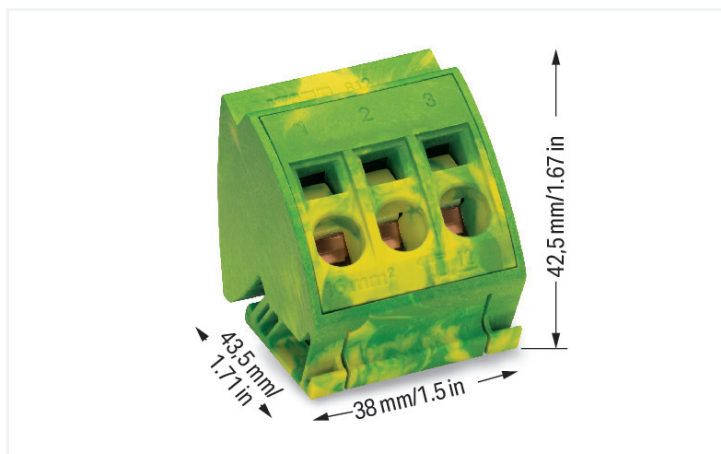


## Data Sheet | Item Number: 812-110

Ground busbar terminal block; for (10 x 3) mm busbars; CAGE CLAMP®; green-yellow

<https://www.wago.com/812-110>



Color: ■ green-yellow

Common potential terminal block, 812 Series, operating tool

Our common potential terminal block (item number 812-110) simplifies electrical installations. Ensure that the strip lengths are 12 mm when connecting conductors to this common potential terminal block. This product features conductor terminals and utilizes CAGE CLAMP®. Our proven universal connection known as CAGE CLAMP® is industry-leading 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 mm<sup>2</sup> to 16 mm<sup>2</sup>.

### Electrical data

#### General information

Wiring direction Front-entry wiring

### Connection data

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

<b>Connection 1</b>	
Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper
Solid conductor	1.5 ... 16 mm <sup>2</sup> / 14 ... 6 AWG
Fine-stranded conductor	1.5 ... 16 mm <sup>2</sup> / 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)	<a href="#">Information on material specifications can be found here</a>
Color	green-yellow
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.869 MJ
Weight	42.7 g

### Environmental requirements

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

Product Group	12 (Matrix Patch Board)
PU (SPU)	12 pcs
Packaging type	Box
Country of origin	PL
GTIN	4045454014889
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

**Downloads**

**Environmental Product Compliance**

Compliance Search			
Environmental Product Compliance 812-110			↓

**Documentation**

Bid Text			
812-110	18.07.2019	xml 3.13 KB	↓
812-110	18.07.2019	docx 14.57 KB	↓

**CAD/CAE-Data**

CAD data	
2D/3D Models 812-110	↓

CAE data	
EPLAN Data Portal 812-110	↓
WSCAD Universe 812-110	↓
ZUKEN Portal 812-110	↓

**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 mm<sup>2</sup> / AWG 8; insulated; electro-tin plated; red



[Item No.: 216-109](#)  
Ferrule; Sleeve for 10 mm<sup>2</sup> / AWG 8; un-insulated; electro-tin plated



[Item No.: 216-210](#)  
Ferrule; Sleeve for 16 mm<sup>2</sup> / 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 mm<sup>2</sup> / AWG 6; un-insulated; electro-tin plated; brown metallic



[Item No.: 216-208](#)  
Ferrule; Sleeve for 6 mm<sup>2</sup> / 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 mm<sup>2</sup> / AWG 10; un-insulated; electro-tin plated; silver-colored

### 1.1.3 N-busbar

#### 1.1.3.1 Busbar

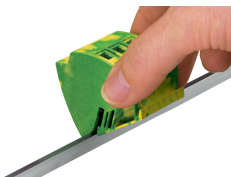


**Item No.: 210-133**

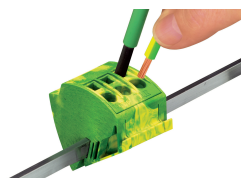
Busbar; tin-plated; 1000 mm long; Cu 10 mm x 3 mm; white

### Installation Notes

#### Installation



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



Conductor termination (16 mm<sup>2</sup>/6 AWG):  
Open the clamping unit with an operating tool when terminating solid, stranded and fine-stranded conductors.