	800	0.08 - 4	28-12
Max. bridge current	-			
[A]				
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	800	600	600	-
Nominal current / cross section	24 / 2.5 [A] / [mm <sup>2</sup> ]			
General data	Stripping length [mm]			
	8			

Ordering data			
Description	No. of pos.	Color	Type
Terminal block		gray blue	MSDBV 2,5-M MSDBV 2,5-M BU
			Order No. 3249198 3249208
			Pcs. / Pkt. 50 50

Accessories <sup>1)</sup>		
Description	No. of pos.	Color
Cover, width 4 mm		gray
Insertion bridge, fully insulated	2	gray
D-MSBV 2,5		3251018
		50
ESB 2-MZDB	24 A	3029703
		10

# Terminal blocks - CLIPLINE complete

## 4 mm<sup>2</sup> ST... spring-cage connection terminal blocks

### General technical data for 4 mm<sup>2</sup> ST... spring-cage connection terminal blocks

<b>Rated data</b>	IEC 60947-7-1 / IEC 60947-7-2 / IEC 60947-7-3			
Rated cross section	[mm <sup>2</sup> ]	4		
Cross section range	AWG	28 - 10		
<b>Connection capacity</b>		solid	stranded	Ferrule without/with plastic sleeve
1 conductor	[mm <sup>2</sup> ]	0.08 - 6	0.08 - 4	0.14 - 4 / 0.14 - 4
2 stranded conductors with a TWIN ferrule	[mm <sup>2</sup> ]	-	-	- / 0.5 - 1
<b>General data</b>				
Stripping length	[mm]	8 - 10		
Insulating material		PA		
Inflammability class according to UL 94		VO		
<b>Note: additional or deviating data is documented for the product.</b>				

#### Notes:

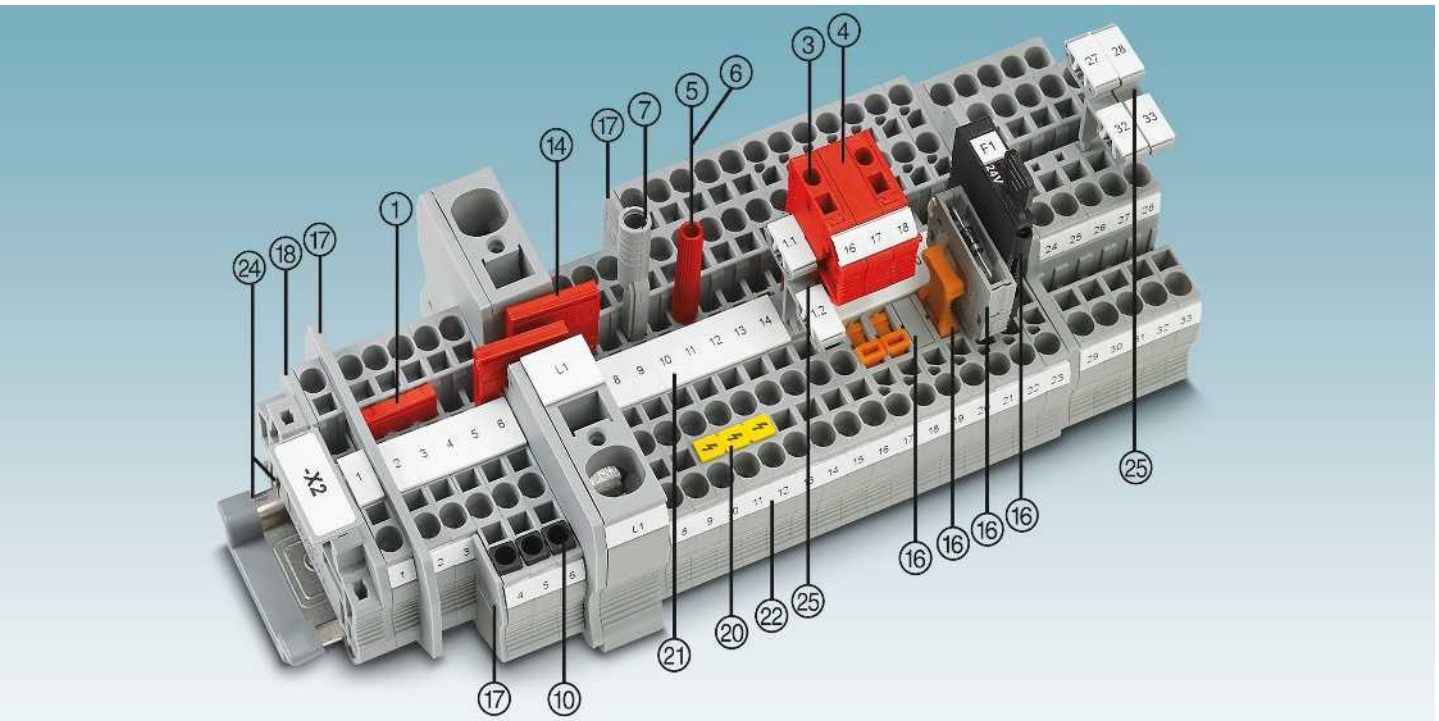


In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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

<sup>1)</sup> The bridge current is documented for the respective product. For additional colors, see page 340.

### System accessories for 4 mm<sup>2</sup> ST... spring-cage connection terminal blocks



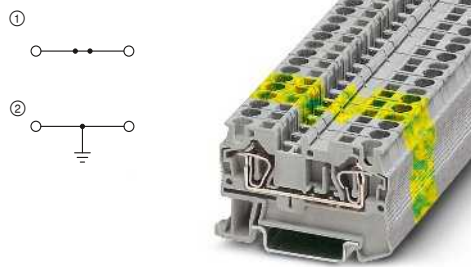
Description	Number of positions	Color	Type	Order No.	Pcs. / Pkt.	Type	Order No.	Pcs. / Pkt.
① Jumper <sup>1)</sup>	2	red	FBS 2-6	3030336	50	FBSR 2-6	3033715	50
	3	red	FBS 3-6	3030242	50	FBSR 3-6	3001594	50
	4	red	FBS 4-6	3030255	50	FBSR 4-6	3001595	50
	5	red	FBS 5-6	3030349	50	FBSR 5-6	3001596	50
	10	red	FBS 10-6	3030271	10	FBSR 10-6	3033716	10
20	red	FBS 20-6	3030365	10				
③ Modular test plug		red	PS-6	3030996	10			
④ Spacer plate		red	DP PS-6	3036738	10			
⑤ Test plug metal part		silver	MPS-MT	0201744	10			
⑥ Insulating sleeve, for MPS metal part		red	MPS-IH RD	0201676	10			
⑦ Test adapter, 4 mm socket hole		gray	PAI-4-N GY	3032871	10			
⑩ Insulating sleeve, 0.25 - 0.5 mm <sup>2</sup> 0.75 - 1 mm <sup>2</sup>		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 344.
⑮ Fuse and function plugs for disconnect terminal blocks	For P-FU ... / P-DI / P-FIX / P-CO ..., see page 349 onwards.
⑰ Partition plates/end cover segments	For ATP-... / DS-..., visit phoenixcontact.net/products
⑱ Cover	Documented for the product.
⑲ Warning labels	For WS ..., see page 353.
⑳ Center groove marking	UC-TM 6, UCT-TM 6 or ZB 6. See also Catalog 5, selection tables from page 100.
㉑ Center and lateral groove marking	UC-TMF 6, UCT-TMF 6 or ZBF 6. See also Catalog 5, selection tables from page 100.
㉒ DIN rails and end brackets	See Catalog 5.
㉓ Marker carrier	For STP ..., see page 352.
For full accessories, visit phoenixcontact.net/products	Note: additional or deviating accessories are documented for the product.

## 4 mm<sup>2</sup> ST... spring-cage connection terminal blocks

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

**Notes:**  
 1) For additional accessories and technical data, see page 186.  
 For information on installation and using accessories for Ex applications, see page 602.



40 A, feed-through terminal block

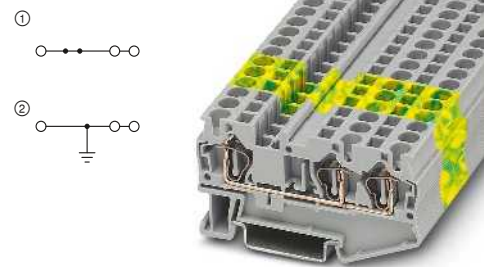
Ex: 
  
 KEMA 00ATEX2129U / IECEx KEM 06.0050U

Technical data <sup>1)</sup>				
Width	Length	Height		
6.2	56	36.5 (NS 35/7,5)		
$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	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 <sup>2</sup> ]	32 / 4	30 / -	30 / 4

Ordering data			
Type	Order No.	Pcs. / Pkt.	
ST 4	3031364	①	50
ST 4 BU	3031377	①	50
ST 4-PE	3031380	②	50

Accessories <sup>1)</sup>		
D-ST 4	3030420	50

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



40 A, feed-through terminal block, 3 connections

Ex: 
  
 KEMA 00ATEX2129U / IECEx KEM 06.0050U

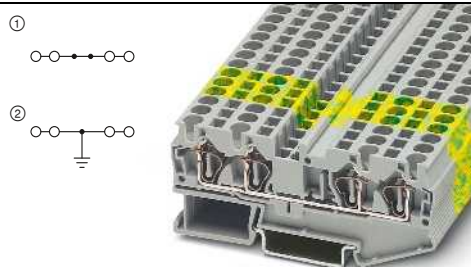
Technical data <sup>1)</sup>				
Width	Length	Height		
6.2	71.5	36.5 (NS 35/7,5)		
$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
40	800	0.08 - 6	28-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	600	600	550	
Nominal current / cross section	[A] / [mm <sup>2</sup> ]	32 / 4	30 /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

Ordering data			
Type	Order No.	Pcs. / Pkt.	
ST 4-TWIN	3031393	①	50
ST 4-TWIN BU	3031403	①	50
ST 4-TWIN-PE	3031416	②	50

Accessories <sup>1)</sup>		
D-ST 4-TWIN	3030491	50

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

**Notes:**  
 1) For additional accessories and technical data, see page 186.  
 For information on installation and using accessories for Ex applications, see page 602.



40 A, feed-through terminal block, 4 connections

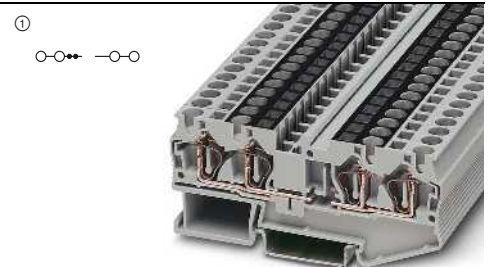
Ex: 
  
 KEMA 00ATEX2129U / IECEx KEM 06.0050U

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

Ordering data			
Type	Order No.	Pcs. / Pkt.	
ST 4-QUATTRO	3031445	①	50
ST 4-QUATTRO BU	3031458	①	50
ST 4-QUATTRO-PE	3031461	②	50

Accessories <sup>1)</sup>		
D-ST 4-QUATTRO	3030527	50

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



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

Ex:

Technical data <sup>1)</sup>				
Width	Length	Height		
6.2	87	36.5 (NS 35/7,5)		
$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	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 <sup>2</sup> ]	28 / 4	30 / -	-

Ordering data			
Type	Order No.	Pcs. / Pkt.	
ST 4-QUATTRO-U	3038639	①	50

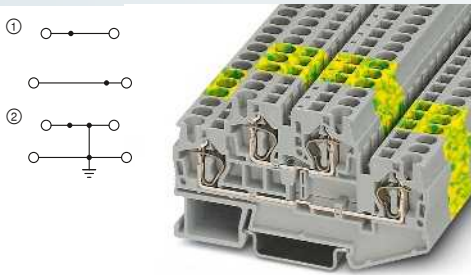
Accessories <sup>1)</sup>		
D-ST 4-QUATTRO	3030527	50

# Terminal blocks - CLIPLINE complete

## 4 mm<sup>2</sup> ST... spring-cage connection terminal blocks

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

**Notes:**  
 1) For additional accessories and technical data, see page 186.  
 For information on installation and using accessories for Ex applications, see page 602.



32 A, double-level terminal block



Ex: KEMA 00ATEX2129U / IECEx KEM 06.0050U

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

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

Width	Length	Height	
6.2	83.5	47.5 (NS 35/7,5)	
$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)
32	500	0.08 - 6	28-10
26 (FBS) / 24 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	600	300	440
30 / 4	30 / -	30 / -	26.5 / 4

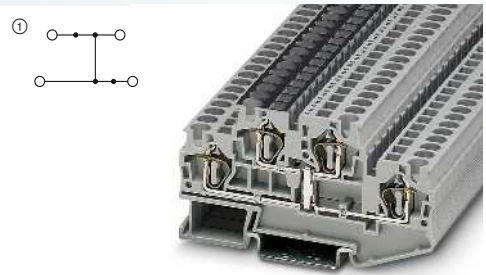
#### Ordering data

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

<b>Type</b>	<b>Order No.</b>	<b>Pcs. / Pkt.</b>
STTB 4	① 3031429	50
STTB 4 BU	① 3031432	50
STTB 4-PE	② 3036039	50

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

<b>D-STTB 4</b>	3030462	50
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32 A, double-level terminal block, with equipotential bonding



Ex: KEMA 00ATEX2129U / IECEx KEM 06.0050U

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

Width	Length	Height	
6.2	83.5	47.5 (NS 35/7,5)	
$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)
32	500	0.08 - 6	28-10
22 (FBS) / 22 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	600	300	440
30 / 4	30 / -	30 / -	26.5 / 4

#### Ordering data

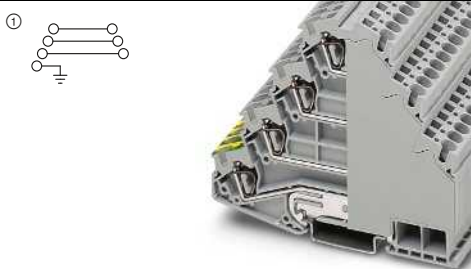
<b>Type</b>	<b>Order No.</b>	<b>Pcs. / Pkt.</b>
STTB 4-PV	① 3031542	50

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

<b>D-STTB 4</b>	3030462	50
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### Multi-level terminal block

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



32 A, four-level terminal block with PE foot



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

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

Width	Length	Height	
6.2	101	83.5 (NS 35/7,5)	
$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)
32	800	0.08 - 6	28-10
IEC	UL / CUL	CSA	Ex
800	600	600	-
28 / 4	30 / -	30 / -	-

#### Ordering data

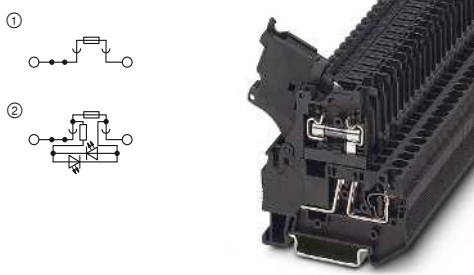
Description	Color
<b>Terminal block</b>	gray

<b>Type</b>	<b>Order No.</b>	<b>Pcs. / Pkt.</b>
ST 4-PE/3L	① 3038338	50



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

<b>Notes:</b>
1) For additional accessories and technical data, see page 186.
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 light indicator. 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 <sup>1)</sup>				
Width	Length	Height		
6.2	61.5	62.5 (NS 35/7,5)		
$I_{max}$ [A]	$U_{max}$ [V]	max. $\emptyset$ [mm <sup>2</sup> ]	AWG (UL)	
6.3 <sup>3)</sup>	500 <sup>3)</sup>	0.08 - 6	28-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500 <sup>3)</sup>	300	300	-	
Nominal current / cross section	[A] / [mm <sup>2</sup> ]			
6.3 <sup>3)</sup> / 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



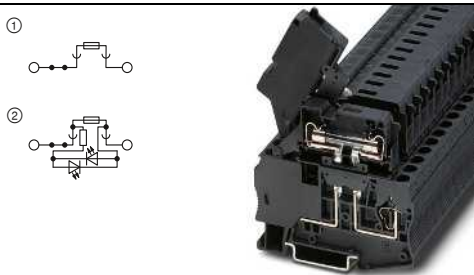
Technical data <sup>1)</sup>				
Width	Length	Height		
6.2	61.5	62.5 (NS 35/7,5)		
$I_{max}$ [A]	$U_{max}$ [V]	max. $\emptyset$ [mm <sup>2</sup> ]	AWG (UL)	
20	500	0.08 - 6	-	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	-	-	-	
Nominal current / cross section	[A] / [mm <sup>2</sup> ]			
20 / 2.5	-	-		-

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

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

Fuse terminal blocks

<b>Notes:</b>
1) For additional accessories and technical data, see page 186.
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 light indicator. Observe the maximum power dissipation, see phoenixcontact.net/products.
The recommended continuous load capacity of the fuse-links according to DIN 72581/Part 3 is max. 80 percent of their nominal current (at an ambient temperature of 23°C)

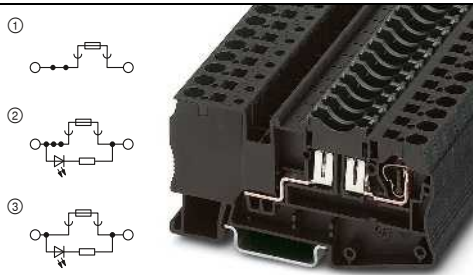


10 A, lever-type fuse terminal block, for 6.3 x 32 mm cartridge fuses



Technical data <sup>1)</sup>				
Width	Length	Height		
8.2	76.5	69 (NS 35/7,5)		
$I_{max}$ [A]	$U_{max}$ [V]	max. $\emptyset$ [mm <sup>2</sup> ]	AWG (UL)	
10 <sup>4)</sup>	400	0.08 - 6	28-10	
32 (FBS)				
IEC	UL / CUL	CSA	Ex	
400	300	300	-	
Nominal current / cross section	[A] / [mm <sup>2</sup> ]			
10 <sup>4)</sup> / 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 <sup>1)</sup>				
Width	Length	Height		
8.2	86.5	43.5 (NS 35/7,5)		
$I_{max}$ [A]	$U_{max}$ [V]	max. $\emptyset$ [mm <sup>2</sup> ]	AWG (UL)	
30 <sup>3)</sup>	400 <sup>4)</sup>	0.08 - 6	28-10	
41 (FBS)				
IEC	UL / CUL	CSA	Ex	
400 <sup>4)</sup>	300	300	-	
Nominal current / cross section	[A] / [mm <sup>2</sup> ]			
30 <sup>3)</sup> / 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		

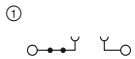
Dimensions	
	[mm]
Max. electrical data	
Max. bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm <sup>2</sup> ]
Description	
<b>Fuse terminal block</b>	Color
With LED for 12 – 30 V AC/DC, 0.31 – 0.95 mA <sup>2)</sup>	black
	black
110 – 250 V AC/DC, 0.41 – 0.96 mA <sup>2)</sup>	black
<b>Fuse terminal block, for flat-type fuses</b>	black
With light indicator for 12 V DC, 1.7 mA <sup>2)</sup>	black
With light indicator for 24 V DC, 1.9 mA <sup>2)</sup>	black

# Terminal blocks - CLIPLINE complete

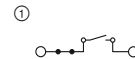
## 4 mm<sup>2</sup> ST... spring-cage connection terminal blocks

### Disconnect and knife disconnect terminal blocks

**Notes:**  
 1) For additional accessories and technical data, see page 186.  
 2) Current and voltage are determined by the plug used.



20 A, disconnect terminal block



20 A, knife disconnect terminal block



Technical data <sup>1)</sup>				
Width	Length	Height		
6.2	61.5	36.5 (NS 35/7,5)		
I <sub>max.</sub> [A]	U <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
20 <sup>2)</sup>	500 <sup>2)</sup>	0.08 - 6	28-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500 <sup>2)</sup>	300	300	-	
20 <sup>2)</sup> / 2.5	10 / -	16 / -	-	

Ordering data			
Type	Order No.	Pcs. / Pkt.	
ST 4-TG	3038367	50	

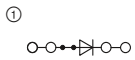


Technical data <sup>1)</sup>				
Width	Length	Height		
6.2	61.5	36.5 (NS 35/7,5)		
I <sub>max.</sub> [A]	U <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
20	500	0.08 - 6	28-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	300	300	-	
20 <sup>2)</sup> / 2.5	10 / -	16 / -	-	

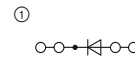
Ordering data			
Type	Order No.	Pcs. / Pkt.	
ST 4-MT	3038875	50	

### Diode terminal blocks

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



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



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



Technical data <sup>1)</sup>				
Width	Length	Height		
6.2	87	36.5 (NS 35/7,5)		
I <sub>max.</sub> [A]	U <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
1.5	800	0.08 - 6	-	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	-	-	-	
1.5 / 1	-	-	-	

Ordering data			
Type	Order No.	Pcs. / Pkt.	
ST 4-QUATTRO-DIO 1N 5408/L-R	3037782	50	

Accessories <sup>1)</sup>			
Type	Order No.	Pcs. / Pkt.	
D-ST 4-QUATTRO	3030527	50	



Technical data <sup>1)</sup>				
Width	Length	Height		
6.2	87	36.5 (NS 35/7,5)		
I <sub>max.</sub> [A]	U <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
1.5	800	0.08 - 6	-	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	-	-	-	
1.5 / 1	-	-	-	

Ordering data			
Type	Order No.	Pcs. / Pkt.	
ST 4-QUATTRO-DIO 1N 5408/R-L	3037795	50	

Accessories <sup>1)</sup>			
Type	Order No.	Pcs. / Pkt.	
D-ST 4-QUATTRO	3030527	50	

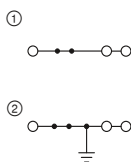
## 4 mm<sup>2</sup> ST... spring-cage connection terminal blocks

### Hybrid terminal blocks with screw connection on one side, 4 (6) mm<sup>2</sup>

**Notes:**

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

2) For screw connection rated data, see page 40.



