

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 mm²; CAGE CLAMP®; 16,00 mm²; light gray

<https://www.wago.com/811-421>



Color: ■ light gray

Similar to illustration



Similar to illustration

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

Electrical data				
Ratings per		IEC/HD 60269-2		
Overvoltage category		III	III	II
Pollution degree		3	2	2
Nominal voltage		600 V	-	-
Rated surge voltage		-	-	-
Rated current		30 A	-	-
Ratings per IEC/EN 2		600 V		
Rated voltage (III/3) 2				
Approvals per		UL 4248-4		
Use group		B	C	D
Rated voltage		-	-	-
Rated current		-	-	-
Approvals per		CSA 22.2		
Use group		B	C	D
Rated voltage		-	-	-
Rated current		-	-	-
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	<div>Connection 1</div> <table><tr><td>Connection technology</td><td>CAGE CLAMP®</td></tr><tr><td>Actuation type</td><td>Operating tool</td></tr><tr><td>Connectable conductor materials</td><td>Copper</td></tr><tr><td>Solid conductor</td><td>2.5 ... 16 mm² / 14 ... 6 AWG</td></tr><tr><td>Fine-stranded conductor</td><td>2.5 ... 16 mm² / 16 ... 6 AWG</td></tr><tr><td>Strip length</td><td>12 ... 13 mm / 0.47 ... 0.51 inches</td></tr><tr><td>Pole number</td><td>2</td></tr><tr><td>Wiring direction</td><td>Side-entry wiring</td></tr></table>	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	2	Wiring direction	Side-entry wiring
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	2																	
Wiring direction	Side-entry wiring																	
Total number of potentials	2																	
Number of levels	1																	
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																	
Fire load	0 MJ																	
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	4050821508281																	
Customs tariff number	85369095000																	



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 811-421

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Documentation				
Additional Information			Bid Text	
Technical Section	pdf 2240.62 KB	↓	811-421	xml 3.58 KB ↓
			19.02.2019	
			811-421	doc 25.00 KB ↓
			14.03.2017	

CAD/CAE-Data		
CAD data	CAE data	
2D/3D Models 811-421	EPLAN Data Portal 811-421	↓
	WSCAD Universe 811-421	↓
	ZUKEN Portal 811-421	↓

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.: 216-206 Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; blue	 Item No.: 216-207 Ferrule; Sleeve for 4 mm² / AWG 12; insulated; electro-tin plated; gray
 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 only for 811 series; Sleeve for 2 x 2.5 mm / AWG 14; insulated; Nominal current 63 A; blue	 Item No.: 216-546 Twin ferrule only for 811 series; Sleeve for 2 x 4 mm / AWG 12; insulated; Nominal current 63 A; gray
 Item No.: 216-547 Twin ferrule only for 811 series; Sleeve for 2 x 6 mm / AWG 10; insulated; Nominal current 63 A; 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; 2-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; white	 Item No.: 210-805/000-002 Labels; for Smart Printer; permanent adhesive; 6 x 15 mm; yellow	 Item No.: 210-806 Labels; for Smart Printer; permanent adhesive; 9 x 15 mm; white	 Item No.: 210-806/000-002 Labels; for Smart Printer; permanent adhesive; 9 x 15 mm; yellow
 Item No.: 210-705 Labels; for TP printers; permanent adhesive; 6 x 15 mm; white	 Item No.: 210-705/000-002 Labels; for TP printers; permanent adhesive; 6 x 15 mm; yellow	 Item No.: 210-706 Labels; for TP printers; permanent adhesive; 9 x 15 mm; white	 Item No.: 210-706/000-002 Labels; for TP printers; permanent adhesive; 9 x 15 mm; 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.

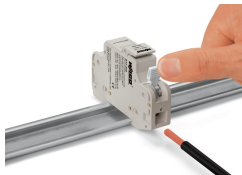


Removing a terminal block from the DIN-rail.

Conductor termination



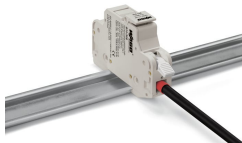
Open and close lever via operating tool.



CAGE CLAMP® connection

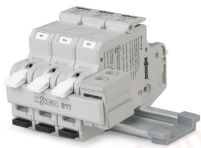
Inserting a conductor.

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