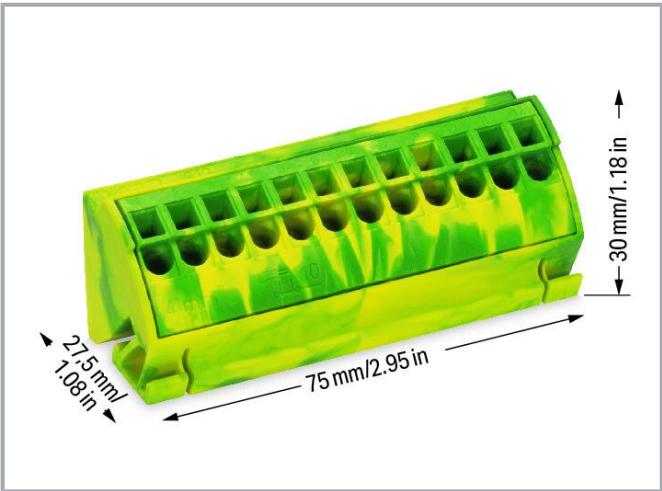


Data sheet | Item number: 812-100
Ground busbar terminal block; for (10 x 3) mm busbars; Push-in CAGE CLAMP®; 4,00 mm²; green-yellow

www.wago.com/812-100



Data
Electrical data

Ratings per IEC/EN

Legend (ratings)

Connection data

Connection points	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

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

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Stranded conductor	0.5 ... 4 mm ² / 20 ... 12 AWG
Fine-stranded conductor	0.5 ... 4 mm ² / 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	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.822 MJ
Weight	35.6 g

Environmental requirements

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

Product Group	12 (Matrix Patch Board)
eCl@ss 10.0	27-14-11-46
eCl@ss 9.0	27-14-11-46
ETIM 8.0	EC000001
ETIM 7.0	EC000001
PU (SPU)	10 pcs
Packaging type	box
Country of origin	PL
GTIN	4044918253253
Customs tariff number	85369010000

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Environmental Product Compliance

RoHS Compliance Status

Compliant, No Exemption

Approvals / Certificates

General 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
	UR Underwriters Laboratories Inc.	UL 1059	E45172

Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
	UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Optional accessories

Ferrule

Ferrule

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	Item no.: 216-101 Ferrule; Sleeve for 0.5 mm ² / AWG 22; uninsulated; electro-tin plated; silver-colored	www.wago.com/216-101
	Item no.: 216-104 Ferrule; Sleeve for 1.5 mm ² / AWG 16; uninsulated; electro-tin plated; silver-colored	www.wago.com/216-104
	Item no.: 216-106 Ferrule; Sleeve for 2.5 mm ² / AWG 14; uninsulated; electro-tin plated; silver-colored	www.wago.com/216-106
	Item no.: 216-107 Ferrule; Sleeve for 4 mm ² / AWG 12; uninsulated; electro-tin plated	www.wago.com/216-107
	Item no.: 216-102 Ferrule; Sleeve for 0.75 mm ² / AWG 20; uninsulated; electro-tin plated; silver-colored	www.wago.com/216-102
	Item no.: 216-103 Ferrule; Sleeve for 1 mm ² / AWG 18; uninsulated; electro-tin plated	www.wago.com/216-103
	Item no.: 216-110 Ferrule; Sleeve for 16 mm ² / AWG 6; uninsulated; electro-tin plated; brown metallic	www.wago.com/216-110
	Item no.: 216-123 Ferrule; Sleeve for 1 mm ² / AWG 18; uninsulated; electro-tin plated; silver-colored	www.wago.com/216-123
	Item no.: 216-122 Ferrule; Sleeve for 0.75 mm ² / AWG 20; uninsulated; electro-tin plated; silver-colored	www.wago.com/216-122
	Item no.: 216-124 Ferrule; Sleeve for 1.5 mm ² / AWG 16; uninsulated; electro-tin plated	www.wago.com/216-124
	Item no.: 216-132 Ferrule; Sleeve for 0.34 mm ² / AWG 24; uninsulated; electro-tin plated	www.wago.com/216-132
	Item no.: 216-121 Ferrule; Sleeve for 0.5 mm ² / AWG 22; uninsulated; electro-tin plated; silver-colored	www.wago.com/216-121
	Item no.: 216-131 Ferrule; Sleeve for 0.25 mm ² / AWG 24; uninsulated; electro-tin plated; silver-colored	www.wago.com/216-131
	Item no.: 216-152 Ferrule; Sleeve for 0.34 mm ² / AWG 24; uninsulated; electro-tin plated	www.wago.com/216-152
	Item no.: 216-203 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; red	www.wago.com/216-203
	Item no.: 216-206 Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated; blue	www.wago.com/216-206
	Item no.: 216-207 Ferrule; Sleeve for 4 mm ² / AWG 12; insulated; electro-tin plated; gray	www.wago.com/216-207
	Item no.: 216-202 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; gray	www.wago.com/216-202
	Item no.: 216-151	

