Data Sheet | Item Number: 811-314

2-conductor fuse holder ; for cylindrical fuses 10 x 38 mm; 13/32" x 11/2"; 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, operating tool

Connect conductors quickly and safely with this fuse terminal block (item number 811-314). Conductors should only be connected to this fuse terminal block if their strip length is between 12 and 13 mm . This product incorporates conductor terminals and utilizes CAGE CLAMP®. Our CAGE CLAMP® connection offers a safe 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 type of conductor, this fuse terminal block is suitable for conductor cross sections ranging from 2.5 mm² to 16 mm².

Notes

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

Electrical data

Ratings per	IEC/HD 60269-2		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	24 V	-	-
Rated impulse withstand voltage	8 kV	-	-
Rated current	32 A	-	-

Ratings per IEC/EN – Notes	
Ratings (note)	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 per UL	
Approvals per	UL 4248-19
Rated voltage (UL)	24 V
Rated current UL	30 A
Rated voltage (UL 2)	24 V

Ratings per CSA	
Approvals per	CSA 22.2
Rated current CSA	30 A
Rated voltage CSA	24 V

Continued on next page

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
Maximum power loss P_{loss} of fuse insert for 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
Wiring direction	Side-entry wiring

Connection Data

Clamping units	2
Total number of potentials	1
Number of levels	1

Connection 1

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

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
Weight	63.5 g

Environmental requirements

Processing temperature	-35 … +85 °C
Continuous operating temperature	-35 … +85 °C

Continued on next page

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 10.0	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 Conformity 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	

Continued on next page

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

Continued on next page

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



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

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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.

Continued on next page

Marking



WMB marker slot for convenient identification



Marker carriers (285-442) for continuous marking strips