**38 A, feed-through terminal block, 3 connections**



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

<b>Dimensions</b>	[mm]
<b>Max. electrical data</b>	
Max. bridge current	[A]
<b>Rated data<sup>2)</sup></b>	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm <sup>2</sup> ]
Cross section range	AWG

Width	Length	Height		
6.2	74.4	42.8 (NS 35/7,5)		
$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
38	800	0.08 - 6	28-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	600	600	-	
32 / 4	30 / -	30 / -	-	
26 - 10	-	-	-	

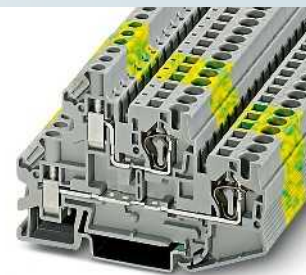
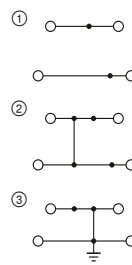
**Ordering data**

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

<b>Type</b>	<b>Order No.</b>	<b>Pcs. / Pkt.</b>
STU 4-TWIN	① 3033058	50
STU 4-TWIN BU	① 3033061	50
STU 4-TWIN-PE	② 3033074	50

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

<b>D-ST 4</b>	3030420	50
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**32 A, double-level terminal block**



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

Width	Length	Height		
6.2	81	55.5 (NS 35/7,5)		
$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
32	500	0.08 - 6	-	
22 (FBS) / 22 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	-	-	-	
30 / 4	-	-	-	
28 - 10	-	-	-	

**Ordering data**

<b>Type</b>	<b>Order No.</b>	<b>Pcs. / Pkt.</b>
STTBU 4	① 3033155	50
STTBU 4 BU	① 3033168	50
STTBU 4-PV	② 3033184	50
STTBU 4-PE	③ 3033171	50

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

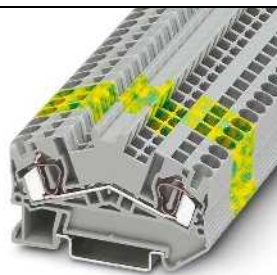
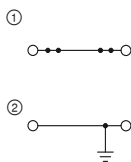
<b>D-ST 4-TWIN</b>	3030491	50
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### Desk-design terminal blocks

**Notes:**

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

For information on installation and using accessories for Ex applications, see page 602.



**38 A, feed-through terminal block**



Ex: PTB 07ATEX1027U / IECEx PTB 07.0024U

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

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

Width	Length	Height		
6.2	64.5	43 (NS 35/7,5)		
$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
38	800	0.08 - 6	28-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	600	600	550	
32 / 4	30 / -	30 / -	28.5 / 4	

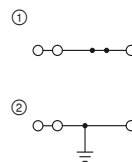
**Ordering data**

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

<b>Type</b>	<b>Order No.</b>	<b>Pcs. / Pkt.</b>
STS 4	① 3036424	50
STS 4 BU	① 3036437	50
STS 4-PE	② 3036440	50

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

<b>D-STs 4</b>	3031704	50
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**38 A, feed-through terminal block, 3 connections**



Ex: PTB 07ATEX1027U / IECEx PTB 07.0024U

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

Width	Length	Height		
6.2	64.5	43 (NS 35/7,5)		
$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
38	800	0.08 - 6	28-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	600	600	550	
32 / 4	30 / -	30 / -	30 / 4	

**Ordering data**

<b>Type</b>	<b>Order No.</b>	<b>Pcs. / Pkt.</b>
STS 4-TWIN	① 3031665	50
STS 4-TWIN BU	① 3036291	50
STS 4-TWIN-PE	② 3031678	50

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

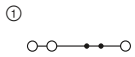
<b>D-STs 4</b>	3031704	50
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# Terminal blocks - CLIPLINE complete

## 4 mm<sup>2</sup> ST... spring-cage connection terminal blocks

### Desk-design terminal blocks

**Notes:**  
 1) For additional accessories and technical data, see page 186.  
 For information on installation and using accessories for Ex applications, see page 602.



**38 A, feed-through terminal block, 3 connections**



Technical data <sup>1)</sup>				
Width	Length	Height		
6.2	64.6	43 (NS 35/7,5)		
I <sub>max.</sub> [A]	U <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
38	800	0.08 - 6	28-10	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	600	-	-	
Nominal current / cross section [A] / [mm <sup>2</sup> ]				
32 / 4		30 / -		

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

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

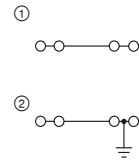
Dimensions		[mm]
Max. electrical data		
Max. bridge current	[A]	32 (FBS) / 24 (FBSR)
Rated data		
Rated voltage	[V]	800
Nominal current / cross section		[A] / [mm <sup>2</sup> ]
32 / 4		30 / -

Description	Color
Terminal block	gray
Ground terminal	green-yellow

Cover, width 2.2 mm		gray



**38 A, feed-through terminal block, 4 connections**



Ex: Ex  
 PTB 07ATEX1027U / IECEx PTB 07.0024U

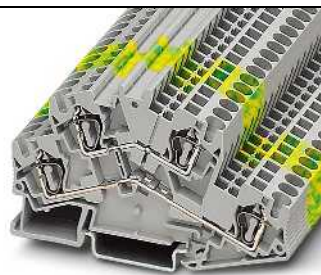
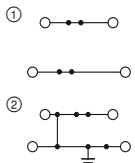
Technical data <sup>1)</sup>				
Width	Length	Height		
6.2	64.5	43 (NS 35/7,5)		
I <sub>max.</sub> [A]	U <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
38	800	0.08 - 6	28-10	
24				
IEC	UL / CUL	CSA	Ex	
800	600	600	550	
Nominal current / cross section [A] / [mm <sup>2</sup> ]				
32 / 4		30 / -		

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

Accessories <sup>1)</sup>			
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 186.



**34 A, double-level terminal block**



Technical data <sup>1)</sup>				
Width	Length	Height		
6.2	92.4	55 (NS 35/7,5)		
I <sub>max.</sub> [A]	U <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
34	500	0.08 - 6	28-10	
28 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	600	600	-	
Nominal current / cross section [A] / [mm <sup>2</sup> ]				
28 / 4		30 / -		

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

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

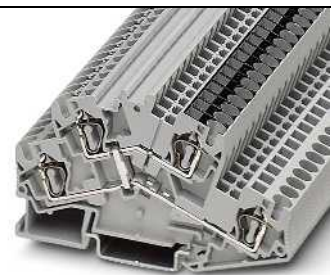
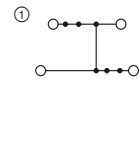
Dimensions		[mm]
Max. electrical data		
Max. bridge current	[A]	28 (FBS) / 24 (FBSR)
Rated data		
Rated voltage	[V]	500
Nominal current / cross section		[A] / [mm <sup>2</sup> ]
28 / 4		30 / -

Description	Color
Terminal block	gray
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 <sup>1)</sup>				
Width	Length	Height		
6.2	92.4	55 (NS 35/7,5)		
I <sub>max.</sub> [A]	U <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
34	500	0.08 - 6	28-10	
28 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	600	600	-	
Nominal current / cross section [A] / [mm <sup>2</sup> ]				
28 / 4		30 / -		

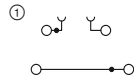
Ordering data			
Type	Order No.	Pcs. / Pkt.	
STTBS 4-PV	① 3035085	50	

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

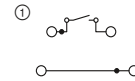


**Desk-design disconnect and knife disconnect terminal blocks**

<b>Notes:</b>
1) For additional accessories and technical data, see page 186.
2) Current and voltage are determined by the plug used.
3) Lower level



**4 (6) mm<sup>2</sup>, 34 A, double-level terminal block with disconnect zone**



**4 (6) mm<sup>2</sup>, 34 A, double-level knife disconnect terminal block**



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

Ordering data			
Description	Type	Order No.	Pcs. / Pkt.
Disconnect terminal block	STTBS 4-TG	3035483	50
Knife disconnect terminal block			

Accessories <sup>1)</sup>			
Description	Type	Order No.	Pcs. / Pkt.
Cover, width 2.2 mm	D-STTBS 4-MT	3035548	50



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

Ordering data			
Description	Type	Order No.	Pcs. / Pkt.
Disconnect terminal block	STTBS 4-MT	3035470	50
Knife disconnect terminal block	STTBS 4-MT BU	3035522	50

Accessories <sup>1)</sup>			
Description	Type	Order No.	Pcs. / Pkt.
Cover, width 2.2 mm	D-STTBS 4-MT	3035548	50

# Terminal blocks - CLIPLINE complete

## 6 mm<sup>2</sup> ST... spring-cage connection terminal blocks

### General technical data for 6 mm<sup>2</sup> ST... spring-cage connection terminal blocks

<b>Rated data</b>		IEC 60947-7-1 / IEC 60947-7-2 / IEC 60947-7-3			
Rated cross section	[mm <sup>2</sup> ]	6			
Cross section range	AWG	24 - 8			
<b>Connection capacity</b>		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm <sup>2</sup> ]	0.2 - 10	0.2 - 6	0.25 - 6	0.25 - 6
2 stranded conductors with a TWIN ferrule	[mm <sup>2</sup> ]	-	-	-	0.5 - 1.5
<b>General data</b>					
Stripping length	[mm]	12			
Insulating material		PA			
Inflammability class according to UL 94		VO			
<b>Note: additional or deviating data is documented for the product.</b>					

