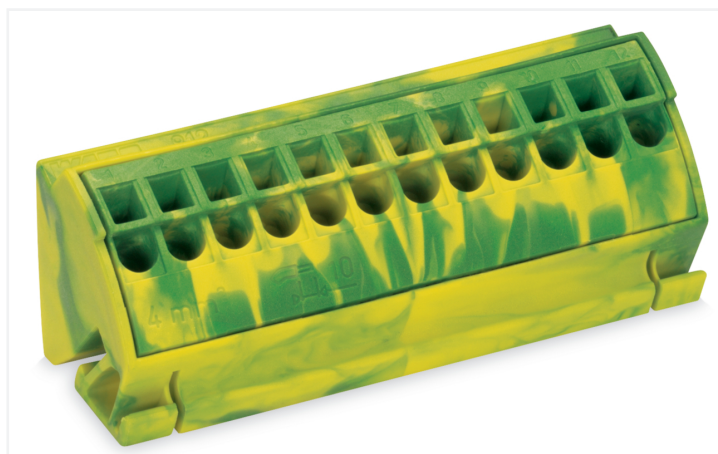
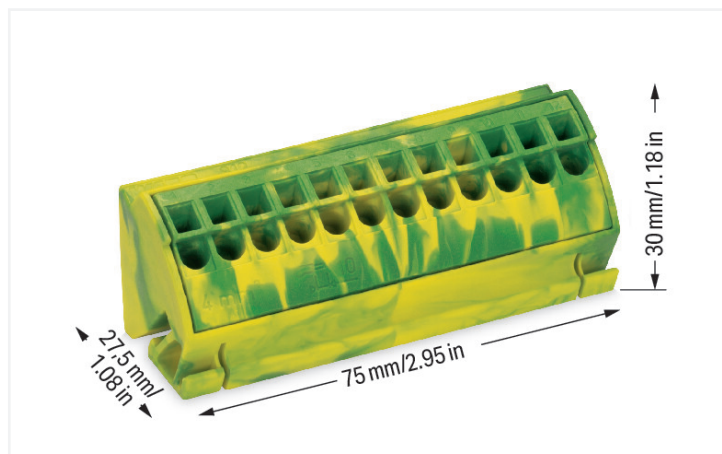


Data Sheet | Item Number: 812-100

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®

Our common potential terminal block (item number 812-100) is designed for seamless electrical installations. Conductors should only be connected to this common potential terminal block if their strip length is 11 mm. This product features conductor terminals and utilizes Push-in CAGE CLAMP®. Push-in CAGE CLAMP® connection technology is ideal for connecting all conductor types. Both solid and fine-stranded conductors with ferrules can be inserted without the need for 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. It features one level and twelve clamping points that you can use to connect a single potential. The green-yellow housing is made of polyamide (PA66) for insulation.

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	

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 8.0	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 812-100			

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; unin-
sulated; electro-tin plated; brown metallic

1.1.2 N-busbar

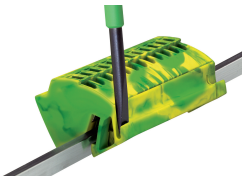
1.1.2.1 Busbar



Item No.: 210-133
Busbar; tin-plated; 1000 mm long; Cu 10
mm x 3 mm; white

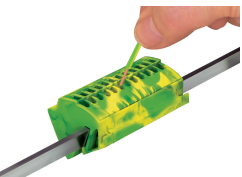
Installation Notes

Installation

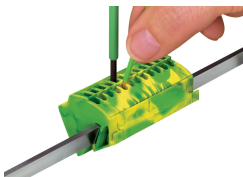


Unlock right and left positions to remove the ground busbar terminal block. Then pull up the block from the busbar.

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.