

Data Sheet | Item Number: 811-316

2-conductor fuse holder ; for cylindrical fuses 10 x 38 mm; 13/32" x 1 1/2"; for photovoltaic applications; 1-pole; without blown fuse indication; 1000 VDC; for DIN-rail 35 x 15 and 35 x 7.5; 16 mm²; CAGE CLAMP®; light gray

<https://www.wago.com/811-316>



Color: ■ light gray



Fuse terminal block, 811 Series, light gray

Easily, quickly and safely connect conductors with this fuse terminal block (item number 811-316). Strip lengths must be between 12 mm and 13 mm when connecting conductors to this fuse terminal block. Featuring conductor terminals along with CAGE CLAMP®, this connector is highly versatile. Our proven universal connection known as CAGE CLAMP® is industry-leading when it comes to connection technology and electrical interconnections. Depending on the type of conductor, this fuse terminal block is suitable for conductor cross sections ranging from 2.5 mm² to 16 mm². It has one level. You can connect a single potential / one pole using the two clamping points. 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	III	II
Pollution degree	3	2	2
Nominal voltage	1000 V	-	-
Rated surge 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.

Approvals per	UL 4248-19		
Use group	B	C	D
Rated voltage	-	-	-

Approvals per	CSA 22.2		
Use group	B	C	D
Rated voltage	-	-	-

Power Loss	
Power loss P _i max. overload and short-circuit protection (individual arrangement)	3 W
Power loss P _i max. overload and short-circuit protection (group arrangement)	3 W
Power loss P _i max. short-circuit protection (individual arrangement)	3 W
Power loss P _i max. short-circuit protection (group arrangement)	3 W

General information	
Voltage type 1	DC
Fuse receptacle	pluggable
Fuse type	Cylindrical fuse; 10 x 38 mm; for photovoltaic applications

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 / 14 ... 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
Fire load	0 MJ
Weight	63.1 g

Environmental requirements

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

Commercial data

eCl@ss 10.0	27-14-11-16
eCl@ss 9.0	27-14-11-16
ETIM 9.0	EC002705
ETIM 8.0	EC002705
PU (SPU)	12 pcs
Packaging type	Box
Country of origin	CN
GTIN	4050821849001
Customs tariff number	85369095000



Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption