


## Fuse Terminal Block for 10 x 38 mm (1 3/32" x 1 1/2") Cylindrical Fuses and Class CC Fuses 16 mm<sup>2</sup>; 811 Series

### Technical Data

2.5 ... 16 mm <sup>2</sup>	14 ... 6 AWG
1000 VDC, 32 A	1000 VDC, 30 A <sup>Ⓢ</sup>

Terminal block width: 17.5 mm / 0.689 inch

 12 ... 13 mm / 0.47 ... 0.51 inch


### Technical Data

2.5 ... 16 mm <sup>2</sup>	14 ... 6 AWG
690 VAC, 32 A	750 VAC, 30 A <sup>Ⓢ</sup>
1000 VDC, 32 A	600 VAC, 30 A <sup>Ⓢ</sup>
	1000 VDC, 30 A <sup>Ⓢ</sup> Ⓢ


Terminal block width: 17.5 mm / 0.689 inch

 12 ... 13 mm / 0.47 ... 0.51 inch

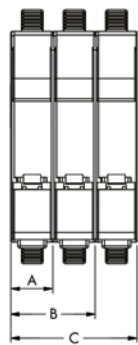
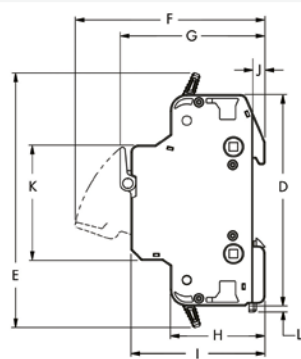

### Technical Data

2.5 ... 16 mm <sup>2</sup>	14 ... 6 AWG
32 A	600 V, 30 A <sup>Ⓢ</sup>
	600 V, 30 A <sup>Ⓢ</sup>

Terminal block width: 17.5 mm / 0.689 inch

 12 ... 13 mm / 0.47 ... 0.51 inch


Dimensions (in mm):



Dimension	mm (inch)
A	17.3 (0.68)
B	34.6 (1.36)
C	51.9 (2.04)
D	87 (3.43)
E	104.9 (4.13)
F	78.3 (3.08)
G	59.7 (2.35)
H	39 (1.54)
I	55.2 (2.17)
J	5 (0.2)
K	47.4 (1.87)
L	2.5 (0.1)

Fuse terminal block for 10 x 38 mm (1 3/32" x 1 1/2") cylindrical fuses; for photovoltaic applications; without blown fuse indication; for DIN-35 rail per EN 60715; light gray

Pole No.	Item No.	Pack. Unit
○ 1-pole	811-316	12

Fuse terminal block for 10 x 38 mm (1 3/32" x 1 1/2") cylindrical fuses; without blown fuse indication; for DIN-35 rail per EN 60715; light gray

Pole No.	Item No.	Pack. Unit
○ 1-pole	811-310	12
○ 2-pole	811-320	6
○ 3-pole	811-330	4

Fuse terminal block for class CC fuses; without blown fuse indication; for DIN-35 rail per EN 60715; light gray

Pole No.	Item No.	Pack. Unit
○ 1-pole	811-410	12
○ 2-pole	811-420	6
○ 3-pole	811-430	4

Fuse terminal block for 10 x 38 mm (1 3/32" x 1 1/2") cylindrical fuses; for photovoltaic applications; with blown fuse indication; 230 ... 1000 VDC; for DIN-35 rail; light gray

○ 1-pole	811-317	12
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Fuse terminal block for 10 x 38 mm (1 3/32" x 1 1/2") cylindrical fuses; with blown fuse indication; 90 ... 600 VAC; 115 ... 600 VDC; for DIN-35 rail; light gray

○ 1-pole	811-311	12
○ 2-pole	811-321	6
○ 3-pole	811-331	4

Fuse terminal block for class CC fuses; with blown fuse indication; 90 ... 600 VAC; 115 ... 600 VDC; for DIN-35 rail; light gray

○ 1-pole	811-411	12
○ 2-pole	811-421	6
○ 3-pole	811-431	4

Fuse terminal block for 10 x 38 mm (1 3/32" x 1 1/2") cylindrical fuses; with blown fuse indication; 24 VDC; for DIN-35 rail; light gray

○ 1-pole	811-314	12
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Fuse terminal block for class CC fuses; with blown fuse indication; 24 VDC; for DIN-35 rail; light gray

○ 1-pole	811-414	12
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### Accessories; 811 Series

Appropriate marking systems: WMB/Marking strips

Supply module; 35 mm<sup>2</sup>; 600 VAC; 1000 VDC

	811-471	16 (4)
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Coupling kit; for 12 poles

	811-612	1
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WMB Inline, plain; 1,500 WMB markers (5 mm)/reel; 5 ... 5.2 mm stretchable

	white	2009-115	1
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Test plug; with 500 mm cable; 2 mm Ø; max. 42 V

	red	210-136	50
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Marker carrier; for POWER CAGE CLAMP 35/50/95 mm<sup>2</sup>; 10.4 mm wide

	gray	285-442	25
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WMB marking card; white; 10 strips with 10 markers/card; stretchable 5 ... 5.2 mm

	plain	793-5501	5
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Cylindrical fuses are not offered by WAGO. Temperature range: -35 ... +85 °C  
Electrical ratings are given by the fuse and blown fuse indication.

