

## Data sheet | Item number: 811-421

2-conductor fuse holder ; for Class CC cylindrical fuses; 2-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/811-421](http://www.wago.com/811-421)



### 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)	600 V
Rated current	30 A
Blown fuse indication	with blown fuse indication

##### Ratings per IEC/EN 2

Rated voltage (III/3) 2	600 V
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Subject to changes. Please also observe the further product documentation!

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## Ratings per UL

Approvals per	UL 4248-4
Rated voltage (UL)	750 V
Rated current (UL)	30 A
Rated voltage (UL 2)	1,000 V

## Ratings per CSA

Approvals per	CSA 22.2
Rated current (CSA)	30 A
Rated voltage (CSA)	600 V
Rated voltage CSA 2	600 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
Voltage type 2	DC
Fuse receptacle	pluggable
Fuse type	Cylindrical fuse; 10 x 38 mm; Class CC

## Connection data

Connection points	4
Total number of potentials	2
Number of levels	1

## Connection 1

Connection technology	CAGE CLAMP®
Actuation type	Operating tool

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



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	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	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
ETIM 7.0	EC002705

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PU (SPU)	6 (1) pcs
Packaging type	box
GTIN	4050821508281
Customs tariff number	85369095000

## 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




### Mounting

Locking system		
	Item no.: 811-612 Coupling kit; for 12 poles; red	<a href="http://www.wago.com/811-612">www.wago.com/811-612</a>

### Testing and measuring

Other		
	Item no.: 206-912 WAGO Test Probes; 2 mm Ø; 1000 V; CAT IV; 10 A	<a href="http://www.wago.com/206-912">www.wago.com/206-912</a>

### Jumpers

Jumper		
	Item no.: 811-479 Jumper; 9-way; insulated; light gray	<a href="http://www.wago.com/811-479">www.wago.com/811-479</a>
	Item no.: 811-481 Jumper; 11-way; insulated; light gray	<a href="http://www.wago.com/811-481">www.wago.com/811-481</a>
	Item no.: 811-480 Jumper; 10-way; insulated; light gray	<a href="http://www.wago.com/811-480">www.wago.com/811-480</a>

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



**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)



**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)

#### 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)

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



**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



**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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://www.wago.com/793-5501/000-012)

**Item no.: 793-5501/000-014**

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



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](http://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](http://www.wago.com/793-5501/000-017)



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



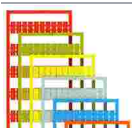
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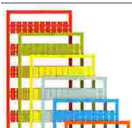
**Item no.: 793-501/000-017**  
WMB marking card; as card; not stretchable; plain; snap-on type; light green [www.wago.com/793-501/000-017](http://www.wago.com/793-501/000-017)



**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)

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



**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)



**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)

### 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)

### Ferrule

Ferrule

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



	<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>
	<b>Item no.: 216-545</b> Twin ferrule only for 811 series; Sleeve for 2 x 2.5 mm / AWG 14; insulated; Nominal current 63 A; blue	<a href="http://www.wago.com/216-545">www.wago.com/216-545</a>
Other		
	<b>Item no.: 216-546</b> Twin ferrule only for 811 series; Sleeve for 2 x 4 mm / AWG 12; insulated; Nominal current 63 A; gray	<a href="http://www.wago.com/216-546">www.wago.com/216-546</a>

## Downloads

### Documentation

#### Bid Text

811-421 X81 - Datei	Feb 19, 2019	xml 3.7 kB	Download
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811-421 doc - Datei	Mar 14, 2017	doc 25.6 kB	Download
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#### Additional Information

pdf 2.3 MB	Download
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Subject to changes. Please also observe the further product documentation!



