

Data Sheet | Item Number: 811-414

2-conductor fuse holder ; for Class CC cylindrical fuses; 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/811-414>



Color: light gray

Similar to illustration



Similar to illustration

Fuse terminal block, 811 Series, light gray

Connect conductors quickly and easily with this fuse terminal block (item number 811-414). Conductors can only be connected to this fuse terminal block if their strip length is between 12 mm and 13 mm. Featuring conductor terminals along with CAGE CLAMP®, this product delivers reliable performance. Our highly-rated and maintenance-free CAGE CLAMP® connection makes it easy to connect all conductor types without having to prepare the conductor. For example, you don't need to crimp ferrules. This fuse terminal block is suitable for conductor cross sections ranging from 2.5 mm² to 16 mm². Up to one potential / one pole can be connected to this terminal block using two clamping points on one level. 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	24 V	-	-
Rated surge voltage	8 kV	-	-
Rated current	30 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.
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Approvals per

Use group	B	C	D
Rated voltage	-	-	-

Approvals per

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	AC
Fuse receptacle	pluggable
Fuse type	Cylindrical fuse; 10 x 38 mm; Class CC



Connection data		
Clamping units	2	<div>Connection 1</div> <div>Connection technologyCAGE CLAMP®</div> <div>Actuation typeOperating tool</div> <div>Connectable conductor materialsCopper</div> <div>Solid conductor2.5 ... 16 mm² / 14 ... 6 AWG</div> <div>Fine-stranded conductor2.5 ... 16 mm² / 16 ... 6 AWG</div> <div>Strip length12 ... 13 mm / 0.47 ... 0.51 inches</div> <div>Pole number1</div> <div>Wiring directionSide-entry wiring</div>
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	1.1 g	

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

Commercial data		
Product Group	1 (Rail Mounted Terminal Blocks)	
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 (1) pcs	
Packaging type	Box	
Country of origin	CN	
GTIN	4055143102018	
Customs tariff number	85369095000	



Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption