



Color: ■ dark gray

Similar to illustration

Common potential terminal block, 812 Series, operating tool

Our common potential terminal block (item number 812-112) is the perfect way to connect conductors quickly and securely. Ensure that the strip lengths are 12 mm when connecting conductors to this common potential terminal block. Featuring conductor terminals along with CAGE CLAMP®, this product outperforms the competition. Our highly-rated and maintenance-free CAGE CLAMP® connection makes it easy to connect all conductor types without having to prepare the conductor. For example, you don't need to crimp ferrules. The item's dimensions are 38 x 42.5 x 43.5 mm (width x height x depth). This common potential terminal block is suitable for conductor cross sections ranging from 1.5 mm² to 16 mm². It has one level. You can connect a single potential using the three clamping points. The dark gray housing is made of polyamide (PA66) for insulation.

Electrical data			
Ratings per IEC/EN		Ratings per IEC/EN – Notes	
Nominal voltage (III/3)	1000 V	Rated current (note)	Current carrying capacity: With a maximum total current of 96 A, the clamping units of the busbar terminal block can be loaded with the rated current of the conductor cross-sections approved. This only applies when (10 x 3) mm busbars are used.
Rated impulse withstand voltage (III / 3)	6 kV		
Rated current	96 A		
Legend (ratings)	(III / 3) △ Overvoltage category III / Pollution degree 3		
Connection data			
Clamping units	3	Connection 1	
Total number of potentials	1	Connection technology	CAGE CLAMP®
Number of levels	1	Actuation type	Operating tool
		Connectable conductor materials	Copper
		Solid conductor	1.5 ... 16 mm² / 14 ... 6 AWG
		Fine-stranded conductor	1.5 ... 16 mm² / 14 ... 6 AWG
		Strip length	12 mm / 0.47 inches
		Wiring direction	Front-entry wiring



Physical data	
Width	38 mm / 1.496 inches
Height	42.5 mm / 1.673 inches
Depth	43.5 mm / 1.713 inches

Material data	
Note (material data)	Information on material specifications can be found here
Color	dark gray
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.854 MJ
Weight	41.9 g

Environmental requirements	
Continuous operating temperature	-35 ... +85 °C

Commercial data	
Product Group	12 (Matrix Patch Board)
eCl@ss 10.0	27-14-11-46
eCl@ss 9.0	27-14-11-46
ETIM 9.0	EC000001
ETIM 8.0	EC000001
PU (SPU)	12 pcs
Packaging type	Box
Country of origin	PL
GTIN	4045454014902
Customs tariff number	85369010000

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates											
General approvals		Declarations of conformity and manufacturer's declarations									
Approval	Standard	Certificate Name									
CCA DEKRA Certification B.V.	EN 60947	NTR NL-7153									
CSA CSA Group	C22.2 No. 158	2131504									
KEMA/KEUR DEKRA Certification B.V.	EN 60947	2160584.49									
UL Underwriters Laboratories Inc.	UL 1059	UL-US- L45172-6187154-31109002-1									
		<table><tr><th>Approval</th><th>Standard</th><th>Certificate Name</th></tr><tr><td>EU-Declaration of Confor- mity WAGO GmbH & Co. KG</td><td>-</td><td>-</td></tr><tr><td>UK-Declaration of Confor- mity WAGO GmbH & Co. KG</td><td>-</td><td>-</td></tr></table>	Approval	Standard	Certificate Name	EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-	UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
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1 Compatible Products

1.1 Optional Accessories

1.1.1 Cover

1.1.1.1 Cover



[Item No.: 284-400](#)
Finger guard; touchproof cover protects unused conductor entries; yellow

1.1.2 Ferrule

1.1.2.1 Ferrule



[Item No.: 216-209](#)
Ferrule; Sleeve for 10 mm² / AWG 8; insulated; electro-tin plated; red



[Item No.: 216-109](#)
Ferrule; Sleeve for 10 mm² / AWG 8; uninsulated; electro-tin plated



[Item No.: 216-210](#)
Ferrule; Sleeve for 16 mm² / AWG 6; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue



[Item No.: 216-110](#)
Ferrule; Sleeve for 16 mm² / AWG 6; uninsulated; electro-tin plated; brown metallic



[Item No.: 216-208](#)
Ferrule; Sleeve for 6 mm² / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow



[Item No.: 216-108](#)
Ferrule; Sleeve for 6 mm² / AWG 10; uninsulated; electro-tin plated; silver-colored

1.1.3 N-busbar

1.1.3.1 Busbar



Item No.: 210-133

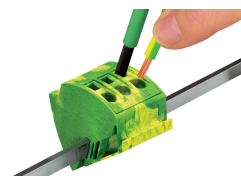
Busbar; tin-plated; 1000 mm long; Cu 10 mm x 3 mm; white

Installation Notes

Installation



Snapping a ground busbar terminal block onto the N-busbar.



Conductor termination (16 mm²/6 AWG):
Open the clamping unit with an operating tool when terminating solid, stranded and fine-stranded conductors.