

# Terminal blocks – CLIPLINE complete

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

### General technical data

Rated data		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm <sup>2</sup> ]	50			
Cross section range	AWG	8 - 2/0			
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	[mm <sup>2</sup> ]	10 - 70	10 - 70	10 - 50	10 - 50
2 flexible conductors with a TWIN ferrule	[mm <sup>2</sup> ]	-	-	-	-
Connection cross sections directly plug-in	[mm <sup>2</sup> ]	10 - 70	-	10 - 50	10 - 50
Max. cross section with insertion bridge	[mm <sup>2</sup> ]	50	50	-	-
General data					
Stripping length	[mm]	30 - 32			
Insulating material		PA			
Flammability rating in accordance with UL 94		V0			

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

### Notes:



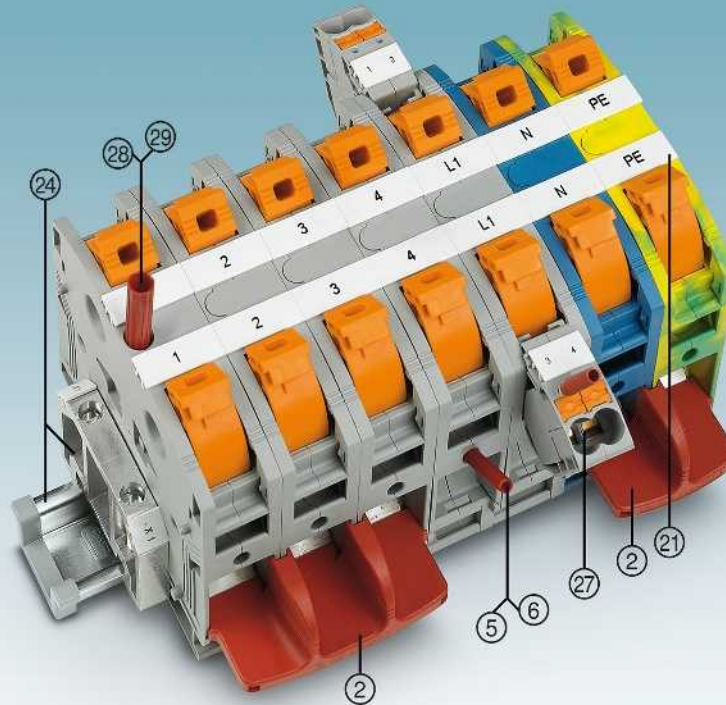
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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

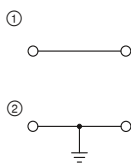


Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
② Insertion bridge <sup>1)</sup>	2	red	EB 2-20/PT	3260067	10			
	3	red	EB 3-20/PT	3260068	10			
⑤ Test plug metal part		gray	MPS-MT	0201744	10			
⑥ Insulating sleeve, for MPS metal part		red	MPS-IH RD	0201676	10			
⑦ Tap-off terminal block		gray	AGK 10-PTPOWER	3260145	10			
		blue	AGK 10-PTPOWER BU	3260148	10			
		green/yellow	AGK 10-PTPOWER GN/YE	3260151	10			
		black/yellow	AGK 10-PTPOWER BK/YE	3260154	10			
Screwdriver			SZF 3-1,0X5,5	1206612	10			
② Center groove labeling	UC-TM 16, UCT-TM 16 or ZB 16,3. See also Catalog 3, selection tables from page 60.							
④ DIN rail and end bracket	See Catalog 3							
⑧⑨ Test plug	For MPS-MT/ 4MM and PS-IH RD, see page 410.							
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.							

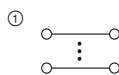
50 mm<sup>2</sup> PTPOWER Power-Turn high-current terminal blocks

High-current terminal blocks

**Notes:**  
 1) For additional accessories and technical data, see page 136.



150 A, feed-through terminal block



150 A, terminal block base



Technical data <sup>1)</sup>				
Dimensions	Width	Length	Height	
	20	101	105 (NS 35/15)	
Maximum electrical data	$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)
	150	1000	10 - 70	8
Maximum bridge current	150			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	1000	1000	1000	-
Nominal current / cross section	150	140 / -	140 / -	- / -

Technical data <sup>1)</sup>				
Dimensions	Width	Length	Height	
	60	101	105 (NS 35/15)	
Maximum electrical data	$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)
	150	1000	10 - 70	8
Maximum bridge current	150			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	1000	1000	1000	-
Nominal current / cross section	150	140 / -	140 / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTPOWER 50	① 3260050	10	
PTPOWER 50 BU	① 3260051	10	
PTPOWER 50-FE	① 3260063	10	
PTPOWER 50 P	① 3260065	10	
PTPOWER 50-PE	② 3260052	10	

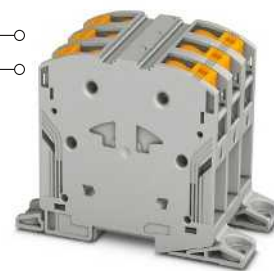
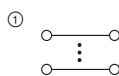
Ordering data			
Type	Order No.	Pcs./Pkt.	
PTPOWER 50-3L	① 3260053	3	
PTPOWER 50-3L/N	① 3260054	3	
PTPOWER 50-3L/FE	① 3260055	3	
PTPOWER 50-3L/N/FE	① 3260056	2	

High-current terminal blocks for direct mounting

**Notes:**  
 1) For additional accessories and technical data, see page 136.



150 A, feed-through terminal block for direct mounting



150 A, terminal block base for direct mounting



Technical data <sup>1)</sup>				
Dimensions	Width	Length	Height	
	20	101	96	
Maximum electrical data	$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)
	150	1000	10 - 70	8
Maximum bridge current	150			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	1000	1000	1000	-
Nominal current / cross section	150	140 / -	140 / -	- / -

Technical data <sup>1)</sup>				
Dimensions	Width	Length	Height	
	60	101	96	
Maximum electrical data	$I_{max}$ [A]	$U_{max}$ [V]	max. Ø [mm <sup>2</sup> ]	AWG (UL)
	150	1000	10 - 70	8
Maximum bridge current	150			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	1000	1000	1000	-
Nominal current / cross section	150	140 / -	140 / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTPOWER 50-F	① 3260061	10	
PTPOWER 50-F BU	① 3260062	10	
PTPOWER 50-FE-F	① 3260064	10	

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTPOWER 50-3L-F	① 3260057	3	
PTPOWER 50-3L/N-F	① 3260058	3	
PTPOWER 50-3L/FE-F	① 3260059	3	
PTPOWER 50-3L/N/FE-F	① 3260060	2	