

Data sheet | Item number: 812-114
Busbar terminal block; for (10 x 3) mm busbars; 3-pole; without push-buttons; CAGE CLAMP®; 16,00 mm²; blue



Color: 

Data
Electrical data

IEC Approvals

Rated voltage (III / 3)	1000 V
Rated surge voltage (III/3)	6 kV
Rated current	96 A

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



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) $\triangleq$ Overvoltage category III / Pollution degree 3

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 mm ² / 14 ... 6 AWG
Fine-stranded conductor	1.5 ... 16 mm ² / 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	blue
Insulation material	Polyamide (PA66)
Fire load	0.852 MJ
Weight	42.9 g

Commercial data

Product Group	12 (Matrix Patch Board)
PU (SPU)	12 Stück

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



Packaging type	box
Country of origin	PL
GTIN	4045454014926
Customs tariff number	8536904000

Approvals / Certificates

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

Cover

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

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 mm² / 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 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

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

Ferrule; Sleeve for 0.75 mm² / 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 mm ² / 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 mm ² / 20 AWG; insulated; electro-tin plated; white
	Item no.: 216-223 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; red
	Item no.: 216-210 Ferrule; Sleeve for 16 mm ² / 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 mm ² / 18 AWG; insulated; electro-tin plated; gray
	Item no.: 216-221 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; white
	Item no.: 216-224 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; black
	Item no.: 216-301 Ferrule; Sleeve for 0.25 mm ² / AWG 24; insulated; electro-tin plated; yellow
	Item no.: 216-321 Ferrule; Sleeve for 0.25 mm ² / AWG 24; insulated; electro-tin plated; yellow
	Item no.: 216-322 Ferrule; Sleeve for 0.34 mm ² / 22 AWG; insulated; electro-tin plated; light turquoise
	Item no.: 216-302 Ferrule; Sleeve for 0.34 mm ² / 22 AWG; insulated; electro-tin plated; light turquoise

N-busbar

Mounting accessories

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

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



Downloads

Documentation

Bid Text

812-114	Jul 18, 2019	xml
X81 - Datei		3.9 kB

812-114	Jul 18, 2019	docx
docx - Datei		15.5 kB

Additional Information

Technical explanations	pdf
	2.2 MB

CAD files

CAD data

2D/3D Models 812-114

CAE data

WSCAD Universe 812-114

EPLAN Data Portal 812-114

ZUKEN Portal 812-114

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 812-114

Busbar terminal block; for (10 x 3) mm busbars; 3-pole; without push-buttons; CAGE CLAMP®; 16,00 mm²; blue

Installation Notes

Installation

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



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.

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