## CAD/CAE-Data

### CAE data

EPLAN Data Portal 811-421	<a href="#">URL</a>	<a href="#">Download</a>
ZUKEN Portal 811-421	<a href="#">URL</a>	<a href="#">Download</a>
WSCAD Universe 811-421	<a href="#">URL</a>	<a href="#">Download</a>

### CAD data

2D/3D Models 811-421	<a href="#">URL</a>	<a href="#">Download</a>
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### Asset Administration Shell

Asset Administration Shell 811-421	<a href="#">URL</a>	<a href="#">Download</a>
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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 811-421	<a href="#">URL</a>	<a href="#">Download</a>
2-conductor fuse holder ; for Class CC cylindrical fuses; 2-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

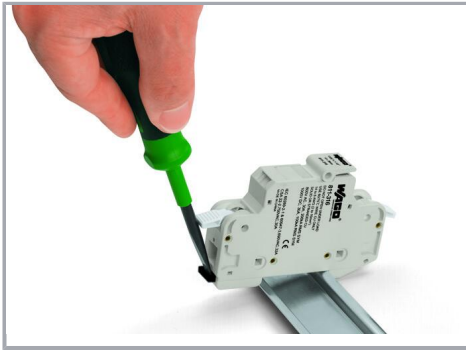
Subject to changes. Please also observe the further product documentation!

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We are always happy to take your call at +49 (571) 887-44222.



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

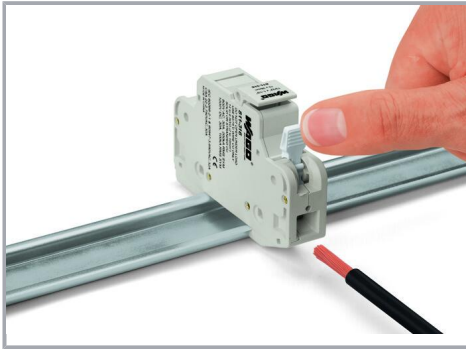


Removing a terminal block from the DIN-rail.

### Conductor termination



Open and close lever via operating tool.



### CAGE CLAMP® connection

Inserting a conductor.

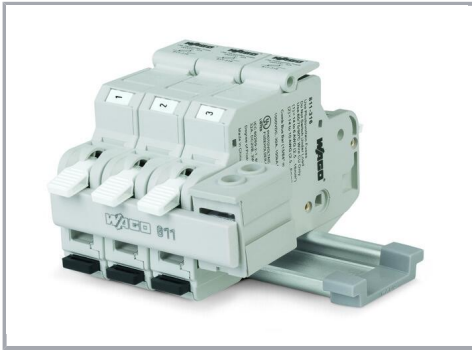
Opening the clamping unit via integrated lever.



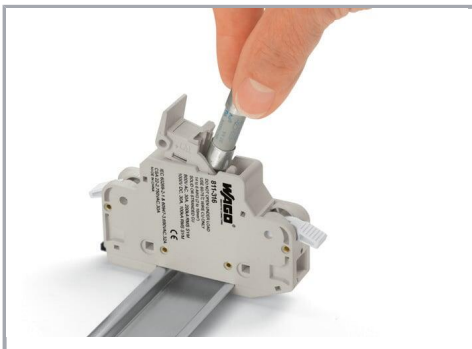
Terminating ferruled conductors up to 10 mm<sup>2</sup> (8 AWG).

### Commoning

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

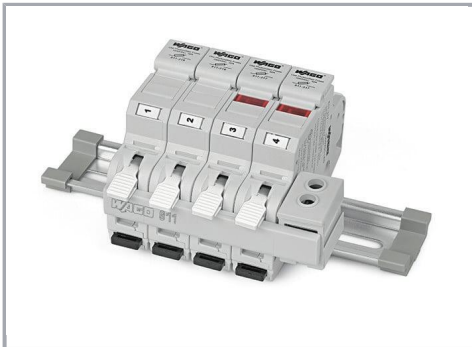


Jumper bar for quick and convenient commoning

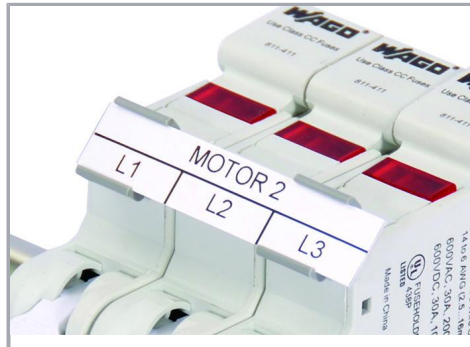


Inserting a fuse.

### Marking



WMB marker slot for convenient identification



Marker carriers (285-442) for continuous marking strips

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