

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®; 16,00 mm²; light gray

www.wago.com/811-414



Picture differs from the item.

Color:



Data
Notes

Safety information	The fuse holder must not be opened under load.
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Electrical data

Ratings per IEC/EN

Ratings per	IEC/HD 60269-2
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.
Nominal voltage (III/3)	24 V
Rated current	30 A
Blown fuse indication	with blown fuse indication

Ratings per UL 1059

Approvals per	UL 4248-19
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Subject to changes. Please also observe the further product documentation!

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Rated voltage (UL)	24 V
Rated current (UL)	30 A

Ratings per CSA

Approvals per	CSA 22.2
Rated current (CSA)	30 A
Rated voltage (CSA)	24 V

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

Connection points	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 / 16 ... 6 AWG
Strip length	12 ... 13 mm / 0.47 ... 0.51 inches
Pole number	1
Wiring direction	Side-entry wiring

Subject to changes. Please also observe the further product documentation!



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	Polyamide (PA66)
Flammability class per UL94	V0
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 10.0	27-14-11-16
ETIM 8.0	EC002705
ETIM 8.0	EC002705
PU (SPU)	12 (1) pcs
Packaging type	box
GTIN	4050821508304
Customs tariff number	85369095000

Subject to changes. Please also observe the further product documentation!

Environmental Product Compliance

RoHS Compliance Status

Compliant, No Exemption

Approvals / Certificates

Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Optional accessories

Marking accessories

Marker carrier

	Item no.: 285-442 Adaptor; gray	www.wago.com/285-442
Label		
	Item no.: 210-705/000-002 Labels; for TP printers; permanent adhesive; 6 x 15 mm; yellow	www.wago.com/210-705/000-002
	Item no.: 210-706 Labels; for TP printers; permanent adhesive; 9 x 15 mm; white	www.wago.com/210-706
	Item no.: 210-706/000-002 Labels; for TP printers; permanent adhesive; 9 x 15 mm; yellow	www.wago.com/210-706/000-002
	Item no.: 210-705 Labels; for TP printers; permanent adhesive; 6 x 15 mm; white	www.wago.com/210-705
	Item no.: 210-805 Labels; for Smart Printer; permanent adhesive; 6 x 15 mm; white	www.wago.com/210-805
	Item no.: 210-805/000-002 Labels; for Smart Printer; permanent adhesive; 6 x 15 mm; yellow	www.wago.com/210-805/000-002

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**Item no.: 210-806/000-002**

Labels; for Smart Printer; permanent adhesive; 9 x 15 mm; yellow

www.wago.com/210-806/000-002**Item no.: 210-806**

Labels; for Smart Printer; permanent adhesive; 9 x 15 mm; white

www.wago.com/210-806**Marker****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

www.wago.com/2009-115/000-002**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

www.wago.com/2009-115/000-007**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

www.wago.com/2009-115/000-017**Item no.: 2009-115/000-023**

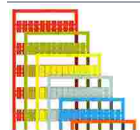
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green

www.wago.com/2009-115/000-023**Item no.: 2009-115/000-024**

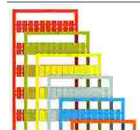
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet

www.wago.com/2009-115/000-024**Item no.: 2009-115**

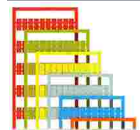
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

www.wago.com/2009-115**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

www.wago.com/793-5501/000-007**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

www.wago.com/793-5501/000-012**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

www.wago.com/793-5501/000-014**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

www.wago.com/793-5501/000-017

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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

www.wago.com/793-5501/000-023



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

www.wago.com/793-5501/000-024



Item no.: 793-501/000-002

WMB marking card; as card; not stretchable; plain; snap-on type; yellow

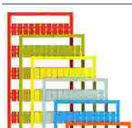
www.wago.com/793-501/000-002



Item no.: 793-501/000-007

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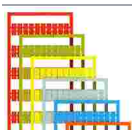
www.wago.com/793-501/000-007



Item no.: 793-501/000-017

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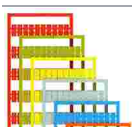
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Item no.: 793-501/000-012

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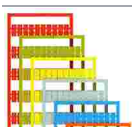
www.wago.com/793-501/000-012