#### Notes:

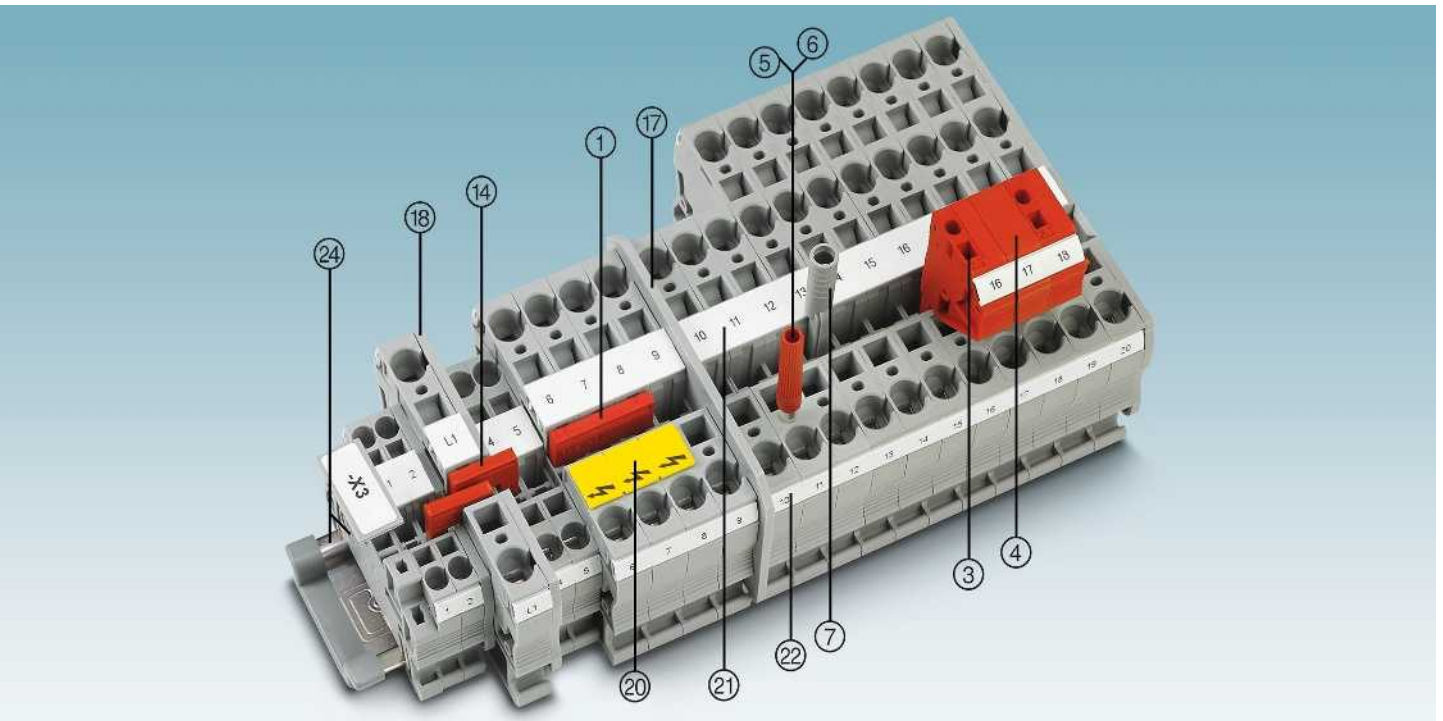


In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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

<sup>1)</sup> The bridge current is documented for the respective product. For additional colors, see page 340.

### System accessories for 6 mm<sup>2</sup> ST... spring-cage connection terminal blocks



Description	Number of positions	Color	Type	Order No.	Pcs. / Pkt.	Type	Order No.	Pcs. / Pkt.
① Jumper <sup>1)</sup>	2	red	FBS 2-8	3030284	10	FBSR 2-8	3033808	10
	3	red	FBS 3-8	3030297	10	FBSR 3-8	3001597	10
	4	red	FBS 4-8	3030307	10	FBSR 4-8	3000585	10
	5	red	FBS 5-8	3030310	10	FBSR 5-8	3033809	10
	10	red	FBS 10-8	3030323	10	FBSR 10-8	3001599	10
	16	red				FBSR 16-8	3033816	10
③ Modular test plug		red	PS-8	3031005	10			
④ Spacer plate		red	DP PS-8	3036741	10			
⑤ Test plug metal part		silver	MPS-MT	0201744	10			
⑥ Insulating sleeve, for MPS metal part		red	MPS-IH RD	0201676	10			
⑦ Test adapter, 4 mm socket hole		gray	PAI-4-N GY	3032871	10			
Screwdriver			SZF 2-0,8X4,0	1204520	10			

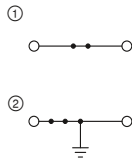
⑭ Reducing bridge
⑰ Partition plates/end cover segments
⑱ Cover
⑳ Warning labels
㉑ Center groove marking
㉒ Center and lateral groove marking
㉓ DIN rails and end brackets
For full accessories, visit phoenixcontact.net/products

For RB ..., see page 344.
For ATP-... / DS-..., visit phoenixcontact.net/products
Documented for the product.
For WS ..., see page 353.
UC-TM 8, UCT-TM 8 or ZB 8. See also Catalog 5, selection tables from page 100.
UC-TMF 8, UCT-TMF 8 or ZBF 8. See also Catalog 5, selection tables from page 100.
See Catalog 5.
Note: additional or deviating accessories are documented for the product.

6 mm<sup>2</sup> ST... spring-cage connection terminal blocks

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

**Notes:**  
 1) For additional accessories and technical data, see page 194.  
 For information on installation and using accessories for Ex applications, see page 602.



52 A, feed-through terminal block

UL, IEC, ENEC, VDE, TÜV, CE, KTR, ClassNK, CB  
 Ex: Ex I, Ex II  
 KEMA 00ATEX2129U / IECEx KEM 06.0050U

Technical data <sup>1)</sup>			
Width	Length	Height	
8.2	69.5	43.5 (NS 35/7,5)	
I <sub>max.</sub> [A]	U <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)
52	1000	0.2 - 10	24-8
41 (FBS) / 32 (FBSR)			
IEC	UL / CUL	CSA	Ex
1000	600	600	550
Nominal current / cross section	[A] / [mm <sup>2</sup> ]		
41 / 6	50 / -		

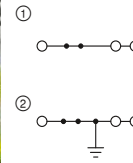
Ordering data			
Type	Order No.	Pcs. / Pkt.	
ST 6	3031487	50	
ST 6 BU	3031490	50	
ST 6-PE	3031500	50	

Accessories <sup>1)</sup>		
D-ST 6	Order No.	Pcs. / Pkt.
D-ST 6	3030433	50

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

Description	Color
Terminal block	gray
Ground terminal	green-yellow

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

UL, IEC, ENEC, VDE, TÜV, CE, KTR, ClassNK, CB  
 Ex: Ex I, Ex II  
 KEMA 00ATEX2129U / IECEx KEM 06.0050U

Technical data <sup>1)</sup>			
Width	Length	Height	
8.2	90.5	43.5 (NS 35/7,5)	
I <sub>max.</sub> [A]	U <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)
52	1000	0.2 - 10	24-8
41 (FBS) / 32 (FBSR)			
IEC	UL / CUL	CSA	Ex
1000	600	600	550
Nominal current / cross section	[A] / [mm <sup>2</sup> ]		
41 / 6	50 / -		

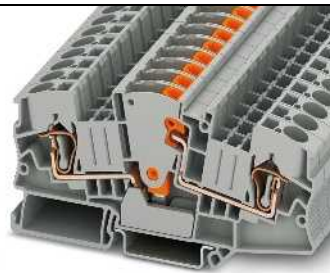
Ordering data		
Type	Order No.	Pcs. / Pkt.
ST 6-TWIN	3036466	50
ST 6-TWIN BU	3036479	50
ST 6-TWIN-PE	3036482	50

Accessories <sup>1)</sup>		
D-ST 6-TWIN	Order No.	Pcs. / Pkt.
D-ST 6-TWIN	3036767	50

Test disconnect terminal blocks

– Rated voltage of 1000 V

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



30 A, 1000 V, disconnect terminal block

UL, IEC, ENEC

Technical data <sup>1)</sup>			
Width	Length	Height	
8.2	100.8	49.6 (NS 35/7,5)	
I <sub>max.</sub> [A]	U <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)
30	1000	0.2 - 10	24-8
41 (FBS) / 32 (FBSR)			
IEC	UL / CUL	CSA	Ex
1000	600	600	-
Nominal current / cross section	[A] / [mm <sup>2</sup> ]		
30 / 6	30 / -		

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

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

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

Description	Color
Terminal block	gray
	blue

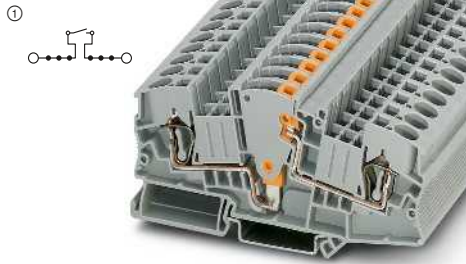
Cover, width 2.2 mm	gray
---------------------	------

# Terminal blocks - CLIPLINE complete

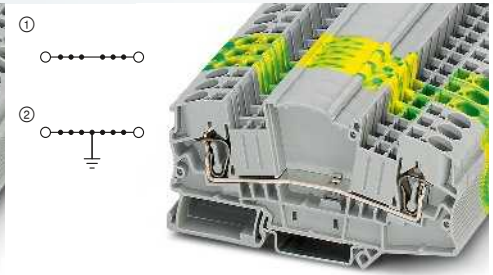
## 6 mm<sup>2</sup> ST... spring-cage connection terminal blocks

### Test disconnect terminal blocks

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



30 A, test disconnect terminal block



41 A, feed-through terminal block, same shape



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

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

Accessories <sup>1)</sup>			
Description	Order No.	Pcs. / Pkt.	
D-DTME 6	3034426	10	



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

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

Accessories <sup>1)</sup>			
Description	Order No.	Pcs. / Pkt.	
D-DTME 6	3034426	10	

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



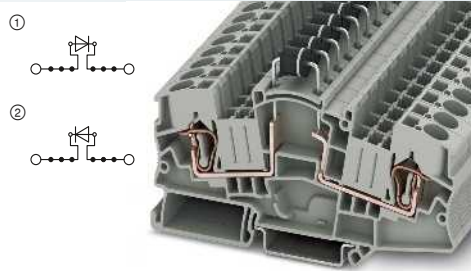
- Current transformer measuring circuit can be created using just two STME 6
- Less space required compared to creating circuits with slide-type terminal blocks
- ① FBS... jumper for cross connection
- ② 4 mm Ø PAI-4-FIX... test plug adapter
- ③ S-ME 6 switching lock
- ④ SB-ME... switching jumper
- ⑤ C-ME 6/2 connection bridge

Ordering data			
Description	No. of pos.	Color	
Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft	1	orange	PAI-4-FIX OG
	1	yellow	PAI-4-FIX YE
	1	green	PAI-4-FIX GN
	1	violet	PAI-4-FIX VT
	1	black	PAI-4-FIX BK
	1	blue	PAI-4-FIX BU
	1	red	PAI-4-FIX RD
	1	gray	PAI-4-FIX GY
	1	brown	PAI-4-FIX BN
Switching lock, plug-in		white	S-ME 6
Switching jumper, plug-in	2	gray/orange	SB-ME 2-8
	3	gray/orange	SB-ME 3-8
	4	gray/orange	SB-ME 4-8
Operating lever, for actuating 2 test disconnect terminal blocks	2	orange	C-ME 6/2
	3	orange	C-ME 6/3



### Diode terminal blocks

<b>Notes:</b>
1) For additional accessories and technical data, see page 194.
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



Terminal block, for soldering a component

ERL e RA

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

Ordering data			
Type	Order No.	Pcs. / Pkt.	
STME 6-DIO/L-R HV	① 3035691	50	
STME 6-DIO/R-L HV	② 3035692	50	

Accessories <sup>1)</sup>			
D-DTME 6	3034426	10	
DP-STMED 6	3035690	50	

ERL

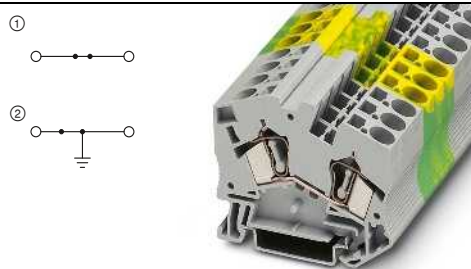
Technical data <sup>1)</sup>				
Width	Length	Height		
8.2	100.8	60 (NS 35/7,5)		
$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
5 <sup>2)</sup>	500	0.2 - 10	-	
41 (FBS) / 32 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	-	-	-	
Nominal current / cross section	[A] / [mm <sup>2</sup> ]	30 / 6	-	

Ordering data			
Type	Order No.	Pcs. / Pkt.	
STME 6-BE	① 3035688	50	

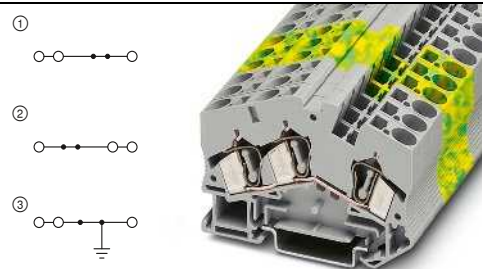
Accessories <sup>1)</sup>			
D-DTME 6	3034426	10	
DP-STMED 6	3035690	50	

### Desk-design terminal blocks

<b>Notes:</b>
1) For additional accessories and technical data, see page 194.



