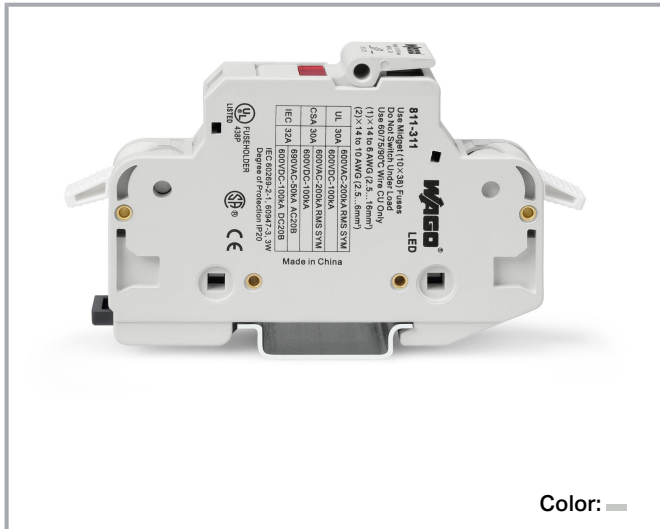


## Data sheet | Item number: 811-311

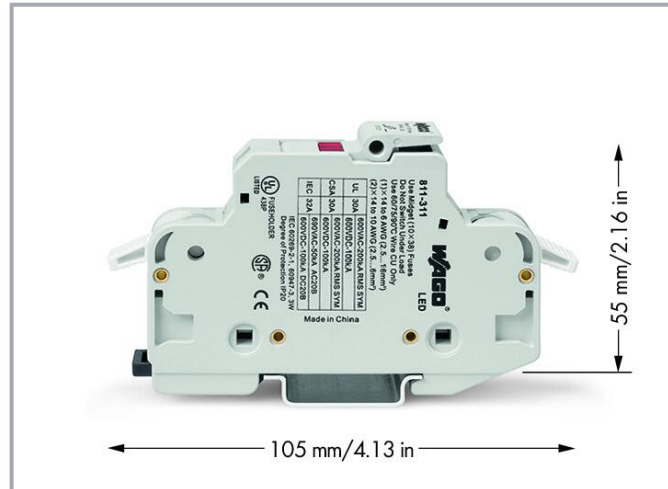
2-conductor fuse holder ; for cylindrical fuses 10 x 38 mm; 13/32" x 11/2"; 1-pole; with blown fuse indication; 600 VAC/VDC; for DIN-rail 35 x 15 and 35 x 7.5; 16 mm<sup>2</sup>; CAGE CLAMP®; 16,00 mm<sup>2</sup>; light gray



[www.wago.com/811-311](http://www.wago.com/811-311)



Color:



## Data Notes

Safety information

The fuse holder must not be opened under load.

## 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)	690 V
Rated current	32 A

### Ratings per IEC/EN 2

Rated voltage (III/3) 2	1000 V
-------------------------	--------

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

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### Ratings per UL 1059

Approvals per	UL 4248-1
Rated voltage (UL)	750 V
Rated current (UL)	30 A
Rated voltage (UL)	1,000 V

### Ratings per CSA

Approvals per	CSA 22.2
Rated current (CSA)	30 A
Rated voltage (CSA)	600 V
Rated voltage (CSA)	1,000 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

Voltage type 1	AC
Voltage type 2	DC
Fuse receptacle	pluggable
Fuse type	Cylindrical fuse; 10 x 38 mm

### Connection data

Connection points	2
Total number of potentials	1
Number of levels	1

### Connection 1

Connection technology	CAGE CLAMP®
-----------------------	-------------

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



Actuation type	Operating tool
Connectable conductor materials	Copper
Solid conductor	2.5 ... 16 mm <sup>2</sup> / 14 ... 6 AWG
Fine-stranded conductor	2.5 ... 16 mm <sup>2</sup> / 16 ... 6 AWG
Strip length	12 ... 13 mm / 0.47 ... 0.51 inches
Pole number	1
Wiring direction	Side-entry wiring

