

Data Sheet | Item Number: 280-856/281-415

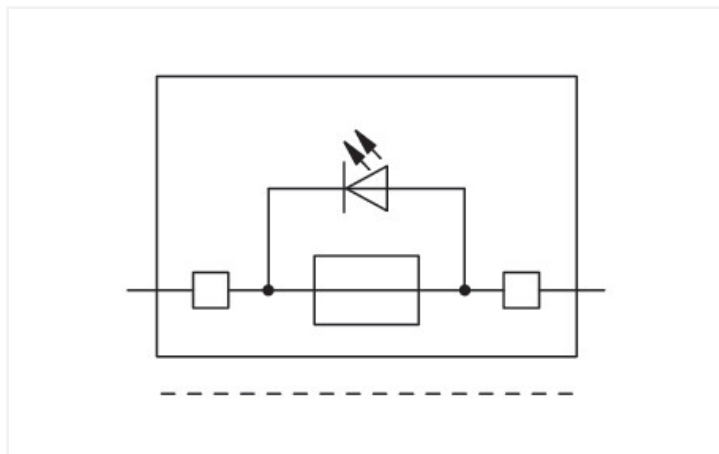
Fuse plug; with soldered miniature fuse; with indicator lamp; LED (red); AC 15 - 30 V;
2 A FF; 5 mm wide; gray

<https://www.wago.com/280-856/281-415>



Color: ■ gray

Similar to illustration



Similar to illustration

Fuse plug, 280 Series, gray

Our fuse plug (item number 280-856/281-415) ensures effortless electrical installations.

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.
Rated current (note)	Leakage current in case of a blown fuse: LED 5 ... 20 mA

General information

Voltage type 1	AC
Fuse type	Miniature fuse; 2 A 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 (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.069 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)
PU (SPU)	100 pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821864998
Customs tariff number	85369010000

Product Classification

UNSPSC	39121626
eCl@ss 10.0	27-14-11-49
eCl@ss 9.0	27-14-11-49
ETIM 9.0	EC002018
ETIM 10.0	EC002018
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

CAS-No.	7439-92-1 79-94-7
REACH Candidate List Substance	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol Lead
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	7(a)
SCIP notification number (Austria)	b914ce8d-056d-46f1-8e98-5ac1cb2c773d
SCIP notification number (Belgium)	dc5ed824-aaa9-41d0-9733-2d9280043578
SCIP notification number (Bulgaria)	91292fc2-cc4a-4867-b38f-af09e3871c35
SCIP notification number (Czech Republic)	b0d77751-b7bd-420c-8f06-8d46084f6ee3
SCIP notification number (Denmark)	d0b7d5d4-0359-42b1-9716-0cd5a54f4042
SCIP notification number (Finland)	af45968c-7d44-4663-bd40-762909b0f22e
SCIP notification number (France)	c3e409b3-2377-4a93-b3f4-a31d7b5100ee
SCIP notification number (Germany)	8498bc58-25cd-46cd-88f5-cb2742a98dda
SCIP notification number (Hungary)	4c94d887-5272-4b9f-9f19-93e5447139b7
SCIP notification number (Italy)	e6b306f2-e7d4-4267-ad10-099a8811ebd6
SCIP notification number (Netherlands)	8d7e469b-ef94-4f69-97c0-3d3c266fe433
SCIP notification number (Poland)	0519f90e-927b-4725-8521-a4b12ccf122b
SCIP notification number (Romania)	bd0b5a81-f73c-4b03-a4fe-0cd6f815955a
SCIP notification number (Sweden)	6dfa003e-23fc-430c-9b8a-09712795e44b

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Environmental Product Compliance

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280-856/281-415



CAD/CAE-Data

CAD data

2D/3D Models
280-856/281-415



CAE data

WSCAD Universe
280-856/281-415



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; CAGE 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; CAGE CLAMP®; 2,50 mm²; gray

**Item No.: 280-816**

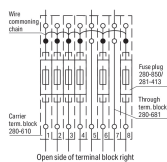
4-conductor carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; CAGE CLAMP®; 2,50 mm²; gray

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 commencing chain