57 A, feed-through terminal block



57 A, feed-through terminal block, 3 connections

ERL e RA ABS ClassNK CB

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

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

Accessories <sup>1)</sup>			
D-ST5 6	3038189	50	

ERL e RA ABS ClassNK CB

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

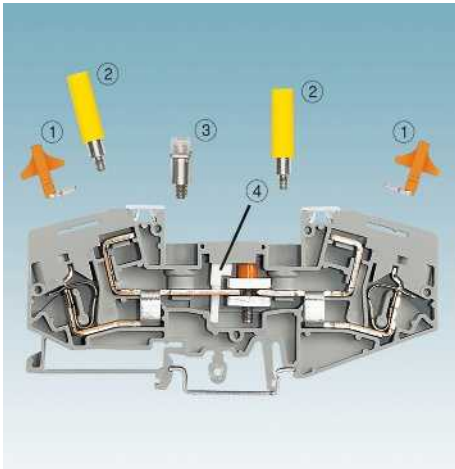
Ordering data			
Type	Order No.	Pcs. / Pkt.	
STS 6-TWIN	① 3038150	50	
STS 6-TWIN BU	② 3038163	50	
STS 6-TWIN-PE	③ 3038176	50	

Accessories <sup>1)</sup>			
D-ST5 6-TWIN	3038202	50	

# Terminal blocks - CLIPLINE complete

## 6 mm<sup>2</sup> ST... spring-cage connection terminal blocks

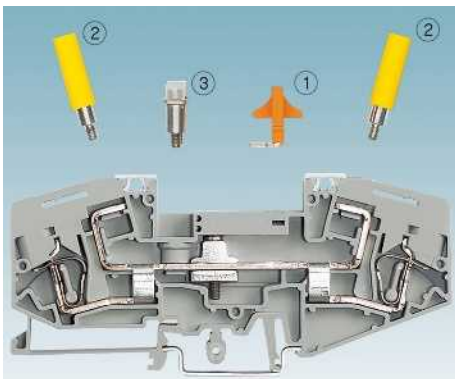
### Test disconnect terminal blocks



- The SRTK 6 test disconnect terminal block and the SGSK 6 slide-type terminal block have been 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
- SB... switch bar
  - 4 mm Ø PSBJ-URTK 6... test sockets
  - FBRI 10-8 N fixed bridge for cross connection
  - S-URTK/SP switching lock

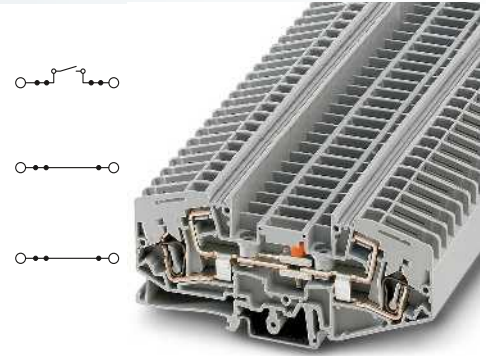
### Slide-type terminal blocks

- 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

<b>Notes:</b>
For technical data, see page 194.
S-URTK/SP switching lock can only be used with SRTK 6.



45 A, test disconnect terminal block



<b>Dimensions</b>		[mm]
<b>Max. electrical data</b>		
<b>Rated data</b>		
Rated voltage		[V]
Nominal current / cross section		[A] / [mm <sup>2</sup> ]
<b>Connection capacity</b>		
1 conductor		[mm <sup>2</sup> ]
2 stranded conductors with a TWIN ferrule		[mm <sup>2</sup> ]
<b>General data</b>		
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 <sub>max</sub> [A]	U <sub>max</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)
45	400	0.2 - 10	18-8
IEC 60947-7-1			
IEC	UL	CSA	IEC/EN 60079-7
Rated voltage		Nominal current / cross section	
400	300	-	-
41 / 6	40 / -	-	-
<b>Connection capacity</b>		Ferrule	
		without/with plastic sleeve	
solid	stranded	0.25 - 6	0.25 - 6
0.2 - 10	0.2 - 6	-	0.5 - 1.5
<b>General data</b>			
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

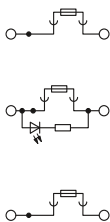
Ordering data			
Type	I <sub>max</sub>	Order No.	Pcs. / Pkt.
SRTK 6		3029952	50
SGSK 6		3029965	50
SRDK 6		3029973	50

Accessories	No. of pos.	Color
Cover, width 2 mm		gray
Switching jumper, complete		
	2	orange
	3	orange
	4	orange
	10	orange
for bridging between non-adjacent terminals	10	orange
Fixed bridge, isolated		
	10	silver
Switching lock, excludes the possibility of 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.		black
Screwdriver		
Center groove marking		

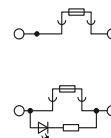
Accessories			
Type	I <sub>max</sub>	Order No.	Pcs. / Pkt.
D-SRTK 6		3029981	10
SB 2-8-T	41 A	3026366	10
SB 3-8-T	41 A	3026492	10
SB 4-8-T	41 A	3026379	10
SB 10-8-T	41 A	3026382	10
SB 10-8-T SO	41 A	3026395	10
FBRI 10-8 N	41 A	2772080	10
S-URTK/SP		0311155	50
PSBJ-URTK 6 FARBLOS		3026450	10
PSBJ-URTK 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 5)			

Fuse terminal blocks

**Notes:**  
 1) If the fuse is faulty, the downstream circuit is not off load.  
 2) The current is determined by the fuse used, the voltage by the selected light indicator. Observe the maximum power dissipation, see phoenixcontact.net/products.



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



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



Technical data				
Width	Length	Height NS 35/7,5		
12	86.5	56.5		
I <sub>max</sub> [A]	U <sub>max</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
10 <sup>2</sup>	800 <sup>2</sup>	0.5 - 10	20-8	
IEC 60947-7-3				
IEC	UL	CSA	IEC/EN 60079-7	
Rated voltage [V]	800 <sup>2</sup>	600	-	-
Nominal current / cross section [A] / [mm <sup>2</sup> ]	10 <sup>2</sup> / 1.5	20 / -	-	-
Rated cross section [mm <sup>2</sup> ]	6	-	-	-
Cross section range AWG	20 - 8	20-8	-	-
Connection capacity				
	solid	stranded	Ferrule without/with plastic sleeve	
1 conductor [mm <sup>2</sup> ]	0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 6
2 stranded conductors with a TWIN ferrule [mm <sup>2</sup> ]	-	-	-	0.5 - 1.5
General data				
Fuse type / dimensions	- / [mm] G / 5 x 20			
Stripping length [mm]	12			
Insulating material	PA			
Inflammability class according to UL 94	V0			



Technical data				
Width	Length	Height NS 35/7,5		
12	86.5	56.5		
I <sub>max</sub> [A]	U <sub>max</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
10	800	0.5 - 10	20-8	
IEC 60947-7-3				
IEC	UL	CSA	IEC/EN 60079-7	
Rated voltage [V]	800	600	-	-
Nominal current / cross section [A] / [mm <sup>2</sup> ]	10 / 1.5	20 / -	-	-
Rated cross section [mm <sup>2</sup> ]	6	-	-	-
Cross section range AWG	20 - 8	20-8	-	-
Connection capacity				
	solid	stranded	Ferrule without/with plastic sleeve	
1 conductor [mm <sup>2</sup> ]	0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 6
2 stranded conductors with a TWIN ferrule [mm <sup>2</sup> ]	-	-	-	0.5 - 1.5
General data				
Fuse type / dimensions	- / [mm] G / 6,3 x 32			
Stripping length [mm]	12			
Insulating material	PA			
Inflammability class according to UL 94	V0			

Ordering data				
Type	I <sub>max</sub>	Order No.	Pcs. / Pkt.	
ZFK 6-DREHSI (5X20)		3025040	25	
ZFK 6-DREHSILED 24 (5X20)		3025600	25	
ZFK 6-DREHSILA 250 (5X20)		3025590	25	
ZFK 6-DREHSI/K (5X25)		3029457	25	

Ordering data				
Type	I <sub>max</sub>	Order No.	Pcs. / Pkt.	
ZFK 6-DREHSI (6,3X32)		3025273	25	
ZFK 6-DREHSILED 24 (6,3X32)		3025587	25	
ZFK 6-DREHSILA 250 (6,3X32)		3025574	25	

Accessories				
FBI 10-12	57 A	0203454	10	
MPS-MT		0201744	10	
MPS-IH RD		0201676	10	
SZF 2-0,8X4,0		1204520	10	

Accessories				
FBI 10-12	57 A	0203454	10	
SZF 2-0,8X4,0		1204520	10	

UC-TMF 12, UCT-TMF 12 or ZBF 12 (see Catalog 5)

UC-TMF 12, UCT-TMF 12 or ZBF 12 (see Catalog 5)

Description	No. of pos.	Color
Fuse terminal block for 12 - 30 V DC, 0.7 - 2.4 mA <sup>1)</sup>		black
110 - 250 V AC/DC, 0.2 - 0.9 mA <sup>1)</sup>		black
Fuse terminal block, with indicating pin		black

Fixed bridge, isolated	10	silver
Test plug metal part, 2.3 mm Ø		silver
Insulating sleeve, for MPS metal part		red
Screwdriver		