### 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 <a href="#">here</a>
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 9.0	27-14-11-16
ETIM 8.0	EC002705

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


ETIM 7.0	EC002705
PU (SPU)	12 (1) pcs
Packaging type	box
GTIN	4050821508090

## Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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## 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

### Ferrule

Ferrule		
	<b>Item no.: 216-108</b> Ferrule; Sleeve for 6 mm <sup>2</sup> / AWG 10; uninsulated; electro-tin plated; silver-colored	<a href="http://www.wago.com/216-108">www.wago.com/216-108</a>
	<b>Item no.: 216-109</b> Ferrule; Sleeve for 10 mm <sup>2</sup> / AWG 8; uninsulated; electro-tin plated	<a href="http://www.wago.com/216-109">www.wago.com/216-109</a>
	<b>Item no.: 216-206</b> Ferrule; Sleeve for 2.5 mm <sup>2</sup> / AWG 14; insulated; electro-tin plated; blue	<a href="http://www.wago.com/216-206">www.wago.com/216-206</a>
	<b>Item no.: 216-207</b> Ferrule; Sleeve for 4 mm <sup>2</sup> / AWG 12; insulated; electro-tin plated; gray	<a href="http://www.wago.com/216-207">www.wago.com/216-207</a>
	<b>Item no.: 216-209</b> Ferrule; Sleeve for 10 mm <sup>2</sup> / AWG 8; insulated; electro-tin plated; red	<a href="http://www.wago.com/216-209">www.wago.com/216-209</a>
	<b>Item no.: 216-208</b> Ferrule; Sleeve for 6 mm <sup>2</sup> / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow	<a href="http://www.wago.com/216-208">www.wago.com/216-208</a>
	<b>Item no.: 216-547</b> Twin ferrule only for 811 series; Sleeve for 2 x 6 mm / AWG 10; insulated; Nominal current 63 A; yellow	<a href="http://www.wago.com/216-547">www.wago.com/216-547</a>

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



**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](http://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](http://www.wago.com/216-545)

## Mounting

Locking system



**Item no.:** 811-612

Coupling kit; for 12 poles; red

[www.wago.com/811-612](http://www.wago.com/811-612)

## Marking accessories

Marker carrier



**Item no.:** 285-442

Adaptor; gray

[www.wago.com/285-442](http://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](http://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](http://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](http://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](http://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](http://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](http://www.wago.com/210-805/000-002)



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

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

[www.wago.com/210-806/000-002](http://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](http://www.wago.com/210-806)

Marker

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

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	<b>Item no.: 2009-115/000-002</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow	<a href="http://www.wago.com/2009-115/000-002">www.wago.com/2009-115/000-002</a>
	<b>Item no.: 2009-115/000-007</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray	<a href="http://www.wago.com/2009-115/000-007">www.wago.com/2009-115/000-007</a>
	<b>Item no.: 2009-115/000-017</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; light green	<a href="http://www.wago.com/2009-115/000-017">www.wago.com/2009-115/000-017</a>
	<b>Item no.: 2009-115/000-023</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green	<a href="http://www.wago.com/2009-115/000-023">www.wago.com/2009-115/000-023</a>
	<b>Item no.: 2009-115/000-024</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet	<a href="http://www.wago.com/2009-115/000-024">www.wago.com/2009-115/000-024</a>
	<b>Item no.: 2009-115</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white	<a href="http://www.wago.com/2009-115">www.wago.com/2009-115</a>
	<b>Item no.: 793-5501/000-007</b> WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; gray	<a href="http://www.wago.com/793-5501/000-007">www.wago.com/793-5501/000-007</a>
	<b>Item no.: 793-5501/000-012</b> WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; orange	<a href="http://www.wago.com/793-5501/000-012">www.wago.com/793-5501/000-012</a>
	<b>Item no.: 793-5501/000-014</b> WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; brown	<a href="http://www.wago.com/793-5501/000-014">www.wago.com/793-5501/000-014</a>
	<b>Item no.: 793-5501/000-017</b> WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; light green	<a href="http://www.wago.com/793-5501/000-017">www.wago.com/793-5501/000-017</a>
	<b>Item no.: 793-5501/000-023</b> WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; green	<a href="http://www.wago.com/793-5501/000-023">www.wago.com/793-5501/000-023</a>
	<b>Item no.: 793-5501/000-024</b> WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; violet	<a href="http://www.wago.com/793-5501/000-024">www.wago.com/793-5501/000-024</a>

