

<https://www.wago.com/811-320>



Similar to illustration



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Quick and easy connections are guaranteed with this fuse terminal block (item number 811-320). Strip lengths must be between 12 mm and 13 mm when connecting conductors to this fuse terminal block. This product features conductor terminals and utilizes CAGE CLAMP®. Our CAGE CLAMP® connection provides a reliable 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. This fuse terminal block is suitable for conductor cross sections ranging from 2.5 mm² to 16 mm². It features one level and four clamping points that you can use to connect two potentials / 2 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	690 V	-	-
Rated impulse withstand voltage	8 kV	-	-
Rated current	32 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)	1000 V
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UL 4248-1

Use group	B	C	D
Rated voltage	-	-	-

CSA 22.2

Use group	B	C	D
Rated voltage	-	-	-

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
Power loss P_I max. 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	AC
Voltage type 2	DC
Fuse receptacle	pluggable
Fuse type	Cylindrical fuse; 10 x 38 mm

Connection data			
Clamping units	4	Connection 1	
Total number of potentials	2	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	2
		Wiring direction	Side-entry wiring

Physical data		
Width		35 mm / 1.378 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	127 g

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



Commercial data		
PU (SPU)		6 (1) pcs
Packaging type		Box
Country of origin		CN
GTIN		4055143101981
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 8.0		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 Confor- mity WAGO GmbH & Co. KG	-	-

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 811-320	

Documentation

Bid Text			
811-320	19.02.2019	xml 3.81 KB	
811-320	14.03.2017	doc 26.00 KB	



CAD/CAE-Data	
CAD data 2D/3D Models 811-320 ↓	CAE data EPLAN Data Portal 811-320 ↓
	WSCAD Universe 811-320 ↓
	ZUKEN Portal 811-320 ↓

1 Compatible Products

1.1 Optional Accessories

1.1.1 Ferrule

1.1.1.1 Ferrule

 Item No.: 216-209 Ferrule; Sleeve for 10 mm² / AWG 8; insulated; electro-tin plated; red	 Item No.: 216-109 Ferrule; Sleeve for 10 mm² / AWG 8; uninsulated; electro-tin plated	 Item No.: 216-208 Ferrule; Sleeve for 6 mm² / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow	 Item No.: 216-108 Ferrule; Sleeve for 6 mm² / AWG 10; uninsulated; electro-tin plated; silver-colored
 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
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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	



1.1.4 Marking

1.1.4.1 Label



Item No.: 210-805
Labels; for Smart Printer; permanent adhesive; 6 x 15 mm; 3000 pieces on roll; white



Item No.: 210-805/000-002
Labels; for Smart Printer; permanent adhesive; 6 x 15 mm; 3000 pieces on roll; yellow



Item No.: 210-806
Labels; for Smart Printer; permanent adhesive; 9 x 15 mm; 3000 pieces on roll; white



Item No.: 210-806/000-002
Labels; for Smart Printer; permanent adhesive; 9 x 15 mm; 3000 pieces on roll; yellow



Item No.: 210-705
Labels; for TP printers; permanent adhesive; 6 x 15 mm; 3000 pieces on roll; white



Item No.: 210-705/000-002
Labels; for TP printers; permanent adhesive; 6 x 15 mm; 3000 pieces on roll; yellow



Item No.: 210-706
Labels; for TP printers; permanent adhesive; 9 x 15 mm; 3000 pieces on roll; white



Item No.: 210-706/000-002
Labels; for TP printers; permanent adhesive; 9 x 15 mm; 3000 pieces on roll; yellow

1.1.4.2 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

1.1.4.3 Marker carrier



Item No.: [285-442](#)
Adaptor; gray

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

1.1.6 Test and measurement

1.1.6.1 Testing accessories



Item No.: [206-912](#)
WAGO Test Probes; 2 mm Ø; 1000 V; CAT
IV; 10 A

Installation Notes

Installation



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

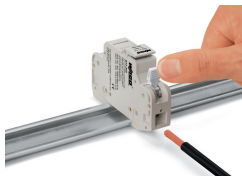


Removing a terminal block from the DIN-
rail.

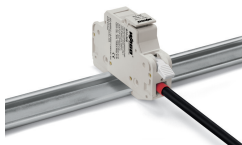
Conductor termination



Open and close lever via operating tool.

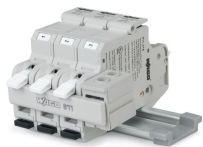


CAGE CLAMP® connection
Inserting a conductor.
Opening the clamping unit via integrated
lever.



Terminating ferruled conductors up to 10
mm² (8 AWG).

Commoning



Jumper bar for quick and convenient commoning



Inserting a fuse.

Marking



WMB marker slot for convenient identification



Marker carriers (285-442) for continuous marking strips