Center and lateral groove marking

# Terminal blocks - CLIPLINE complete

## 10 mm<sup>2</sup> ST... spring-cage connection terminal blocks

### General technical data for 10 mm<sup>2</sup> ST... spring-cage connection terminal blocks

<b>Rated data</b>		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm <sup>2</sup> ]	10			
Cross section range	AWG	24 - 6			
<b>Connection capacity</b>		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm <sup>2</sup> ]	0.2 - 16	0.2 - 10	0.25 - 10	0.25 - 10
2 stranded conductors with a TWIN ferrule	[mm <sup>2</sup> ]	-	-	-	1.5 - 2.5
<b>General data</b>					
Stripping length	[mm]	18			
Insulating material		PA			
Inflammability class according to UL 94		VO			
<b>Note: additional or deviating data is documented for the product.</b>					

#### Notes:

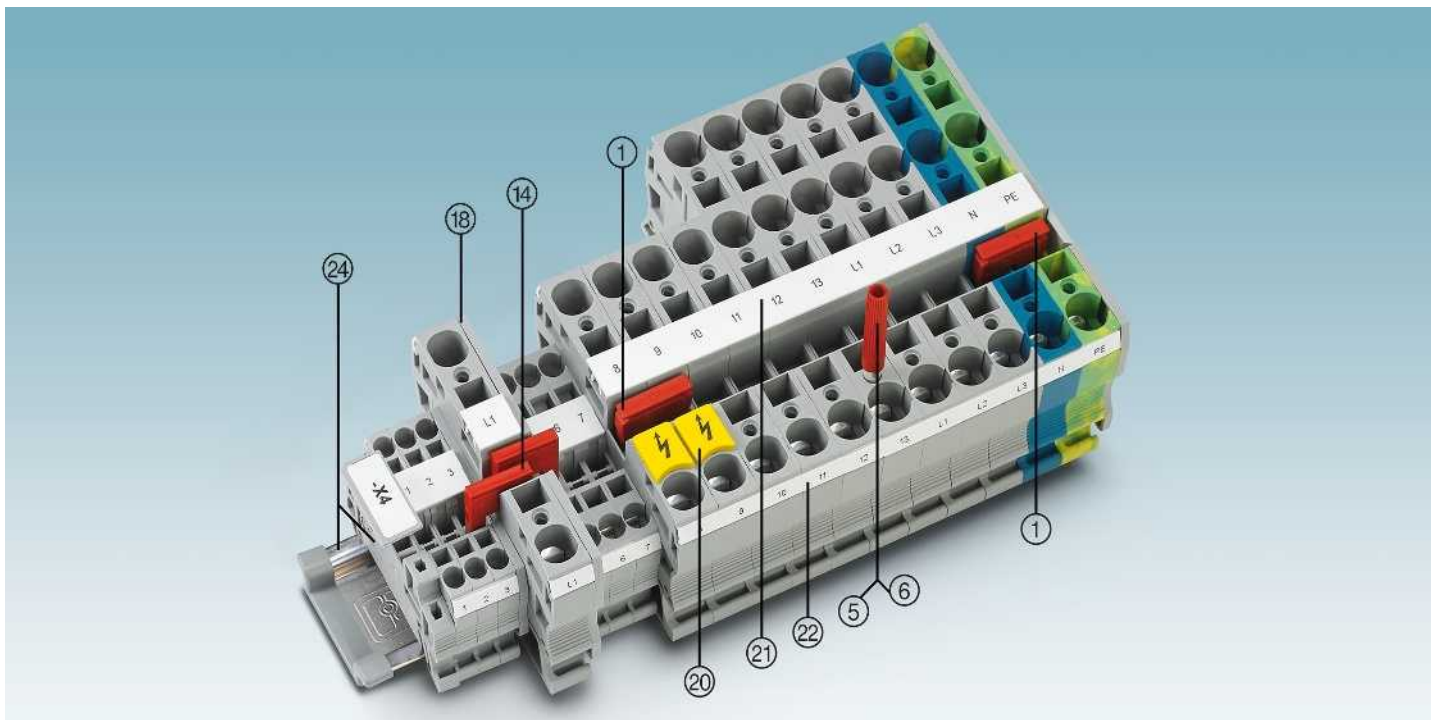


In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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

<sup>1)</sup> The bridge current is documented for the respective product. For additional colors, see page 340.

### System accessories for 10 mm<sup>2</sup> ST... spring-cage connection terminal blocks



Description	Number of positions	Color	Type	Order No.	Pcs. / Pkt.	Type	Order No.	Pcs. / Pkt.
① Jumper <sup>1)</sup>	2	red	FBS 2-10	3005947	10			
⑤ Test plug metal part		silver	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 344.					
⑮ Cover			Documented for the product.					
⑳ Warning labels			For WS ..., see page 353.					
㉑ Center groove marking			UC-TM 10, UCT-TM 10 or ZB 10. See also Catalog 5, selection tables from page 100.					
㉒ Center and lateral groove marking			UC-TMF 10, UCT-TMF 10 or ZBF 10. See also Catalog 5, selection tables from page 100.					
㉓ DIN rails and end brackets			See Catalog 5.					
For full accessories, visit phoenixcontact.net/products			Note: additional or deviating accessories are documented for the product.					



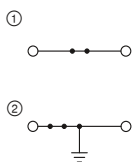
## 10 mm<sup>2</sup> ST... spring-cage connection terminal blocks

### Feed-through and multi-conductor terminal blocks and ground terminals

#### Notes:

1) For additional accessories and technical data, see page 200.

For information on installation and using accessories for Ex applications, see page 602.



65 A, feed-through terminal block



Ex: KEMA 01ATEX2260 U / IECEx KEM 06.0033U

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

Width	Length	Height		
10.2	71.5	50.3 (NS 35/7,5)		
$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
65	1000	0.2 - 16	16-6	
Max. bridge current [A] 57				
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	1000	600	600	550
Nominal current / cross section [A] / [mm <sup>2</sup> ]	57 / 10	65 / -	65 / -	50 / 10

#### Ordering data

Type	Order No.	Pcs. / Pkt.
ST 10	① 3036110	50
ST 10 BU	① 3036123	50
ST 10-PE	② 3036136	50

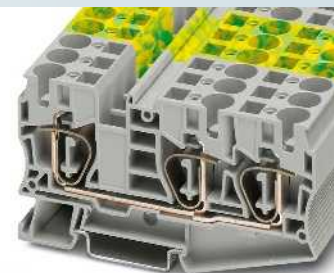
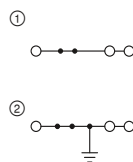
#### Accessories<sup>1)</sup>

Type	Order No.	Pcs. / Pkt.
D-ST 10	3036644	50

Dimensions	[mm]
Width	10.2
Length	71.5
Height	50.3 (NS 35/7,5)
Max. electrical data	
$I_{max}$ [A]	65
$U_{max}$ [V]	1000
Max. bridge current [A]	57
Rated data	
Rated voltage [V]	1000
Nominal current / cross section [A] / [mm <sup>2</sup> ]	57 / 10

Description	Color
Terminal block	gray
Ground terminal	green-yellow

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



70 A, feed-through terminal block, 3 connections



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

Width	Length	Height		
10.2	97	50.3 (NS 35/7,5)		
$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
70	1000	0.2 - 16	16-6	
Max. bridge current [A] 57				
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	1000	600	600	-
Nominal current / cross section [A] / [mm <sup>2</sup> ]	57 / 10	55 / -	55	-

#### Ordering data

Type	Order No.	Pcs. / Pkt.
ST 10-TWIN	① 3035288	25
ST 10-TWIN BU	① 3035292	25
ST 10-TWIN-PE	② 3035302	25

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

Type	Order No.	Pcs. / Pkt.
D-ST 10-TWIN	3035315	50

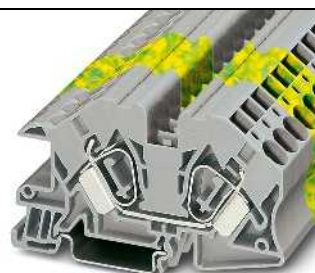
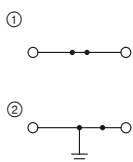
### Installation terminal blocks

#### Notes:

1) For additional accessories and technical data, see page 200.

#### Assembly instruction:

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



57 A, feed-through terminal block



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

Width	Length	Height		
10	87	49 (NS 35/7,5)		
$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
57	400	0.2 - 16	-	
Max. bridge current [A] 57				
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	400	-	-	-
Nominal current / cross section [A] / [mm <sup>2</sup> ]	57 / 10	-	-	-

#### Ordering data

Type	Order No.	Pcs. / Pkt.
STI 10	① 3038215	25
STI 10 BU	① 3038228	25
STI 10-PE	② 3038231	25

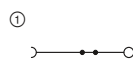
#### Accessories<sup>1)</sup>

Type	Order No.	Pcs. / Pkt.
D-STI 10/16	3038309	25
AB-STI 16/10	3037669	10

Dimensions	[mm]
Width	10
Length	87
Height	49 (NS 35/7,5)
Max. electrical data	
$I_{max}$ [A]	57
$U_{max}$ [V]	400
Max. bridge current [A]	57
Rated data	
Rated voltage [V]	400
Nominal current / cross section [A] / [mm <sup>2</sup> ]	57 / 10

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

Cover, width 2 mm	gray
Support bracket, to hold the neutral busbar, set every 20 cm, 2 mm wide	blue



57 A, neutral disconnect terminal block



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

Width	Length	Height		
10	87	50 (NS 35/7,5)		
$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
57	400	0.2 - 16	-	
Max. bridge current [A] 57				
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	400	-	-	-
Nominal current / cross section [A] / [mm <sup>2</sup> ]	57 / 10	-	-	-