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



**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](http://www.wago.com/793-501/000-002)



**Item no.: 793-501/000-007**  
WMB marking card; as card; not stretchable; plain; snap-on type; gray

[www.wago.com/793-501/000-007](http://www.wago.com/793-501/000-007)



**Item no.: 793-501/000-017**  
WMB marking card; as card; not stretchable; plain; snap-on type; light green

[www.wago.com/793-501/000-017](http://www.wago.com/793-501/000-017)



**Item no.: 793-501/000-012**  
WMB marking card; as card; not stretchable; plain; snap-on type; orange

[www.wago.com/793-501/000-012](http://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](http://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](http://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](http://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](http://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](http://www.wago.com/793-501/000-024)



**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](http://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](http://www.wago.com/793-5501/000-002)

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



**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](http://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](http://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](http://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](http://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](http://www.wago.com/2009-115/000-005)

## 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](http://www.wago.com/206-912)

## Supply module

### Supply module



**Item no.: 811-471**

Supply module; 35 mm<sup>2</sup>; for 811 Series Fuse Terminal Blocks; SCREW CLAMP CONNECTION; 35,00 mm<sup>2</sup>; light gray

[www.wago.com/811-471](http://www.wago.com/811-471)

## Jumpers

### Jumper



**Item no.: 811-479**

Jumper; 9-way; insulated; light gray

[www.wago.com/811-479](http://www.wago.com/811-479)



**Item no.: 811-481**

Jumper; 11-way; insulated; light gray

[www.wago.com/811-481](http://www.wago.com/811-481)



**Item no.: 811-480**

Jumper; 10-way; insulated; light gray

[www.wago.com/811-480](http://www.wago.com/811-480)



**Item no.: 811-474**

Jumper; 4-way; insulated; light gray

[www.wago.com/811-474](http://www.wago.com/811-474)



**Item no.: 811-476**

Jumper; 6-way; insulated; light gray

[www.wago.com/811-476](http://www.wago.com/811-476)

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

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**Item no.: 811-478**  
Jumper; 8-way; insulated; light gray

[www.wago.com/811-478](http://www.wago.com/811-478)



**Item no.: 811-477**  
Jumper; 7-way; insulated; light gray

[www.wago.com/811-477](http://www.wago.com/811-477)



**Item no.: 811-475**  
Jumper; 5-way; insulated; light gray

[www.wago.com/811-475](http://www.wago.com/811-475)



**Item no.: 811-472**  
Jumper; 2-way; insulated; light gray

[www.wago.com/811-472](http://www.wago.com/811-472)



**Item no.: 811-473**  
Jumper; 2-way; insulated; light gray

[www.wago.com/811-473](http://www.wago.com/811-473)



**Item no.: 811-482**  
Jumper; 12-way; insulated; light gray

[www.wago.com/811-482](http://www.wago.com/811-482)

## Downloads

### Documentation

#### Bid Text

811-311 X81 - Datei	2019 Feb 19	xml 4.0 kB	Download
811-311 doc - Datei	2017 Mar 14	doc 27.1 kB	Download

#### Additional Information

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

### CAE data

EPLAN Data Portal 811-311		URL	Download
WSCAD Universe 811-311		URL	Download
ZUKEN Portal 811-311		URL	Download

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

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## CAD data

2D/3D Models 811-311

[URL](#)

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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 811-311

[URL](#)

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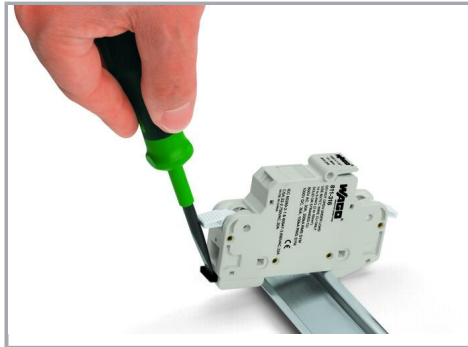
2-conductor fuse holder ; for cylindrical fuses 10 x 38 mm; 13/32" x 11/2"; 1-pole;  
with blown fuse indication; 600 VAC/VDC; for DIN-rail 35 x 15 and 35 x 7.5; 16 mm<sup>2</sup>;  
CAGE CLAMP®; 16,00 mm<sup>2</sup>; light gray

## 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

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

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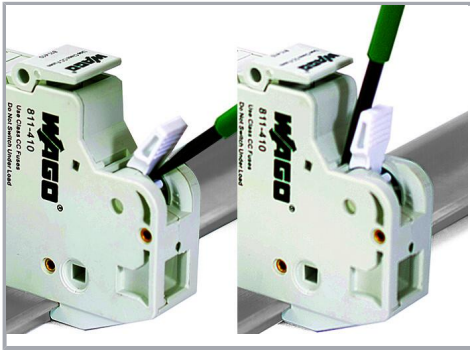
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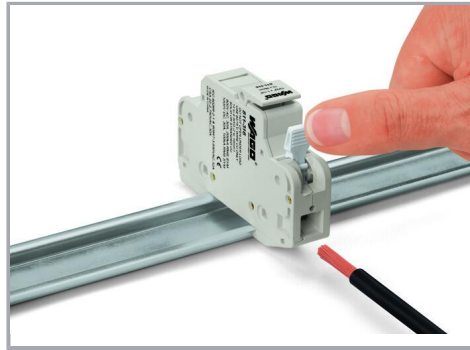
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Open and close lever via operating tool.



**CAGE CLAMP®** connection

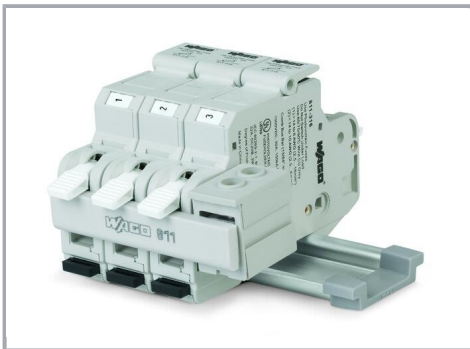
Inserting a conductor.

Opening the clamping unit via integrated lever.



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

### Commoning



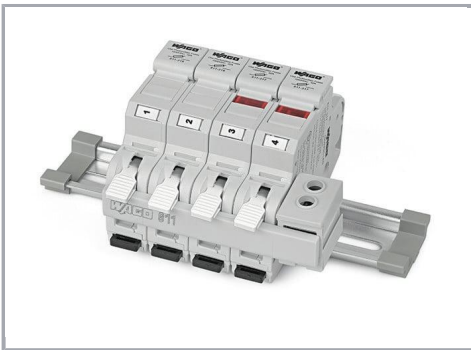
Jumper bar for quick and convenient  
commoning

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

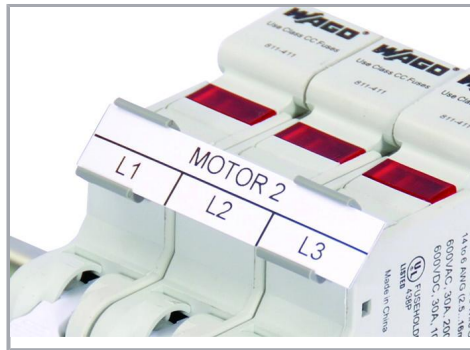


Inserting a fuse.

### Marking



WMB marker slot for convenient identification



Marker carriers (285-442) for continuous marking strips

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