

Data sheet | Item number: 812-110
Ground busbar terminal block; for (10 x 3) mm busbars; 3-pole; CAGE
CLAMP®; 16,00 mm²; green-yellow



Color:

Data
Connection data

Total number of connection points	3
Total number of potentials	3
Number of levels	1

Subject to changes. Please also observe the further product documentation!



Connection 1

Connection technology	CAGE CLAMP®
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 inch
Number of poles	3
Wiring direction	Front-entry wiring

Physical data

Width	38 mm / 1.496 inch
Height	42.5 mm / 1.673 inch
Depth	43.5 mm / 1.713 inch

Material data

Note on material data	Information on material data can be found here
Color	green-yellow
Insulation material	Polyamide (PA66)
Fire load	0.849 MJ
Weight	42.7 g

Commercial data

Product Group	12 (Matrix Patch Board)
PU (SPU)	12 Stück
Packaging type	box
Country of origin	PL
GTIN	4045454014889
Customs tariff number	8536904000

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CSA	C22.2 No. 158	2131504

Subject to changes. Please also observe the further product documentation!



DEKRA Certification B.V.

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UR Underwriters Laboratories Inc.	UL 1059	E45172

Optional accessories

Cover

Cover	
	Item no.: 284-400 Finger guard; touchproof cover protects unused conductor entries; yellow

N-busbar

Mounting accessories	
	Item no.: 210-133 Busbar; tin-plated; 1000 mm long; Cu 10 mm x 3 mm

Ferrules

Ferrule	
	Item no.: 216-101 Ferrule; Sleeve for 0.5 mm ² / AWG 22; uninsulated; electro-tin plated; silver-colored
	Item no.: 216-104 Ferrule; Sleeve for 1.5 mm ² / AWG 16; uninsulated; electro-tin plated; silver-colored
	Item no.: 216-106 Ferrule; Sleeve for 2.5 mm ² / AWG 14; uninsulated; electro-tin plated; silver-colored
	Item no.: 216-107 Ferrule; Sleeve for 4 mm ² / AWG 12; uninsulated; electro-tin plated
	Item no.: 216-108 Ferrule; Sleeve for 6 mm ² / AWG 10; uninsulated; electro-tin plated; silver-colored
	Item no.: 216-109 Ferrule; Sleeve for 10 mm ² / AWG 8; uninsulated; electro-tin plated
	Item no.: 216-102 Ferrule; Sleeve for 0.75 mm ² / AWG 20; uninsulated; electro-tin plated; silver-colored
	Item no.: 216-103

Subject to changes. Please also observe the further product documentation!

Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated

**Item no.: 216-110**

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

**Item no.: 216-123**

Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated; silver-colored

**Item no.: 216-122**

Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated; silver-colored

**Item no.: 216-124**

Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated

**Item no.: 216-132**

Ferrule; Sleeve for 0.34 mm² / AWG 24; uninsulated; electro-tin plated

**Item no.: 216-121**

Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated; silver-colored

**Item no.: 216-131**

Ferrule; Sleeve for 0.25 mm² / AWG 24; uninsulated; electro-tin plated; silver-colored

**Item no.: 216-152**

Ferrule; Sleeve for 0.34 mm² / AWG 24; uninsulated; electro-tin plated

**Item no.: 216-203**

Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red

**Item no.: 216-206**

Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; blue

**Item no.: 216-207**

Ferrule; Sleeve for 4 mm² / AWG 12; insulated; electro-tin plated; gray

**Item no.: 216-202**

Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray

**Item no.: 216-151**

Ferrule; Sleeve for 0.25 mm² / AWG 24; uninsulated; electro-tin plated

**Item no.: 216-204**

Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black

**Item no.: 216-209**

Ferrule; Sleeve for 10 mm² / AWG 8; insulated; electro-tin plated; red

**Item no.: 216-205**

Ferrule; Sleeve for 2.08 mm² / AWG 14; insulated; electro-tin plated; yellow

**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.: 216-201**

Subject to changes. Please also observe the further product documentation!

Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; white



Item no.: 216-223

Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red



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.: 216-222

Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray



Item no.: 216-221

Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; white



Item no.: 216-224

Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black



Item no.: 216-301

Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellow



Item no.: 216-321

Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellow



Item no.: 216-322

Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; light turquoise



Item no.: 216-302

Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; light turquoise

Downloads

Documentation

Bid Text

812-110	Jul 18, 2019
docx - Datei	

812-110	Jul 18, 2019
X81 - Datei	

Additional Information

Technical explanations

CAD files

CAD data

2D/3D Models 812-110

Subject to changes. Please also observe the further product documentation!

2D/3D Models 812-110

CAE data

WSCAD Universe 812-110

ZUKEN Portal 812-110

EPLAN Data Portal 812-110

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 812-110

Ground busbar terminal block; for (10 x 3) mm busbars; 3-pole; CAGE CLAMP®; 16,00 mm²; green-yellow

Installation Notes

Installation



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

Subject to changes. Please also observe the further product documentation!



Conductor termination (16 mm²/6 AWG):

Open the clamping unit with an operating tool when terminating solid, stranded and fine-stranded conductors.

Subject to changes. Please also observe the further product documentation!