Item no.: 793-501/000-023

WMB marking card; as card; not stretchable; plain; snap-on type; green

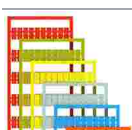
www.wago.com/793-501/000-023



Item no.: 793-501/000-006

WMB marking card; as card; not stretchable; plain; snap-on type; blue

www.wago.com/793-501/000-006



Item no.: 793-501/000-005

WMB marking card; as card; not stretchable; plain; snap-on type; red

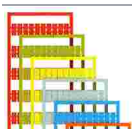
www.wago.com/793-501/000-005



Item no.: 793-501

WMB marking card; as card; not stretchable; plain; snap-on type; white

www.wago.com/793-501



Item no.: 793-501/000-024

WMB marking card; as card; not stretchable; plain; snap-on type; violet

www.wago.com/793-501/000-024

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**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

www.wago.com/793-5501/000-005**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

www.wago.com/793-5501/000-002**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

www.wago.com/793-5501/000-006**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

www.wago.com/793-5501**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

www.wago.com/2009-115/000-012**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

www.wago.com/2009-115/000-006**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

www.wago.com/2009-115/000-005**Jumpers**

Jumper

**Item no.: 811-479**

Jumper; 9-way; insulated; light gray

www.wago.com/811-479**Item no.: 811-481**

Jumper; 11-way; insulated; light gray

www.wago.com/811-481**Item no.: 811-480**

Jumper; 10-way; insulated; light gray

www.wago.com/811-480**Item no.: 811-474**

Jumper; 4-way; insulated; light gray

www.wago.com/811-474**Item no.: 811-476**

Jumper; 6-way; insulated; light gray

www.wago.com/811-476**Item no.: 811-478**

Jumper; 8-way; insulated; light gray

www.wago.com/811-478

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**Item no.: 811-477**

Jumper; 7-way; insulated; light gray

www.wago.com/811-477**Item no.: 811-475**

Jumper; 5-way; insulated; light gray

www.wago.com/811-475**Item no.: 811-472**

Jumper; 2-way; insulated; light gray

www.wago.com/811-472**Item no.: 811-473**

Jumper; 2-way; insulated; light gray

www.wago.com/811-473**Item no.: 811-482**

Jumper; 12-way; insulated; light gray

www.wago.com/811-482

Mounting

Locking system

**Item no.: 811-612**

Coupling kit; for 12 poles; red

www.wago.com/811-612

Testing and measuring

Testing accessories

**Item no.: 206-912**

WAGO Test Probes; 2 mm Ø; 1000 V; CAT IV; 10 A

www.wago.com/206-912

Supply module

Supply module

**Item no.: 811-471**Supply module; 35 mm²; for 811 Series Fuse Terminal Blocks; SCREW CLAMP CONNECTION; 35,00 mm²; light graywww.wago.com/811-471

Ferrule

Ferrule

**Item no.: 216-108**Ferrule; Sleeve for 6 mm² / AWG 10; uninsulated; electro-tin plated; silver-coloredwww.wago.com/216-108**Item no.: 216-109**Ferrule; Sleeve for 10 mm² / AWG 8; uninsulated; electro-tin platedwww.wago.com/216-109**Item no.: 216-206**Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; bluewww.wago.com/216-206**Item no.: 216-207**Ferrule; Sleeve for 4 mm² / AWG 12; insulated; electro-tin plated; graywww.wago.com/216-207**Item no.: 216-209**Ferrule; Sleeve for 10 mm² / AWG 8; insulated; electro-tin plated; redwww.wago.com/216-209**Item no.: 216-208**

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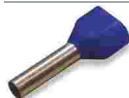


Ferrule; Sleeve for 6 mm² / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; www.wago.com/216-208
acc. to DIN 46228, Part 4/09.90; yellow

**Item no.: 216-547**

Twin ferrule only for 811 series; Sleeve for 2 x 6 mm / AWG 10; insulated; Nominal current 63 A; yellow

www.wago.com/216-547

**Item no.: 216-546**

Twin ferrule only for 811 series; Sleeve for 2 x 4 mm / AWG 12; insulated; Nominal current 63 A; gray

www.wago.com/216-546

**Item no.: 216-545**

Twin ferrule only for 811 series; Sleeve for 2 x 2.5 mm / AWG 14; insulated; Nominal current 63 A; blue

www.wago.com/216-545

Downloads**Documentation****Bid Text**

811-414 X81 - Datei	2019 年2月19 日	xml 3.6 kB	Download
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811-414 doc - Datei	2017 年3月14 日	doc 25.6 kB	Download
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Additional Information

Technical Section Technical explanations		pdf 2.2 MB	Download
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CAD/CAE-Data**CAE data**

