

Data Sheet | Item Number: 811-314

2-conductor fuse holder ; for cylindrical fuses 10 x 38 mm; 13/32" x 1 1/2"; 1-pole; with blown fuse indication; 24 VDC; for DIN-rail 35 x 15 and 35 x 7.5; 16 mm²; CAGE CLAMP®; light gray

<https://www.wago.com/811-314>



Color: ■ light gray

Similar to illustration



Similar to illustration

Fuse terminal block, 811 Series, light gray

Easily, quickly and safely connect conductors with this fuse terminal block (item number 811-314). Ensure that the strip lengths are between 12 mm and 13 mm when connecting conductors to this fuse terminal block. This product features conductor terminals and utilizes CAGE CLAMP®. Our CAGE CLAMP® connection offers a secure and maintenance-free way to connect all types of conductors. You do not need to prepare the conductor in any way, such as crimping ferrules. Depending on the conductor type, this fuse terminal block is suitable for conductor cross sections ranging from 2.5 mm² to 16 mm². It features one level and two clamping points that you can use to connect a single potential / 1 pole. The light gray housing is made of polyamide (PA66) for insulation. These function terminal blocks are mounted using DIN-35 rails..

Notes	
Safety Information	The fuse holder must not be opened under load.

Electrical data			
Ratings per		IEC/HD 60269-2	
Overvoltage category		III	II
Pollution degree		3	2
Nominal voltage		24 V	-
Rated surge voltage		8 kV	-
Rated current		32 A	-
Ratings per IEC/EN – Notes		Electrical ratings are specified in the technical data of both fuse terminal block and fuse. When selecting glass cartridge fuses, make sure that the listed power loss is not exceeded.	
Ratings (note)			
Approvals per		UL 4248-19	
Use group		B	D
Rated voltage		-	-
Approvals per		CSA 22.2	
Use group		B	D
Rated voltage		-	-
Power Loss			
Maximum power loss P _{loss} of fuse insert for overload and short-circuit protection (individual arrangement)		3 W	
Maximum power loss P _{loss} of fuse insert for overload and short-circuit protection (block arrangement)		3 W	
Power loss P _I max. short-circuit protection (individual arrangement)		3 W	
Power loss P _{loss} (max.) of fuse cartridge for short-circuit protection (block arrangement)		3 W	
General information			
Voltage type 1		DC	
Fuse receptacle		pluggable	
Fuse type		Cylindrical fuse; 10 x 38 mm	



Connection data																		
Clamping units	2	Connection 1 <table><tr><td>Connection technology</td><td>CAGE CLAMP®</td></tr><tr><td>Actuation type</td><td>Operating tool</td></tr><tr><td>Connectable conductor materials</td><td>Copper</td></tr><tr><td>Solid conductor</td><td>2.5 ... 16 mm² / 14 ... 6 AWG</td></tr><tr><td>Fine-stranded conductor</td><td>2.5 ... 16 mm² / 16 ... 6 AWG</td></tr><tr><td>Strip length</td><td>12 ... 13 mm / 0.47 ... 0.51 inches</td></tr><tr><td>Pole number</td><td>1</td></tr><tr><td>Wiring direction</td><td>Side-entry wiring</td></tr></table>	Connection technology	CAGE CLAMP®	Actuation type	Operating tool	Connectable conductor materials	Copper	Solid conductor	2.5 ... 16 mm² / 14 ... 6 AWG	Fine-stranded conductor	2.5 ... 16 mm² / 16 ... 6 AWG	Strip length	12 ... 13 mm / 0.47 ... 0.51 inches	Pole number	1	Wiring direction	Side-entry wiring
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Pole number	1																	
Wiring direction	Side-entry wiring																	
Total number of potentials	1																	
Number of levels	1																	

Physical data		
Width		17.5 mm / 0.689 inches
Height		105 mm / 4.134 inches
Depth from upper-edge of DIN-rail		55 mm / 2.165 inches

Mechanical data		
Mounting type		DIN-35 rail
Mounting (note)		The fixed foot of the fuse terminal block must face upwards so that the fuse cannot fall out.

Material data		
Note (material data)		Information on material specifications can be found here
Color		light gray
Material group		I
Insulation material (main housing)		Polyamide (PA66)
Flammability class per UL94		V0
Fire load		0 MJ
Weight		63.5 g

Environmental requirements		
Processing temperature		-35 ... +85 °C
Continuous operating temperature		-35 ... +85 °C

Commercial data		
Product Group		1 (Rail Mounted Terminal Blocks)
PU (SPU)		12 (1) pcs
Packaging type		Box
Country of origin		CN
GTIN		4055143101943
Customs tariff number		85369095000



Product Classification	
UNSPSC	39121624
eCl@ss 10.0	27-14-11-16
eCl@ss 9.0	27-14-11-16
ETIM 9.0	EC002705
ETIM 8.0	EC002705
ECCN	NO US CLASSIFICATION