#### Ordering data

Type	Order No.	Pcs. / Pkt.
STN 10	① 3038244	25

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

Type	Order No.	Pcs. / Pkt.
D-STI 10/16	3038309	25
AB-STI 16/10	3037669	10

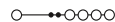
# Terminal blocks - CLIPLINE complete

## 10 mm<sup>2</sup> ST... spring-cage connection terminal blocks

### Hybrid terminal blocks with screw connection on one side, 16 (16) mm<sup>2</sup>

**Notes:**

For additional accessories and technical data, see page 200



57 A, power terminal, 4 x 2.5 mm<sup>2</sup> outlets



Dimensions		
		[mm]
Max. electrical data		
Rated voltage		[V]
Nominal current / cross section		[A] / [mm <sup>2</sup> ]
Cross section range		AWG
Connection capacity, screw connection		
1 conductor	[mm <sup>2</sup> ]	
2 conductors (of the same type)	[mm <sup>2</sup> ]	
2 stranded conductors with a TWIN ferrule	[mm <sup>2</sup> ]	
Rated data, spring-cage connection		
Rated voltage		[V]
Nominal current / cross section		[A] / [mm <sup>2</sup> ]
Cross section range		AWG
Connection capacity, spring-cage connection		
1 conductor	[mm <sup>2</sup> ]	
2 stranded conductors with a TWIN ferrule	[mm <sup>2</sup> ]	
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 <sub>max</sub> [A]	U <sub>max</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
57	800	0.5 - 16	20-8	
IEC 60947-7-1				
IEC	UL / CUL	CSA	IEC/ EN 60079-7	
Rated voltage		800	600	-
Nominal current / cross section		55 / 10	50 / -	-
Cross section range		20 - 6	20-8	-
Connection capacity, screw connection		solid	stranded	Ferrule
		without/with plastic sleeve		
1 conductor	[mm <sup>2</sup> ]	0.5 - 16	0.5 - 16	0.5 - 10    0.5 - 10
2 conductors (of the same type)	[mm <sup>2</sup> ]	0.5 - 4	0.5 - 4	0.5 - 2.5    -
2 stranded conductors with a TWIN ferrule	[mm <sup>2</sup> ]	-	-	-    0.5 - 6
IEC 60947-7-1				
IEC	UL / CUL	CSA	IEC/ EN 60079-7	
Rated voltage		800	600	-
Nominal current / cross section		24 / 2.5	50 / -	-
Cross section range		24 - 10	20-8	-
Connection capacity, spring-cage connection		solid	stranded	Ferrule
		without/with plastic sleeve		
1 conductor	[mm <sup>2</sup> ]	0.08 - 4	0.08 - 2.5	0.14 - 2.5    0.14 - 2.5
2 stranded conductors with a TWIN ferrule	[mm <sup>2</sup> ]	-	-	-    0.14 - 0.5
Stripping length		8 - 10		
Screw thread		M4		
Tightening torque		1.5 - 1.8		

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

Ordering data			
Type	I <sub>max</sub>	Order No.	Pcs. / Pkt.
STU 10/ 4X2,5		3033139	50
STU 10/ 4X2,5 BU		3033142	50

<b>Pick-off terminal block</b> , for snapping into the lateral guide		gray
<b>Cover</b> , width 2.2 mm		gray
<b>Jumper</b>		
	2	red
	3	red
	4	red
	5	red
	10	red
<b>Screwdriver</b>		

Accessories			
<b>AGK 4-UT 10</b>		3047112	50
<b>D-STU 10/ 4X2,5</b>		3033197	50
<b>FBS 2-5</b>	24 A	3030161	50
<b>FBS 3-5</b>	24 A	3030174	50
<b>FBS 4-5</b>	24 A	3030187	50
<b>FBS 5-5</b>	24 A	3030190	50
<b>FBS 10-5</b>	24 A	3030213	10
<b>SZF 2-0,8X4,0</b>		1204520	10



# Terminal blocks - CLIPLINE complete

## 16 mm² ST... spring-cage connection terminal blocks

### General technical data for 16 mm² ST... spring-cage connection terminal blocks

<b>Rated data</b>		IEC 60947-7-1 / IEC 60947-7-2
Rated cross section	[mm²]	16
Cross section range	AWG	24 - 4
<b>Connection capacity</b>		solid      stranded      Ferrule without/with plastic sleeve
1 conductor	[mm²]	0.2 - 25      0.2 - 16      0.25 - 16      0.25 - 16
2 stranded conductors with a TWIN ferrule	[mm²]	-      -      -      1.5 - 4
<b>General data</b>		
Stripping length	[mm]	18
Insulating material		PA
Inflammability class according to UL 94		VO
<b>Note: additional or deviating data is documented for the product.</b>		

#### Notes:

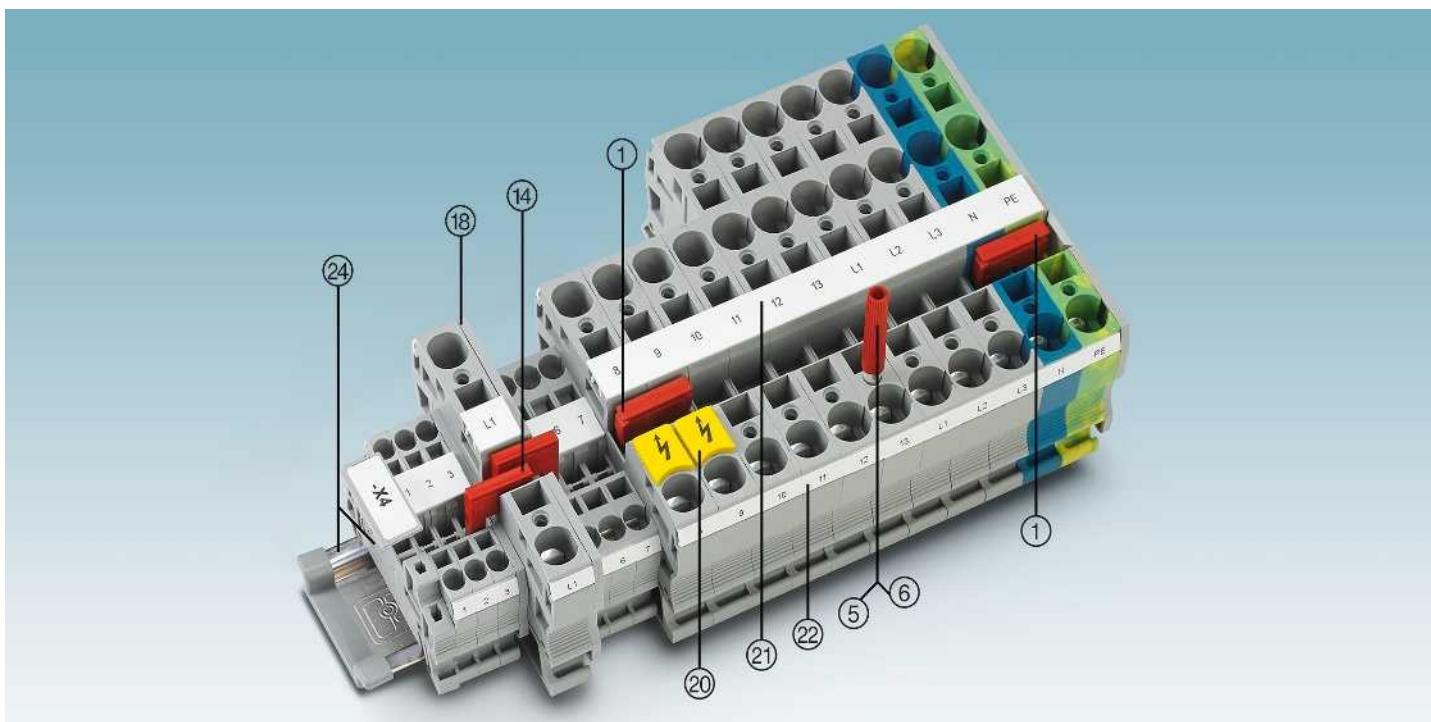


In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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

1) The bridge current is documented for the respective product. For additional colors, see page 340.

### System accessories for 16 mm² ST... spring-cage connection terminal blocks



Description	Number of positions	Color	Type	Order No.	Pcs. / Pkt.	Type	Order No.	Pcs. / Pkt.
① Jumper <sup>1)</sup>	2	red	FBS 2-12	3005950	10			
⑤ Test plug metal part		silver	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 344.					
⑱ Cover			Documented for the product.					
⑳ Warning labels			For WS ..., see page 353.					
㉑ Center groove marking			UC-TM 12, UCT-TM 12 or ZB 12. See also Catalog 5, selection tables from page 100.					
㉒ Center and lateral groove marking			UC-TMF 12, UCT-TMF 12 or ZBF 12. See also Catalog 5, selection tables from page 100.					
㉔ DIN rails and end brackets			See Catalog 5.					
For full accessories, visit phoenixcontact.net/products			Note: additional or deviating accessories are documented for the product.					



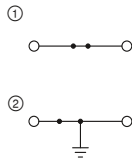
## 16 mm<sup>2</sup> ST... spring-cage connection terminal blocks

### Feed-through and multi-conductor terminal blocks and ground terminals

#### Notes:

1) For additional accessories and technical data, see page 204.

For information on installation and using accessories for Ex applications, see page 602.



90 A, feed-through terminal block



Ex: KEMA 01ATEX2260 U / IECEx KEM 06.0033U

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

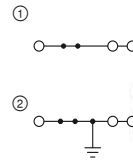
Width	Length	Height		
12.2	80	51.5 (NS 35/7,5)		
$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
90	1000	0.2 - 25	16-4	
76				
Rated data				
IEC	UL / CUL	CSA	Ex	
1000	600	600	550	
Nominal current / cross section	[A] / [mm <sup>2</sup> ]	76 / 16	85 / -	65 / 16

#### Ordering data

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

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

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



90 A, feed-through terminal block, 3 connections



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

Width	Length	Height		
12.2	107.8	51.5 (NS 35/7,5)		
$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
90	1000	0.2 - 25	16-4	
76				
Rated data				
IEC	UL / CUL	CSA	Ex	
1000	600	600	-	
Nominal current / cross section	[A] / [mm <sup>2</sup> ]	76 / 16	75 / -	-

#### Ordering data

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

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

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

Dimensions	[mm]
Width	12.2
Length	80
Height	51.5 (NS 35/7,5)
Max. electrical data	
$I_{max}$ [A]	90
$U_{max}$ [V]	1000
Max. bridge current	76 [A]
Rated data	
Rated voltage	1000 [V]
Nominal current / cross section	76 / 16 [A] / [mm <sup>2</sup> ]
Description	Color
Terminal block	gray
	blue
Ground terminal	green-yellow
Cover, width 2.2 mm	gray

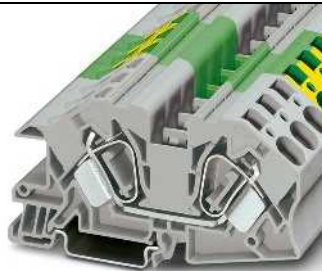
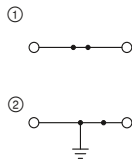
### Installation terminal blocks

#### Notes:

1) For additional accessories and technical data, see page 204.

