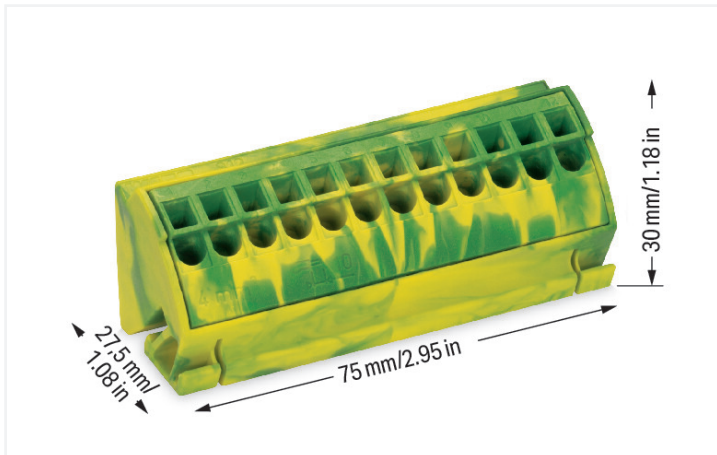


Data Sheet | Item Number: 812-100

Ground busbar terminal block; for (10 x 3) mm busbars; Push-in CAGE CLAMP®; 4,00 mm²; green-yellow

<https://www.wago.com/812-100>



Color: ■ green-yellow

Common potential terminal block, 812 Series, Push-in CAGE CLAMP®

This common potential terminal block (item number 812-100) is designed to connect conductors quickly and easily. Ensure that the strip lengths are 11 mm when connecting conductors to this common potential terminal block. This product incorporates conductor terminals and utilizes Push-in CAGE CLAMP®. Push-in CAGE CLAMP® connection technology is ideal for connecting all conductor types. It allows direct insertion of both solid and fine-stranded conductors with ferrules without needing to use any tools—all thanks to its pluggable design. Dimensions: (75 x 30 x 27.5) mm (width x height x depth). This common potential terminal block is suitable for conductor cross sections ranging from 0.5 mm² to 4 mm².

Electrical data

General information

Wiring direction Front-entry wiring

Connection Data

Clamping units	12
Total number of potentials	1
Number of levels	1

Connection 1	
Connection technology	Push-in CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper
Solid conductor	0.5 ... 4 mm² / 20 ... 12 AWG
Solid conductor; push-in termination	0.5 ... 4 mm² / 20 ... 12 AWG
Stranded conductor	0.5 ... 4 mm² / 20 ... 12 AWG
Fine-stranded conductor	0.5 ... 4 mm² / 20 ... 12 AWG
Strip length	11 mm / 0.43 inches
Wiring direction	Front-entry wiring

Physical data

Width	75 mm / 2.953 inches
Height	30 mm / 1.181 inches
Depth	27.5 mm / 1.083 inches

Material data

Note (material data)	Information on material specifications can be found here
Color	green-yellow
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.822 MJ
Weight	35.6 g

Environmental requirements

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

Product Group	12 (Matrix Patch Board)
PU (SPU)	10 pcs
Packaging type	Box
Country of origin	PL
GTIN	4044918253253
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
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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 812-100



Documentation

Bid Text

812-100	18.07.2019	xml 3.34 KB	
812-100	18.07.2019	docx 14.76 KB	

CAD/CAE-Data

CAD data

2D/3D Models 812-100



CAE data

EPLAN Data Portal 812-100



WSCAD Universe 812-100



ZUKEN Portal 812-100



1 Compatible Products

1.1 Optional Accessories

1.1.1 Ferrule

1.1.1.1 Ferrule



Item No.: 216-110

Ferrule; Sleeve for 16 mm² / AWG 6; un-insulated; electro-tin plated; brown metallic

1.1.2 N-busbar

1.1.2.1 Busbar



Item No.: 210-133

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

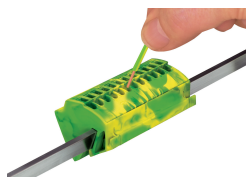
Installation Notes

Installation

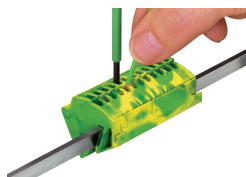


Unlock right and left positions to remove the ground busbar terminal block. Then pull up the block from the busbar.

Conductor termination



Conductor termination (4 mm²/12 AWG):
With Push-in CAGE CLAMP®, solid conductors can be terminated by simply pushing them into the 12 x 4 mm² busbar terminal block, significantly reducing wiring time.



Conductor removal (4 mm²/12 AWG and 16 mm²/6 AWG):
Open the clamping unit using an operating tool.