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

Ferrule; Sleeve for 0.25 mm² / AWG 24; uninsulated; electro-tin platedwww.wago.com/216-151**Item no.: 216-204**Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; blackwww.wago.com/216-204**Item no.: 216-205**Ferrule; Sleeve for 2.08 mm² / AWG 14; insulated; electro-tin plated; yellowwww.wago.com/216-205**Item no.: 216-201**Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; whitewww.wago.com/216-201**Item no.: 216-223**Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; redwww.wago.com/216-223**Item no.: 216-222**Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; graywww.wago.com/216-222**Item no.: 216-221**Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; whitewww.wago.com/216-221**Item no.: 216-224**Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; blackwww.wago.com/216-224**Item no.: 216-301**Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellowwww.wago.com/216-301**Item no.: 216-321**Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellowwww.wago.com/216-321**Item no.: 216-322**Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; light turquoisewww.wago.com/216-322**Item no.: 216-302**Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; light turquoisewww.wago.com/216-302**N-busbar**

Mounting accessories

**Item no.: 210-133**

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

www.wago.com/210-133**Downloads****Documentation****Bid Text**

812-100	18 Jul 2019	xml	Download
X81 - Datei		3.4 kB	
812-100	18 Jul 2019	docx	Download
docx - Datei		15.1 kB	

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Additional Information

pdf
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CAD/CAE-Data

CAD data

2D/3D Models 812-100	URL	Download
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CAE data

EPLAN Data Portal 812-100	URL	Download
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WSCAD Universe 812-100	URL	Download
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ZUKEN Portal 812-100	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 812-100 Ground busbar terminal block; for (10 x 3) mm busbars; Push-in CAGE CLAMP®; 4,00 mm²; green-yellow	URL	Download
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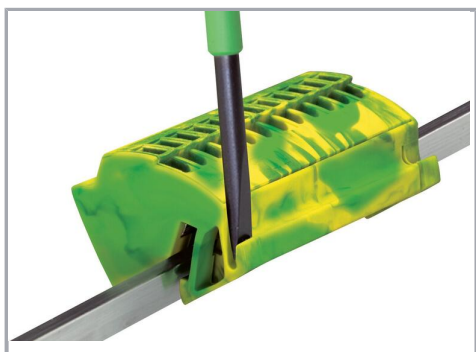
Installation Notes

Installation

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

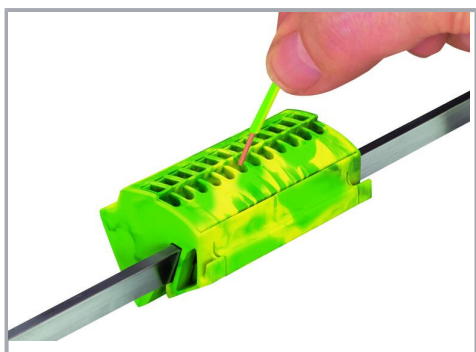
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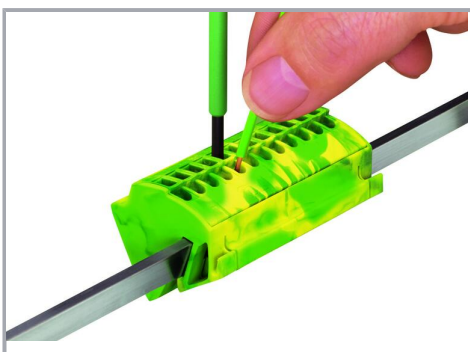
Unlock right and left positions to remove the ground busbar terminal block. Then pull up the block from the busbar.

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.

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