#### Assembly instruction:

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



76 A, feed-through terminal block



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

Width	Length	Height		
12	95	49 (NS 35/7,5)		
$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
76	400	0.2 - 25	-	
76				
Rated data				
IEC	UL / CUL	CSA	Ex	
400	-	-	-	
Nominal current / cross section	[A] / [mm <sup>2</sup> ]	76 / 16	-	-

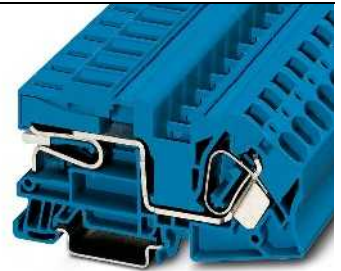
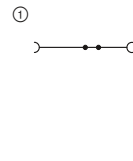
#### Ordering data

Type	Order No.	Pcs. / Pkt.
STI 16	① 3038257	25
STI 16 BU	① 3038260	25
STI 16-PE	② 3038273	25

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

D-STI 10/16	Order No.	Pcs. / Pkt.
D-STI 10/16	3038309	25
AB-STI 16/10	3037669	10

Dimensions	[mm]
Width	12
Length	95
Height	49 (NS 35/7,5)
Max. electrical data	
$I_{max}$ [A]	76
$U_{max}$ [V]	400
Max. bridge current	76 [A]
Rated data	
Rated voltage	400 [V]
Nominal current / cross section	76 / 16 [A] / [mm <sup>2</sup> ]
Description	Color
Terminal block	gray
	blue
Neutral disconnect terminal block	blue
Ground terminal	green-yellow
Cover, width 2 mm	gray
Support bracket, to hold the neutral busbar, set every 20 cm, 2 mm wide	blue



76 A, neutral disconnect terminal block



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

Width	Length	Height		
12	95	50 (NS 35/7,5)		
$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)	
76	400	0.2 - 25	-	
76				
Rated data				
IEC	UL / CUL	CSA	Ex	
400	-	-	-	
Nominal current / cross section	[A] / [mm <sup>2</sup> ]	76 / 16	-	-

#### Ordering data

Type	Order No.	Pcs. / Pkt.
STN 16	① 3038286	25

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

D-STI 10/16	Order No.	Pcs. / Pkt.
D-STI 10/16	3038309	25
AB-STI 16/10	3037669	10

# Terminal blocks - CLIPLINE complete

## 35 mm<sup>2</sup> ST... spring-cage connection terminal blocks

### General technical data for 35 mm<sup>2</sup> ST... spring-cage connection terminal blocks

<b>Rated data</b>		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm <sup>2</sup> ]	35			
Cross section range	AWG	14 - 2			
<b>Connection capacity</b>		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm <sup>2</sup> ]	2.5 - 35	2.5 - 35	2.5 - 35	2.5 - 35
2 stranded conductors with a TWIN ferrule	[mm <sup>2</sup> ]	-	-	-	2.5 - 10
<b>General data</b>					
Stripping length	[mm]	25			
Insulating material		PA			
Inflammability class according to UL 94		VO			
<b>Note: additional or deviating data is documented for the product.</b>					

#### Notes:

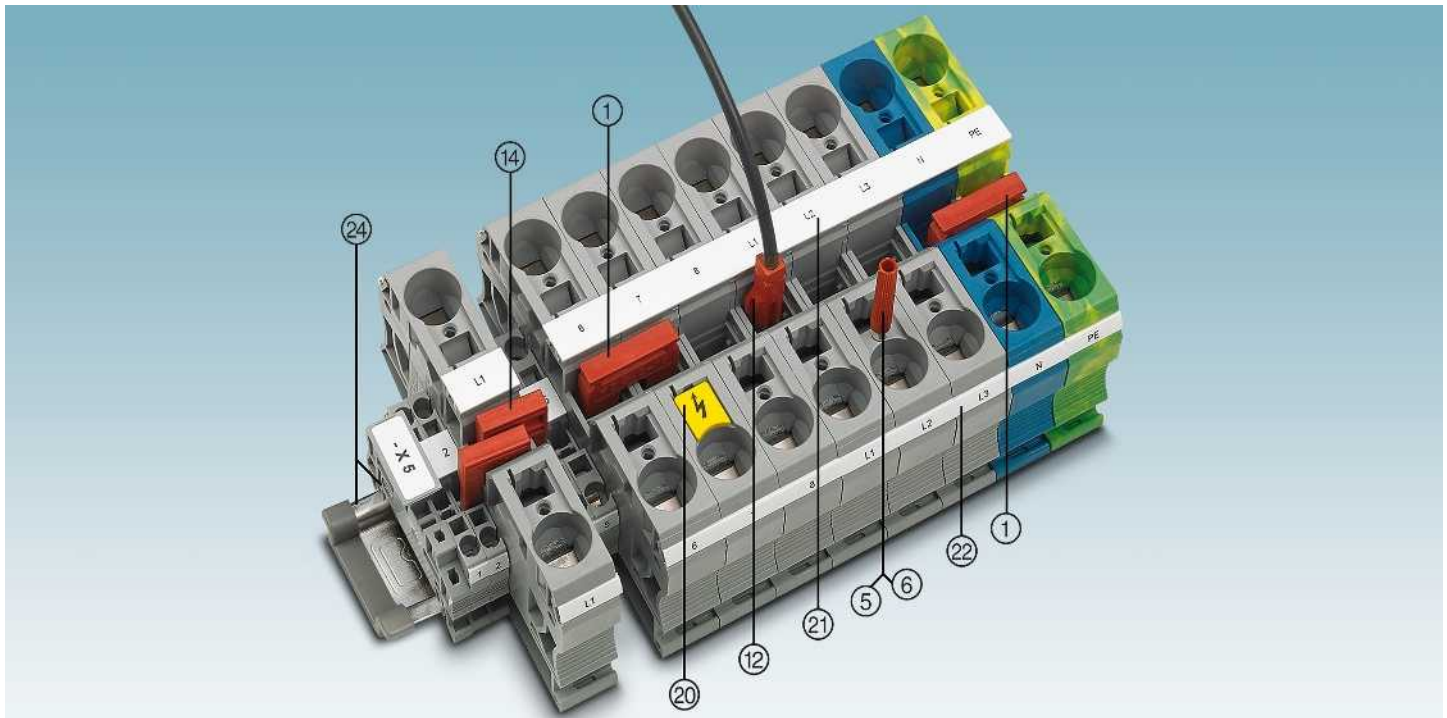


In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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

<sup>1)</sup> The bridge current is documented for the respective product. For additional colors, see page 340.

### System accessories for 35 mm<sup>2</sup> ST... spring-cage connection terminal blocks



Description	Number of positions	Color	Type	Order No.	Pcs. / Pkt.	Type	Order No.	Pcs. / Pkt.
① Jumper <sup>1)</sup>	2	red	FBS 2-16	3005963	10			
⑤ Test plug metal part		silver	MPS-MT	0201744	10			
⑥ Insulating sleeve, for MPS metal part		red	MPS-IH RD	0201676	10			
④ Test plug, with 2.5 mm <sup>2</sup> conductor		red	PAI-ST 35/1000MM	3029994	20			
Screwdriver			SZF 3-1.0X5.5	1206612	10			
⑭ Reducing bridge			For RB ..., see page 344.					
⑫ Warning labels			For WS ..., see page 353.					
⑩ Center groove marking			UC-TM 16, UCT-TM 16 or ZB 16,3. See also Catalog 5, selection tables from page 100.					
⑧ Center and lateral groove marking			UC-TMF 16, UCT-TMF 16 or ZBF 16. See also Catalog 5, selection tables from page 100.					
⑨ DIN rails and end brackets			See Catalog 5.					
For full accessories, visit <a href="http://phoenixcontact.net/products">phoenixcontact.net/products</a>			Note: additional or deviating accessories are documented for the product.					

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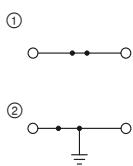
[sales@factorycontrols.com.au](mailto:sales@factorycontrols.com.au)

[www.factorycontrols.com.au](http://www.factorycontrols.com.au)

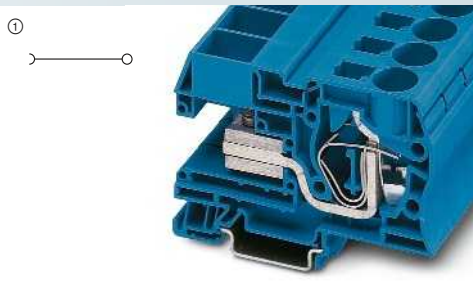
65 Douro Street, North Geelong Victoria 3215

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

**Notes:**  
 1) For additional accessories and technical data, see page 206.  
**Assembly instruction:**  
 In order to securely fix the neutral busbar in place, support brackets must be placed at the beginning and end of each terminal strip as well as every 20 cm on longer terminal strips. The corresponding support brackets can be found at phoenixcontact.net/products  
 For information on installation and using accessories for Ex applications, see page 602.



125 A, feed-through terminal block



125 A, neutral disconnect terminal block



Ex: KEMA 01ATEX2260 U / IECEx KEM 06.0033U

Technical data <sup>1)</sup>			
Width	Length	Height	
16	100	59 (NS 35/7,5)	
I <sub>max.</sub> [A]	U <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)
125	1000	2.5 - 35	14-2
101			
IEC	UL / CUL	CSA	Ex
1000	600	600	690
125 / 35	115 / -	115 / -	108 / 35

Ordering data			
Type	Order No.	Pcs. / Pkt.	
ST 35	3036178	10	
ST 35 BU	3036181	10	
ST 35-PE	3036194	10	

Accessories <sup>1)</sup>			

EAC

Technical data <sup>1)</sup>			
Width	Length	Height	
16	92	59 (NS 35/7,5)	
I <sub>max.</sub> [A]	U <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)
125	400	2.5 - 35	-
IEC	UL / CUL	CSA	Ex
400	-	-	-
125 / 35	-	-	-

Ordering data			
Type	Order No.	Pcs. / Pkt.	
STN 35	3038299	10	

Accessories <sup>1)</sup>			
AB-STI 16/10	3037669	10	

Dimensions	
	[mm]
Max. electrical data	
Max. bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm <sup>2</sup> ]
101	
1000	
125 / 35	

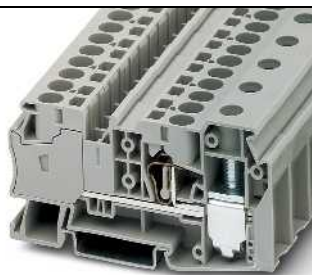
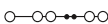
Description	Color
Terminal block	gray
	blue
Neutral disconnect terminal block	blue
Ground terminal	green-yellow

Support bracket, to hold the neutral busbar, set every 20 cm, 2 mm wide	blue
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**Hybrid terminal blocks with screw connection on one side**  
 – Rated voltage of 1000 V

**Notes:**  
 For additional accessories and technical data, visit phoenixcontact.net/products  
 For screw connection rated data, visit phoenixcontact.net/products  
 For further jumpers, see page 340.



125 A (screw connection), power terminal, 4 x 10 mm<sup>2</sup> outlets

EAC

Technical data			
Width	Length	Height NS 35/7,5	
16.2	86	46.8	
I <sub>max.</sub> [A]	U <sub>max.</sub> [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)
41	1000	2.5 - 35	14-2
IEC	UL	CSA	IEC/ EN 60079-7
1000	600	-	-
41 / 6	115 / -	-	-
12 - 2	14-2	-	-

Ordering data			
Type	Order No.	Pcs. / Pkt.	
STU 35/ 4X10	3033126	25	
STU 35/ 4X10 BU	3033210	25	

Accessories			
FBS 2-8	3030284	10	

Dimensions	
	[mm]
Max. electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm <sup>2</sup> ]
Cross section range	AWG
General data	
Stripping length	[mm]
35	

Description	No. of pos.	Color
Terminal block		gray
		blue

Jumper	2	red
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