

Data sheet | Item number: 812-113
Busbar terminal block; for (10 x 3) mm busbars; 3-pole; without push-buttons; CAGE CLAMP®; 16,00 mm²; red



Data
Electrical data

IEC Approvals

Rated voltage (III / 3)	1000 V
Rated surge voltage (III/3)	6 kV
Rated current	96 A
Note on rated current 1	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.
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

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



Connection data

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

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	red
Insulation material	Polyamide (PA66)
Fire load	0.851 MJ
Weight	42 g

Commercial data

Product Group	12 (Matrix Patch Board)
PU (SPU)	12 Stück
Packaging type	box
Country of origin	PL
GTIN	4045454014919
Customs tariff number	8536904000

Approvals / Certificates

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

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60947	2160584.49
	CCA DEKRA Certification B.V.	EN 60947	NTR NL-7153
	CSA DEKRA Certification B.V.	C22.2 No. 158	2131504

UL-Approvals

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

Optional accessories

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

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

	Item no.: 216-102 Ferrule; Sleeve for 0.75 mm ² / AWG 20; uninsulated; electro-tin plated; silver-colored
	Item no.: 216-103 Ferrule; Sleeve for 1 mm ² / AWG 18; uninsulated; electro-tin plated
	Item no.: 216-110 Ferrule; Sleeve for 16 mm ² / AWG 6; uninsulated; electro-tin plated; metallic brown
	Item no.: 216-123 Ferrule; Sleeve for 1 mm ² / AWG 18; uninsulated; electro-tin plated; silver-colored
	Item no.: 216-122 Ferrule; Sleeve for 0.75 mm ² / AWG 20; uninsulated; electro-tin plated; silver-colored
	Item no.: 216-124 Ferrule; Sleeve for 1.5 mm ² / AWG 16; uninsulated; electro-tin plated
	Item no.: 216-132 Ferrule; Sleeve for 0.34 mm ² / AWG 24; uninsulated; electro-tin plated
	Item no.: 216-121 Ferrule; Sleeve for 0.5 mm ² / AWG 22; uninsulated; electro-tin plated; silver-colored
	Item no.: 216-131 Ferrule; Sleeve for 0.25 mm ² / AWG 24; uninsulated; electro-tin plated; silver-colored
	Item no.: 216-152 Ferrule; Sleeve for 0.34 mm ² / AWG 24; uninsulated; electro-tin plated
	Item no.: 216-203 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; red
	Item no.: 216-206 Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated; blue
	Item no.: 216-207 Ferrule; Sleeve for 4 mm ² / AWG 12; insulated; electro-tin plated; gray
	Item no.: 216-202 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; gray
	Item no.: 216-151 Ferrule; Sleeve for 0.25 mm ² / AWG 24; uninsulated; electro-tin plated
	Item no.: 216-204 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; black
	Item no.: 216-209 Ferrule; Sleeve for 10 mm ² / AWG 8; insulated; electro-tin plated; red
	Item no.: 216-205 Ferrule; Sleeve for 2.08 mm ² / 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

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

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

Downloads

Documentation

Bid Text

812-113

Jul 18, 2019

docx

docx - Datei

15.5 kB

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



812-113
X81 - Datei

Jul 18, 2019

xml
3.9 kB

Additional Information
Technical explanations

pdf
2.2 MB

CAD files

CAD data

2D/3D Models 812-113

CAE data

EPLAN Data Portal 812-113

WSCAD Universe 812-113

ZUKEN Portal 812-113

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 812-113

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CLAMP®; 16,00 mm²; red

Installation Notes

Installation

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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.

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