Please observe the application notes:  
Marking, from page 684

Approvals and corresponding ratings,  
visit [www.wago.com](http://www.wago.com)

#### Accessories; 811 Series

Appropriate marking systems:  
WMB/Marking strips

#### Push-in type jumper bar; insulated; I<sub>N</sub> 63 A

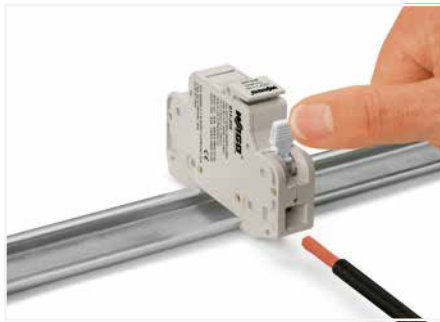


2-way	811-472	50 (10)
3-way	811-473	40 (10)
4-way	811-474	40 (10)
5-way	811-475	40 (10)
6-way	811-476	30 (10)
7-way	811-477	20 (10)
8-way	811-478	20 (10)
9-way	811-479	20 (10)
10-way	811-480	20 (10)
11-way	811-481	20 (10)
12-way	811-482	20 (10)

#### Twin ferrule only for 811 Series; insulated; 12 mm long



Sleeve for 2 x 2.5 mm <sup>2</sup> / 14 AWG	216-545	100
Sleeve for 2 x 4 mm <sup>2</sup> / 12 AWG	216-546	100
Sleeve for 2 x 6 mm <sup>2</sup> / 10 AWG	216-547	100



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



Terminating ferruled conductors up to 10 mm<sup>2</sup> (8 AWG).



Inserting a fuse.



Removing a terminal block from the DIN-rail.

6



Open and close lever via operating tool.



Marker carriers (285-442) for continuous marking strips



WMB marking location for convenient identification



Jumper bar for quick and convenient commoning



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

## Fused Disconnect Terminal Block; for 10/14 x 85 mm Cylindrical Fuses 16 mm<sup>2</sup>; 811 Series

### Technical Data

2.5 ... 16 mm<sup>2</sup> | 14 ... 6 AWG

1500 VDC, 32 A

Terminal block width: 22.3 mm / 0.878 inch

12 ... 13 mm / 0.47 ... 0.51 inch

Cylindrical fuses are not offered by WAGO. Temperature range: -35 ... +85 °C  
Electrical ratings are given by the fuse and blown fuse indication.

Approvals and corresponding ratings, visit [www.wago.com](http://www.wago.com)



2-conductor fused disconnect terminal block; with a pivoting fuse holder; with test point; for 10/14 x 85 mm cylindrical fuses; for photovoltaic applications; for DIN-35 rail; light gray

Pole No.	Item No.	Pack. Unit
○ 1-pole	811-1316	12



Opening and closing lever via operating tool.



Removing a terminal block from the DIN-rail.



Inserting a fuse.



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



Terminating ferruled conductors up to 10 mm<sup>2</sup> (8 AWG).



## Application Notes on Terminal Blocks for Glass Cartridge Fuses

### Terminal Blocks for Glass Cartridge Fuses Tested per IEC or EN 60947-7-3/VDE 0611-6

When selecting glass cartridge fuses, make sure that the maximum power loss listed below is not exceeded.

The power loss is determined according to IEC or EN 60947-7-3/VDE 0611-6 at 23°C.

The temperature rise of the terminal blocks must be checked according to their application and mounting.

Higher ambient temperatures represent an additional impact on fuse cartridges. Therefore, in such applications, the rated current must be reduced if necessary.

More details are available from the manufacturers.

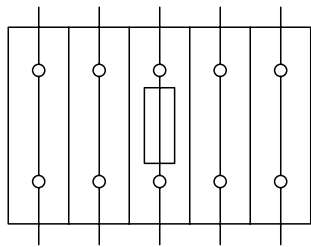
#### Glass Cartridge Fuses (5 x 20 mm)

Series Item No.	Overload and Short-Circuit Protection		Short-Circuit Protection Only	
	Individual Arrangement	Block Arrangement	Individual Arrangement	Block Arrangement
Fuse terminal blocks (with screw cap), front-entry (5 x 20 mm)				
282-122 282-124	2.5 W	2.5 W	4 W	4 W
Fused disconnect terminal block with a pivoting fuse holder for glass cartridge fuses (5 x 20 mm)				
281-611 281-616 281-611/281-541 281-611/281-542 281-611/281-417 281-611/281-418	2.5 W	1.6 W	4 W	4 W
Fuse plugs for glass cartridge fuses (5 x 20 mm)				
281-511 281-512 281-512/281-501 281-512/281-418 281-512/281-417	2.5 W	1.6 W	4 W	4 W

Glass Cartridge Fuses (6.3 x 32 mm)

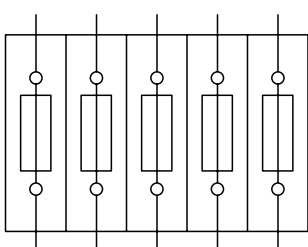
Series Item No.	Overload and Short-Circuit Protection		Short-Circuit Protection Only	
	Individual Arrangement	Block Arrangement	Individual Arrangement	Block Arrangement
Fuse terminal blocks (with screw cap), front-entry (1/4" x 11/4" ≈ 6.3 x 32 mm)				
282-128 282-128/281-418 282-128/281-413 282-128/281-417	2.5 W	2.5 W	4 W	4 W
Fused disconnect terminal block with a pivoting fuse holder for glass cartridge fuses (1/4" x 11/4" ≈ 6.3 x 32 mm)				
281-623 281-623/281-541 281-623/281-542 281-623/281-417 281-623/281-418	2.5 W	1.6 W	4 W	2.5 W

Individually arranged fuse terminal blocks



Terminal block assembly including one fuse terminal block and through terminal blocks

Fuse terminal block in a group



Terminal block assembly including five fuse terminal blocks