

## Busbars

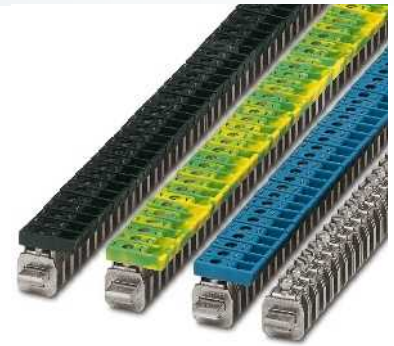
### L/N/PE connection terminal blocks



– In electrical systems subject to the setup requirements of DIN VDE 0100 or IEC 60204-1 / EN 60204-1 / VDE 0113-1, N, PE or phase conductor L are often connected to central busbars. This requires the conductor and/or terminal block to be clearly marked for the corresponding circuit.

The connection terminal blocks satisfy these requirements in several ways:

- Through individual marking of each terminal block
- By their blue, green-yellow or black colored housings
- Large marking possible with ZB, UC-TM, UCT-TM



4 (6) mm<sup>2</sup>, 41 A, connection terminal blocks



#### Technical data

Dimensions		Width		Length		Height			
		7		23.7		23.6			
Max. electrical data		I <sub>max.</sub> [A]		U <sub>max.</sub> [V]		max. Ø [mm <sup>2</sup> ] AWG (UL)			
		41		300		0.5 - 6 22-12			
Rated data		IEC		UL		CSA		IEC/EN 60079-7	
Rated voltage [V]		300		300		-		-	
Nominal current / cross section [A] / [mm <sup>2</sup> ]		41 / 4		20 / -		-		-	
Rated cross section [mm <sup>2</sup> ]		4		-		-		-	
Cross section range AWG		20 - 10		22-12		-		-	
Connection capacity		solid		stranded		ferrule		without/with plastic sleeve	
1 conductor [mm <sup>2</sup> ]		0.5 - 6		0.5 - 4		0.5 - 6		0.5 - 6	
2 conductors (of the same type) [mm <sup>2</sup> ]		0.5 - 2.5		0.5 - 2.5		0.5 - 2.5		-	
2 stranded conductors with a TWIN ferrule [mm <sup>2</sup> ]		-		-		-		0.5 - 2.5	
General data		Stripping length [mm]		16		Screw thread		M4	
		Tightening torque [Nm]		1.5 - 1.8		Insulating material		PA	
		Inflammability class according to UL 94		V2					

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Rated cross section [mm <sup>2</sup> ]		4		-		-		-	
Cross section range AWG		20 - 10		22-12		-		-	
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2 stranded conductors with a TWIN ferrule [mm <sup>2</sup> ]		-		-		-		0.5 - 2.5	

#### Ordering data

Description	Color
Connection terminal block, steel, pushed onto NLS neutral busbar, can be marked with ZB ...	black
Up to 6 mm <sup>2</sup> solid, 7 mm wide	green-yellow
Up to 6 mm <sup>2</sup> solid, 7 mm wide	blue
Without insulating cap	silver
Connection terminal block, steel, pushed onto NLS neutral busbar, can be marked with ZB ...	black
Up to 16 mm <sup>2</sup> solid, 10 mm wide	green-yellow
Up to 16 mm <sup>2</sup> solid, 10 mm wide	blue
Without insulating cap	silver
Connection terminal block, steel, pushed onto NLS neutral busbar, can be marked with ZB ...	black
Up to 35 mm <sup>2</sup> solid, 14.3 mm wide	green-yellow
Up to 35 mm <sup>2</sup> solid, 14.3 mm wide	blue
Without insulating cap	silver

Type	I <sub>max.</sub>	Order No.	Pcs. / Pkt.
AKG 4 BK		0421032	50
AKG 4 GNYE		0421029	50
AKG 4 BU		0421016	50
AK 4		0404017	50

