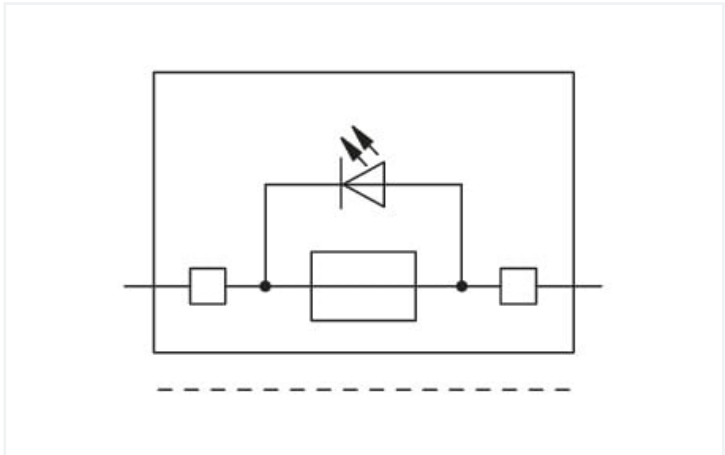


Data Sheet | Item Number: 280-852/281-413
Fuse plug; with soldered miniature fuse; with indicator lamp; LED (red); DC 15 - 30 V;
500 mA FF; 5 mm wide; gray
<https://www.wago.com/280-852/281-413>



Color: ■ gray

Similar to illustration



Similar to illustration
280-850/281-413

Electrical data

Ratings per IEC/EN	
Nominal voltage (III/3)	125 V
Rated current	5 A
Operation status indicator	15 ... 30 V

Ratings per IEC/EN – Notes	
Ratings (note)	Electrical ratings are given by the fuse and blown fuse indication.
Note (rated current)	Leakage current in case of a blown fuse: LED 5 ... 20 mA

General information

Voltage type 1	DC
Fuse type	Miniature fuse; 500 mA FF

Physical data

Width	5 mm / 0.197 inches
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Mechanical data

Marking level	without marking level
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Material data

Note (material data)	Information on material specifications can be found here
Color	gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.101 MJ
Weight	2.9 g



Environmental requirements	
Processing temperature	-35 ... +85 °C
Continuous operating temperature	-60 ... +105 °C

Commercial data	
Product Group	1 (Rail Mounted Terminal Blocks)
eCl@ss 10.0	27-14-11-49
eCl@ss 9.0	27-14-11-49
ETIM 8.0	EC002018
ETIM 7.0	EC002018
PU (SPU)	100 pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454362737
Customs tariff number	85366990990

Environmental Product Compliance	
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	7(c)-I

Approvals / Certificates

General approvals		Declarations of conformity and manufacturer's declarations
		
Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 60947	2160584.53
		EU-Declaration of Confor- mity WAGO GmbH & Co. KG
		UK-Declaration of Confor- mity WAGO GmbH & Co. KG

Approvals for marine applications

 		
Approval	Standard	Certificate Name
ABS American Bureau of Ship- ping	EN 60947	20-HG1941090-PDA
DNV GL Det Norske Veritas, Ger- manischer Lloyd	-	TAE00001V2



Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 280-852/281-413	↓

Documentation

Additional Information		
Technical Section	pdf 2246.92 KB	↓

Bid Text			
280-852/281-413	19.02.2019	xml 2.94 KB	↓
280-852/281-413	14.03.2017	doc 24.00 KB	↓

CAD/CAE-Data

CAD data	
2D/3D Models 280-852/281-413	↓

CAE data	
WSCAD Universe 280-852/281-413	↓

1 Compatible Products

1.1 Optional Accessories

1.1.1 Terminal blocks

1.1.1.1 Carrier terminal block for modules and plugs



Item No.: 280-616
2-conductor carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; CA-GE CLAMP®; 2,50 mm²; gray



Item No.: 280-916
2-conductor carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; CAGE CLAMP®; 2,50 mm²; gray



Item No.: 280-610
3-conductor carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; CAGE CLAMP®; 2,50 mm²; gray

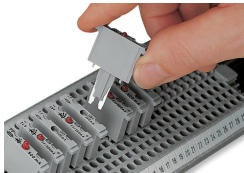


Item No.: 280-686
4-conductor carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; CA-GE CLAMP®; 2,50 mm²; gray

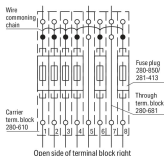


Item No.: 280-816
4-conductor carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; CA-GE CLAMP®; 2,50 mm²; gray

Installation Notes



- Using fuse plugs with rail-mount terminal blocks (280/281 and 769 Series) for control circuit protection is highly advantageous because the function and wiring levels are separated:
- No additional assembly and wiring costs
 - No risk of accidental contact with live parts when disconnecting the fuse plug
 - Quick plug replacement in case of a blown fuse
 - The fuse plug can be removed by service personnel
 - No unintentional reclosing of the circuit by another person
- Additional advantages:
- Terminal blocks/plugs provide ultra high-density wiring in a width of just 5 mm
 - Optional LED indicates blown fuse



Fuse protection of individual outputs; supply via wire commoning chain