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates		
Declarations of conformity and manufacturer's declarations		

Approval	Standard	Certificate Name
EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 811-314	

Documentation			
Bid Text			
811-314	19.02.2019	xml 3.87 KB	
811-314	14.03.2017	doc 26.50 KB	

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 811-314	EPLAN Data Portal 811-314
	WSCAD Universe 811-314
	ZUKEN Portal 811-314



1 Compatible Products

1.1 Optional Accessories

1.1.1 Ferrule

1.1.1.1 Ferrule



Item No.: 216-545
Twin ferrule; Sleeve for 2 x 2.5 mm / AWG 14; insulated; blue



Item No.: 216-546
Twin ferrule; Sleeve for 2 x 4 mm / AWG 12; insulated; gray



Item No.: 216-547
Twin ferrule; Sleeve for 2 x 6 mm / AWG 10; insulated; yellow

1.1.2 Installation

1.1.2.1 Locking system



Item No.: 811-612
Coupling kit; for 12 poles; red

1.1.3 Jumper

1.1.3.1 Jumper



Item No.: 811-480
Jumper; 10-way; insulated; light gray



Item No.: 811-481
Jumper; 11-way; insulated; light gray



Item No.: 811-482
Jumper; 12-way; insulated; light gray



Item No.: 811-472
Jumper; 2-way; insulated; light gray



Item No.: 811-473
Jumper; 3-way; insulated; light gray



Item No.: 811-474
Jumper; 4-way; insulated; light gray



Item No.: 811-475
Jumper; 5-way; insulated; light gray



Item No.: 811-476
Jumper; 6-way; insulated; light gray



Item No.: 811-477
Jumper; 7-way; insulated; light gray



Item No.: 811-478
Jumper; 8-way; insulated; light gray



Item No.: 811-479
Jumper; 9-way; insulated; light gray

1.1.4 Marking

1.1.4.1 Marker



Item No.: 793-5501/000-006
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; blue



Item No.: 793-5501/000-014
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; brown



Item No.: 793-5501/000-007
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; gray



Item No.: 793-5501/000-023
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; green



Item No.: 793-5501/000-017
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; light green



Item No.: 793-5501/000-012
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; orange



Item No.: 793-5501/000-005
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; red



Item No.: 793-5501/000-024
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; violet



Item No.: 793-5501
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white



Item No.: 793-5501/000-002
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; yellow



Item No.: 793-501/000-006
WMB marking card; as card; not stretchable; plain; snap-on type; blue



Item No.: 793-501/000-007
WMB marking card; as card; not stretchable; plain; snap-on type; gray



1.1.4.1 Marker



Item No.: 793-501/000-023
WMB marking card; as card; not stretchable; plain; snap-on type; green



Item No.: 793-501/000-017
WMB marking card; as card; not stretchable; plain; snap-on type; light green



Item No.: 793-501/000-012
WMB marking card; as card; not stretchable; plain; snap-on type; orange



Item No.: 793-501/000-005
WMB marking card; as card; not stretchable; plain; snap-on type; red



Item No.: 793-501/000-024
WMB marking card; as card; not stretchable; plain; snap-on type; violet



Item No.: 793-501
WMB marking card; as card; not stretchable; plain; snap-on type; white



Item No.: 793-501/000-002
WMB marking card; as card; not stretchable; plain; snap-on type; yellow



Item No.: 2009-115/000-006
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue



Item No.: 2009-115/000-007
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray



Item No.: 2009-115/000-023
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green



Item No.: 2009-115/000-017
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; light green



Item No.: 2009-115/000-012
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange



Item No.: 2009-115/000-005
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red



Item No.: 2009-115/000-024
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet



Item No.: 2009-115
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white



Item No.: 2009-115/000-002
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow

1.1.4.2 Marker carrier



Item No.: 285-442
Adaptor; gray

1.1.5 Supply module

1.1.5.1 Supply module



Item No.: 811-471
Supply module; 35 mm²; for 811 Series Fuse Terminal Blocks; SCREW CLAMP CONNECTION; 35,00 mm²; light gray

Installation Notes

Installation



Creating a 2- or 3-pole fuse terminal block via coupling kit.

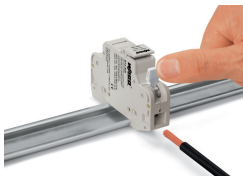


Removing a terminal block from the DIN-rail.

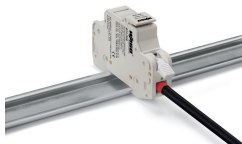
Conductor termination



Open and close lever via operating tool.



CAGE CLAMP® connection
Inserting a conductor.
Opening the clamping unit via integrated lever.



Terminating ferruled conductors up to 10 mm² (8 AWG).

Commoning



Jumper bar for quick and convenient commoning



Inserting a fuse.

Marking



WMB marker slot for convenient identification



Marker carriers (285-442) for continuous marking strips