

Data sheet | Item number: 280-852/281-413

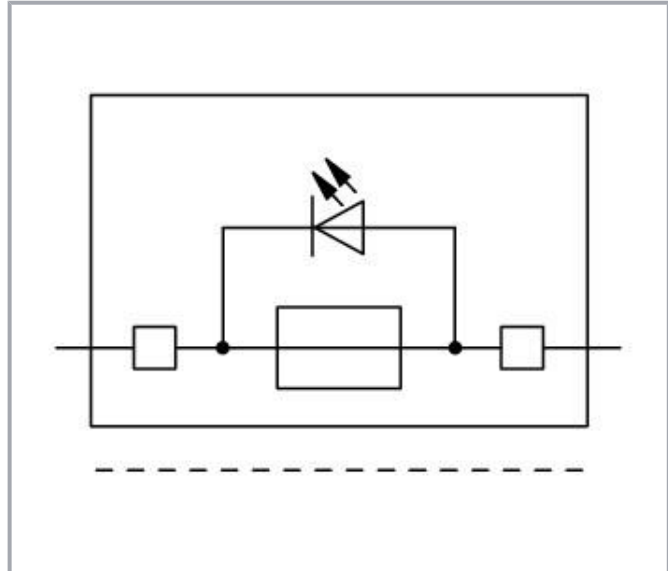
Fuse plug; with soldered miniature fuse; with indicator lamp; LED (red); DC 15 - 30 V; 500 mA FF; 5 mm wide; gray

www.wago.com/280-852/281-413



 Picture differs from the item.

Color: 



Data

Electrical data

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

WAGO GmbH & Co. KG
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32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
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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.



Ratings per IEC/EN

Nominal voltage (III/3)	125 V
Rated current	5 A
Operation status indicator	15 ... 30 V
Legend (ratings)	

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

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



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

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60947	2160584.53

Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
	UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Approvals for marine applications

Certificate

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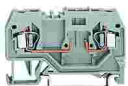
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Logo	Approval	Additional Approval Text	name
	ABS American Bureau of Shipping	EN 60947	20- HG1941090- PDA
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2

Optional accessories

Terminal blocks

Carrier terminal block for modules and plugs

	Item no.: 280-610 3-conductor carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm ² ; CAGE CLAMP®; 2,50 mm ² ; gray	www.wago.com/280-610
	Item no.: 280-916 2-conductor carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm ² ; CAGE CLAMP®; 2,50 mm ² ; gray	www.wago.com/280-916
	Item no.: 280-616 2-conductor carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm ² ; CAGE CLAMP®; 2,50 mm ² ; gray	www.wago.com/280-616
	Item no.: 280-686 4-conductor carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm ² ; CAGE CLAMP®; 2,50 mm ² ; gray	www.wago.com/280-686
	Item no.: 280-816 4-conductor carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm ² ; CAGE CLAMP®; 2,50 mm ² ; gray	www.wago.com/280-816

Downloads

Documentation

Bid Text

280-852/281-413 X81 - Datei	2019 Feb 19	xml 3.0 kB	Download
280-852/281-413 doc - Datei	2017 Mar 14	doc 24.6 kB	Download

Additional Information

pdf
2.3 MB
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CAD/CAE-Data

CAE data

WSCAD Universe 280-852/281-413	URL	Download
WSCAD Universe 280-852/281-413	URL	Download

CAD data

2D/3D Models 280-852/281-413	URL	Download
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Asset Administration Shell

Asset Administration Shell 280-852/281-413	URL	Download
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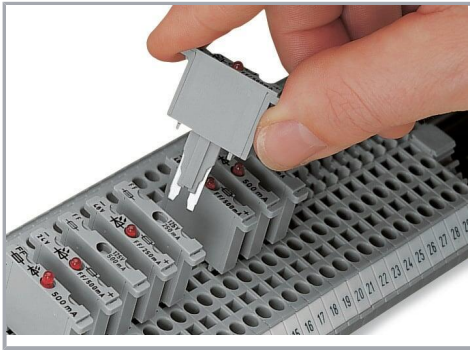
Environmental Product Compliance

Compliance Search

Environmental Product Compliance 280-852/281-413	URL	Download
Fuse plug; with soldered miniature fuse; with indicator lamp; LED (red); DC 15 - 30 V; 500 mA FF; 5 mm wide; gray		

Installation Notes

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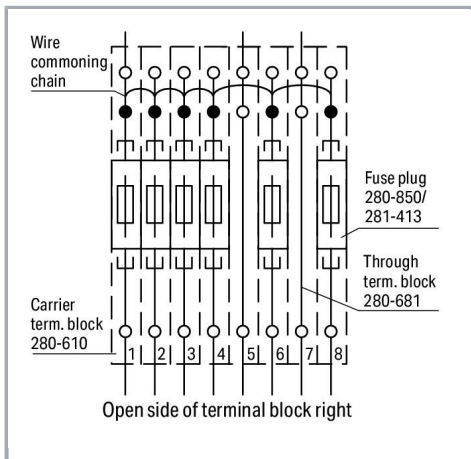
Using fuse plugs with rail-mount terminal blocks (280/281 and 769 Series) for control circuit protection is highly advantageous because the function and wiring levels are separated:

- 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

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



Fuse protection of individual outputs;
supply via wire commoning chain

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