

# Terminal blocks – CLIPLINE complete

## 35 mm<sup>2</sup> PTPOWER Power-Turn high-current terminal blocks

### General technical data

<b>Rated data</b>	IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm <sup>2</sup> ]	35		
Cross section range	AWG	12 - 2		
<b>Connection capacity</b>		Rigid	Flexible	Ferrule without/with plastic sleeve
1 conductor	[mm <sup>2</sup> ]	2.5 - 35	2.5 - 35	2.5 - 35 / 2.5 - 35
2 flexible conductors with a TWIN ferrule	[mm <sup>2</sup> ]	-	-	- / -
Connection cross sections directly plug-in	[mm <sup>2</sup> ]	2.5 - 35	-	2.5 - 35 / 2.5 - 35
<b>General data</b>				
Stripping length	[mm]	25		
Insulating material		PA		
Flammability rating in accordance with UL 94		V0		

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

### Notes:



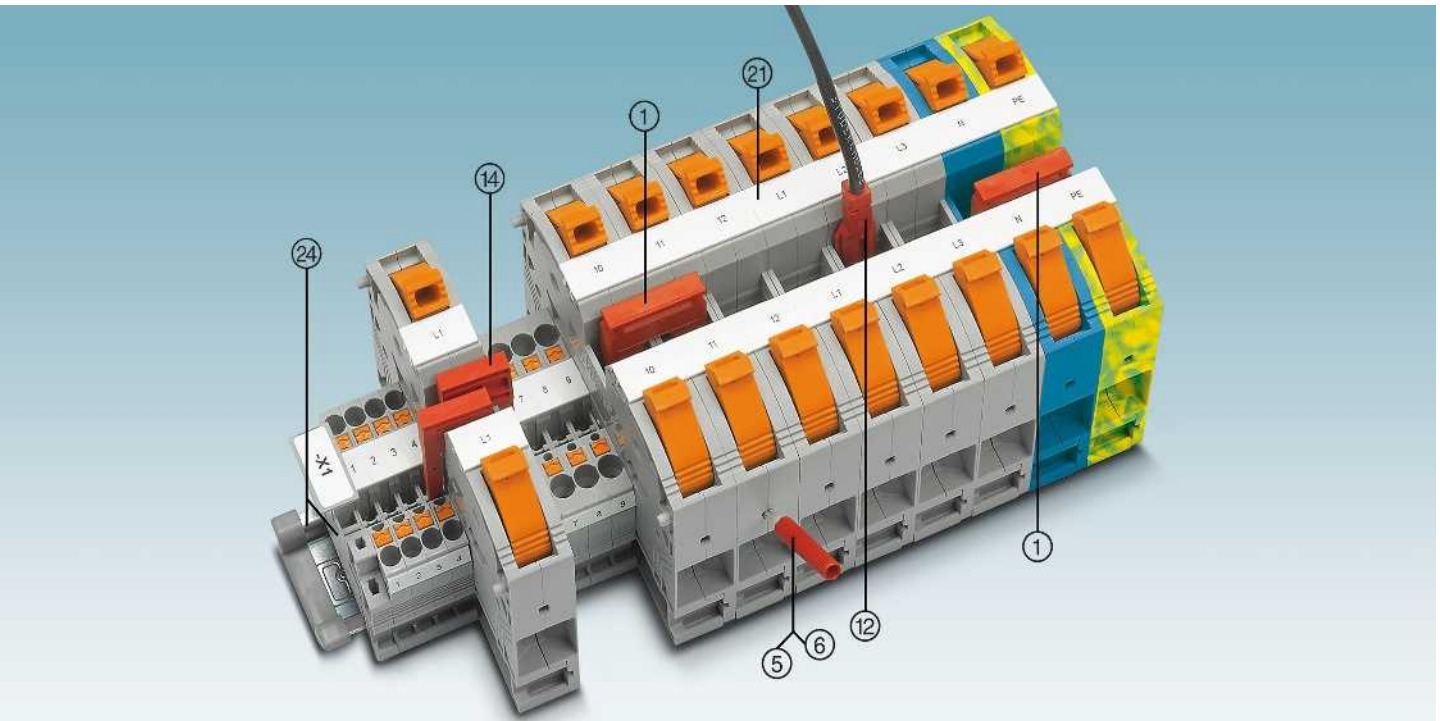
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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

For full details of UL and CSA use groups, file nos., and Internet links, please visit [phoenixcontact.net/products](http://phoenixcontact.net/products)

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

### System accessories



Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① Bridge <sup>1)</sup>	2	red	FBS 2-16	3005963	10			
⑤ Test plug metal part		gray	MPS-MT	0201744	10			
⑥ Insulating sleeve, for MPS metal part		red	MPS-IH RD	0201676	10			
⑫ Test plug, with 2.5 mm <sup>2</sup> conductor		red	PAI-ST 35/1000MM	3029994	20			
Screwdriver			SZF 3-1.0X5,5	1206612	10			
⑭ Reducing bridge			RB PTPOWER 35-ST(2,5/4) Order No. <b>3030900</b> for reduction bridging to ST 2,5 / PT 2,5 or ST 4 / PT 4 RB PTPOWER 35-ST 16 Order No. <b>3032170</b> for reduction bridging to ST 16 / PT 16 N					
⑰ Center groove labeling			UC-TM 16, UCT-TM 16 or ZB 16,3. See also Catalog 3, selection tables from page 60.					
⑱ DIN rail and end bracket			See Catalog 3					
For full accessories, visit <a href="http://phoenixcontact.net/products">phoenixcontact.net/products</a>			Note: Additional or deviating accessories are listed alongside the respective product.					

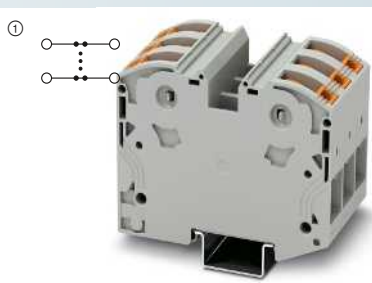
35 mm<sup>2</sup> PTPOWER Power-Turn high-current terminal blocks

High-current terminal blocks

**Notes:**  
 1) For additional accessories and technical data, see page 134.



125 A, feed-through terminal block



125 A, terminal block base



Technical data <sup>1)</sup>				
<b>Dimensions</b>	Width	Length	Height	
	16	91.6	69.8 (NS 35/7,5)	
<b>Maximum electrical data</b>	$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)
	125	1000	2.5 - 35	-
Maximum bridge current	101			
<b>Rated data</b>	IEC	UL / CUL	CSA	Ex
Rated voltage	1000	1000	1000	-
Nominal current / cross section	125	- / -	115 / -	- / -

Technical data <sup>1)</sup>				
<b>Dimensions</b>	Width	Length	Height	
	48	91.6	69.8 (NS 35/7,5)	
<b>Maximum electrical data</b>	$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)
	125	1000	2.5 - 35	-
Maximum bridge current	101			
<b>Rated data</b>	IEC	UL / CUL	CSA	Ex
Rated voltage	1000	1000	1000	-
Nominal current / cross section	125	- / -	115 / -	- / -

Ordering data				
Type	Order No.	Pcs./Pkt.		
PTPOWER 35	① 3212064	10		
PTPOWER 35 BU	① 3212065	10		
PTPOWER 35-FE	① 3212081	10		
PTPOWER 35-PE	② 3212066	10		

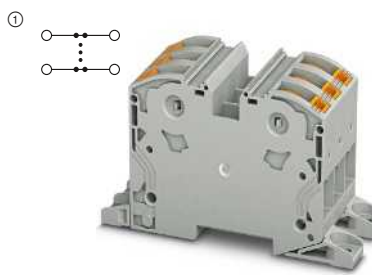
Ordering data				
Type	Order No.	Pcs./Pkt.		
PTPOWER 35-3L	① 3212068	3		
PTPOWER 35-3L/N	① 3212069	2		
PTPOWER 35-3L/FE	① 3212070	2		
PTPOWER 35-3L/N/FE	① 3212071	2		

High-current terminal blocks for direct mounting

**Notes:**  
 1) For additional accessories and technical data, see page 134.



125 A, feed-through terminal block for direct mounting



125 A, terminal block base for direct mounting



Technical data <sup>1)</sup>				
<b>Dimensions</b>	Width	Length	Height	
	16	120.2	68.3	
<b>Maximum electrical data</b>	$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)
	125	1000	2.5 - 35	-
Maximum bridge current	101			
<b>Rated data</b>	IEC	UL / CUL	CSA	Ex
Rated voltage	1000	1000	1000	-
Nominal current / cross section	125	- / -	115 / -	- / -

Technical data <sup>1)</sup>				
<b>Dimensions</b>	Width	Length	Height	
	48	120.2	68.3	
<b>Maximum electrical data</b>	$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)
	125	1000	2.5 - 35	-
Maximum bridge current	101			
<b>Rated data</b>	IEC	UL / CUL	CSA	Ex
Rated voltage	1000	1000	1000	-
Nominal current / cross section	125	- / -	115 / -	- / -

Ordering data				
Type	Order No.	Pcs./Pkt.		
PTPOWER 35-F	① 3212078	10		
PTPOWER 35-F BU	① 3212079	10		
PTPOWER 35-FE-F	① 3212082	10		

Ordering data				
Type	Order No.	Pcs./Pkt.		
PTPOWER 35-3L-F	① 3212072	3		
PTPOWER 35-3L/N-F	① 3212073	2		
PTPOWER 35-3L/FE-F	① 3212075	2		
PTPOWER 35-3L/N/FE-F	① 3212076	2		