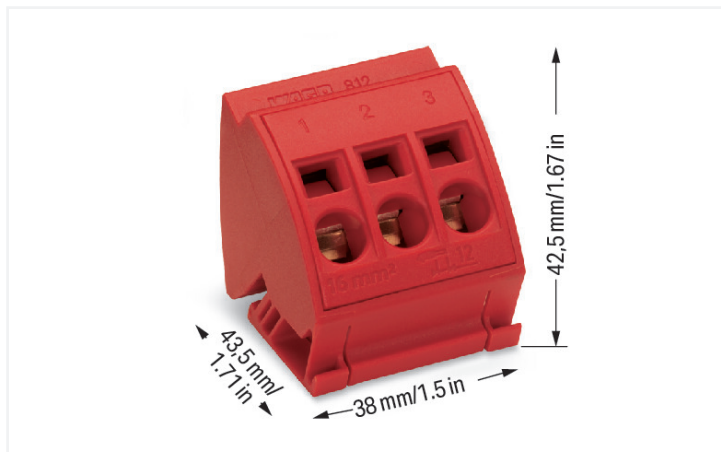


Data Sheet | Item Number: 812-113

Busbar terminal block; for (10 x 3) mm busbars; without push-buttons; CAGE CLAMP®; red

<https://www.wago.com/812-113>



Color: ■ red

Common potential terminal block, 812 Series, CAGE CLAMP®

This common potential terminal block (item number 812-113) is designed to connect conductors quickly and easily. Conductors should only be connected to this common potential terminal block if their strip length is 12 mm. Featuring conductor terminals along with CAGE CLAMP®, this product delivers reliable performance. Our proven universal connection known as CAGE CLAMP® leads the way when it comes to connection technology and electrical interconnections. The 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.

Electrical data

Ratings per IEC/EN

Nominal voltage (III/3)	1000 V
Rated impulse withstand voltage (III / 3)	6 kV
Rated current	96 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

Ratings per IEC/EN – Notes

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.
----------------------	--

General information

Wiring direction	Front-entry wiring
------------------	--------------------

Connection Data

Clamping units	3
Total number of potentials	1
Number of levels	1

Connection 1

Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper
Solid conductor	1.5 ... 16 mm ² / 14 ... 6 AWG
Fine-stranded conductor	1.5 ... 16 mm ² / 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	red
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.851 MJ
Weight	42 g

Environmental requirements

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

Commercial data

Product Group	12 (Matrix Patch Board)
PU (SPU)	12 pcs
Packaging type	Box
Country of origin	PL
GTIN	4045454014919
Customs tariff number	85369010000

Product Classification

UNSPSC	39121410
eCl@ss 10.0	27-14-11-46
eCl@ss 9.0	27-14-11-46
ETIM 9.0	EC000001
ETIM 10.0	EC000001
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
------------------------	-------------------------

Approvals / Certificates

General approvals



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

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 812-113



Documentation

Bid Text

812-113	18.07.2019	xml 3.79 KB	
812-113	18.07.2019	docx 15.18 KB	

CAD/CAE-Data

CAD data

2D/3D Models 812-113



CAE data

EPLAN Data Portal 812-113



WSCAD Universe 812-113



ZUKEN Portal 812-113



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; un-insulated; 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; un-insulated; 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; un-insulated; electro-tin plated; silver-colored

1.1.3 N-busbar

1.1.3.1 Busbar



Item No.: 210-133

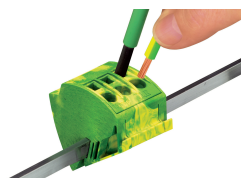
Busbar; tin-plated; 1000 mm long; Cu 10 mm x 3 mm; white

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.