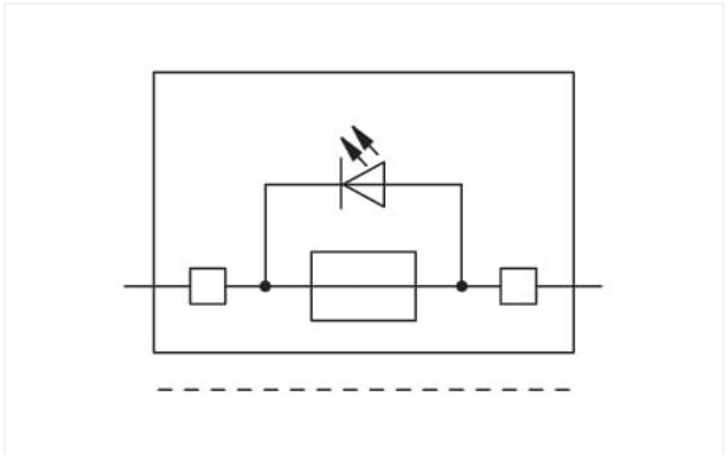




Color: ■ gray

Similar to illustration



Similar to illustration
280-850/281-413

Electrical data			
Ratings per IEC/EN		Ratings per IEC/EN – Notes	
Nominal voltage (III/3)	125 V	Ratings (note)	Electrical ratings are given by the fuse and blown fuse indication.
Rated current	5 A	Note (rated current)	Leakage current in case of a blown fuse: LED 5 ... 20 mA
Operation status indicator	30 ... 65 V		
General information			
Voltage type 1	DC		
Fuse type	Miniature fuse; 500 mA FF		
Physical data			
Width	5 mm / 0.197 inches		
Mechanical data			
Marking level	without marking level		
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	0.115 MJ		
Weight	2.8 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	4045454362744
Customs tariff number	85366990990

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

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280-852/281-414

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Documentation

Additional Information

Technical Sectionpdf
2246.92 KB

↓

CAD/CAE-Data

CAD data

2D/3D Models
280-852/281-414

↓

CAE data

WSCAD Universe
280-852/281-414

↓

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

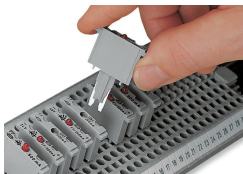


Item No.: 280-686
4-conductor carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; CA-GE CLAMP®; 2,50 mm²; gray



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

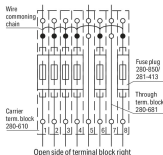


Using fuse plugs with rail-mount terminal blocks (280/281 and 769 Series) for control circuit protection is highly advantageous because the function and wiring levels are separated:

- 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