

<https://www.wago.com/811-431>



Similar to illustration



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Quick and easy connections are guaranteed with this fuse terminal block (item number 811-431). 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 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. It comes with one level and six clamping points for connecting three potentials / 3 poles. The light gray housing is made of polyamide (PA66) for insulation. These function terminal blocks are mounted using DIN-35 rails..

Safety Information

The fuse holder must not be opened under load.

Ratings per	IEC/HD 60269-2		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	600 V	-	-
Rated surge voltage	8 kV	-	-
Rated current	30 A	-	-

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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Rated voltage (III/3)	600 V
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UL 4248-4

Use group	B	C	D
Rated voltage	-	-	-

CSA 22.2

Use group	B	C	D
Rated voltage	-	-	-

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
Voltage type 2	DC
Fuse receptacle	pluggable
Fuse type	Cylindrical fuse; 10 x 38 mm; Class CC

Connection data			
Clamping units	6	Connection 1	
Total number of potentials	3	Connection technology	CAGE CLAMP®
Number of levels	1	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	3
		Wiring direction	Side-entry wiring

Physical data		
Width		52.5 mm / 2.067 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)	4 (1) pcs
Packaging type	Box
Country of origin	CN
GTIN	4055143187442
Customs tariff number	85369095000

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption