

Data sheet | Item number: 811-420

2-conductor fuse holder ; for Class CC cylindrical fuses; 2-pole; without blown fuse indication; 600 VAC/VDC; for DIN-rail 35 x 15 and 35 x 7.5; 16 mm²; CAGE CLAMP®; 16,00 mm²; light gray

www.wago.com/811-420



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

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Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



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	without blown fuse indication

Ratings per IEC/EN 2

Rated voltage (III/3) 2	600 V
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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_1 max. overload and short-circuit protection (individual arrangement)	3 W
Power loss P_1 max. overload and short-circuit protection (group)	3 W

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



arrangement)

Power loss $P_{I \max}$ short-circuit protection (individual arrangement)	3 W
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Power loss $P_{I \max}$ short-circuit protection (group arrangement)	3 W
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General information

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

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

Connection technology	CAGE CLAMP®
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Actuation type	Operating tool
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Connectable conductor materials	Copper
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Solid conductor	2.5 ... 16 mm ² / 14 ... 6 AWG
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Fine-stranded conductor	2.5 ... 16 mm ² / 16 ... 6 AWG
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Strip length	12 ... 13 mm / 0.47 ... 0.51 inches
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Pole number	2
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Wiring direction	Side-entry wiring
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Physical data

Width	35 mm / 1.378 inches
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Height	105 mm / 4.134 inches
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Depth from upper-edge of DIN-rail	55 mm / 2.165 inches
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Mechanical Data

Mounting type	DIN-35 rail
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Mounting (note)	The fixed foot of the fuse terminal block must face upwards so that the fuse cannot fall out.
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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
PU (SPU)	6 (1) pcs
Packaging type	box
GTIN	4050821508175
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	-	-

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



Optional accessories

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
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

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

Ferrule

Ferrule		
Item no.: 216-108	Ferrule; Sleeve for 6 mm ² / AWG 10; uninsulated; electro-tin plated; silver-colored	www.wago.com/216-108
Item no.: 216-109	Ferrule; Sleeve for 10 mm ² / AWG 8; uninsulated; electro-tin plated	www.wago.com/216-109
Item no.: 216-206		

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



Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated; blue	www.wago.com/216-206
Item no.: 216-207 Ferrule; Sleeve for 4 mm ² / AWG 12; insulated; electro-tin plated; gray	www.wago.com/216-207
Item no.: 216-209 Ferrule; Sleeve for 10 mm ² / AWG 8; insulated; electro-tin plated; red	www.wago.com/216-209
Item no.: 216-208 Ferrule; Sleeve for 6 mm ² / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow	www.wago.com/216-208
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

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
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	www.wago.com/210-806

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



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

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
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

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



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

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

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

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

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

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



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

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 gray

www.wago.com/811-471

Mounting

Locking system

Item no.: 811-612

Coupling kit; for 12 poles; red

www.wago.com/811-612

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Documentation

Bid Text

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CAE data

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 811-420

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Installation Notes

Installation

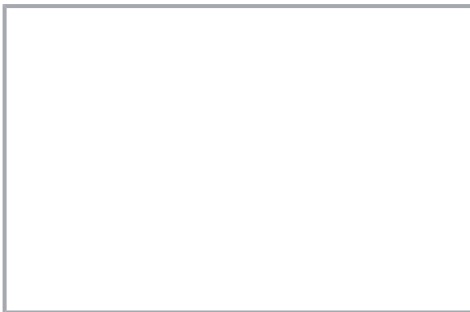


Creating a 2- or 3-pole fuse terminal block via coupling kit.



Removing a terminal block from the DIN-rail.

Conductor termination



Open and close lever via operating tool.



CAGE CLAMP® connection

Inserting a conductor.

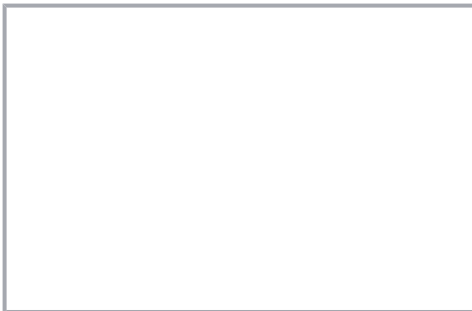
Opening the clamping unit via integrated lever.

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!