EPLAN Data Portal 811-414	URL	Download
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ZUKEN Portal 811-414	URL	Download
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WSCAD Universe 811-414	URL	Download
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CAD data

2D/3D Models 811-414	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 811-414

URL

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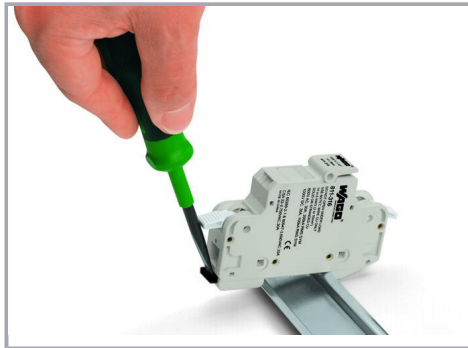
2-conductor fuse holder ; for Class CC cylindrical fuses; 1-pole; with blown fuse indication; 24 VDC; for DIN-rail 35 x 15 and 35 x 7.5; 16 mm²; CAGE CLAMP®; 16,00 mm²; light gray

Installation Notes

Installation



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

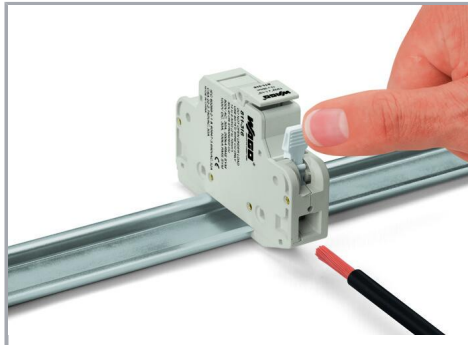


Removing a terminal block from the DIN-rail.

Conductor termination



Open and close lever via operating tool.



CAGE CLAMP® connection

Inserting a conductor.

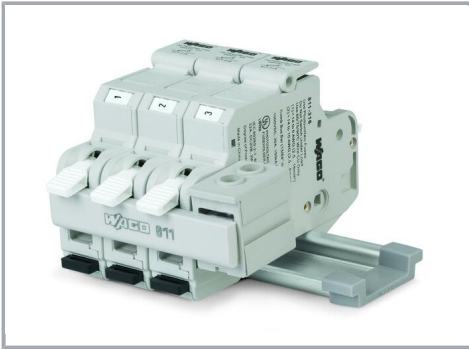
Opening the clamping unit via integrated lever.

Subject to changes. Please also observe the further product documentation!

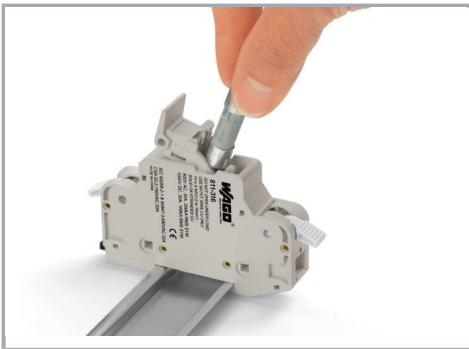


Terminating ferruled conductors up to 10 mm² (8 AWG).

Commoning



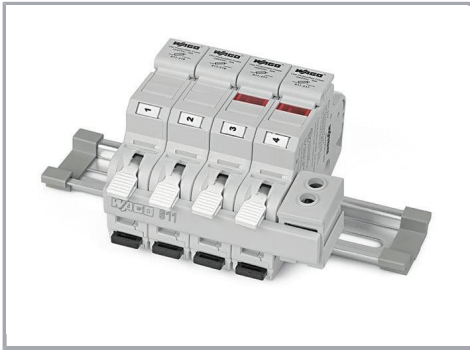
Jumper bar for quick and convenient commoning



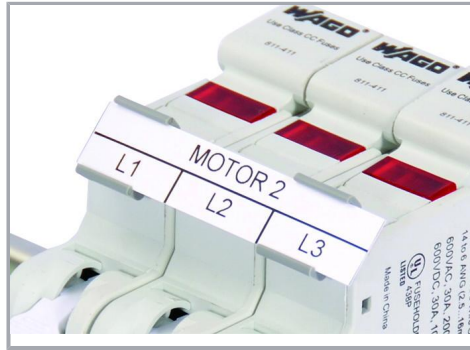
Inserting a fuse.

Marking

Subject to changes. Please also observe the further product documentation!



WMB marker slot for convenient identification



Marker carriers (285-442) for continuous marking strips

Subject to changes. Please also observe the further product documentation!

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