

## Data Sheet | Item Number: 280-852/281-415

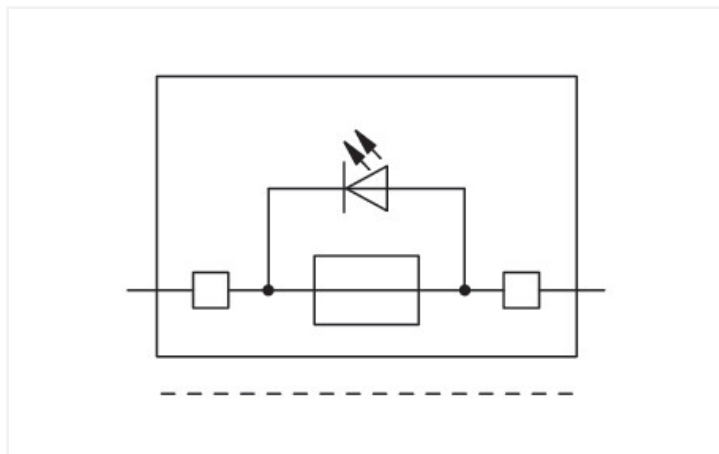
Fuse plug; with soldered miniature fuse; with indicator lamp; LED (red); AC 15 - 30 V;  
500 mA FF; 5 mm wide; gray

<https://www.wago.com/280-852/281-415>



Color: ■ gray

Similar to illustration



Similar to illustration

Fuse plug, 280 Series, gray

Our fuse plug (item number 280-852/281-415) is designed for seamless 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; 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)	<a href="#">Information on material specifications can be found here</a>
Color	gray
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.069 MJ
Weight	3 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	4050821514442
Customs tariff number	85366990990

### 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)	5a3ebcff-2721-452a-b29d-c4af4dbbb49b
SCIP notification number (Belgium)	d49f85f0-8e58-4037-831d-807a6cdbac99
SCIP notification number (Bulgaria)	49a17bbd-2ee8-415f-82ed-4e3351946496
SCIP notification number (Czech Republic)	6e562d20-348e-4911-919d-b8a8d98b0321
SCIP notification number (Denmark)	32d26432-5533-405f-8d11-9a59ae438368
SCIP notification number (Finland)	df845766-f018-4b1a-918a-1ea2f89af417
SCIP notification number (France)	72d6bd0d-529d-4042-a17f-c7fbad2fb053
SCIP notification number (Germany)	b4dff665-21b1-4227-901f-e1d72b2b1d90
SCIP notification number (Hungary)	780be5ed-163e-4829-8f71-4379436565a6
SCIP notification number (Italy)	de4c5267-47c1-45cd-a92a-ed7efa413f2e
SCIP notification number (Netherlands)	9121e3da-4279-48c3-a75d-971d4c9d2b05
SCIP notification number (Poland)	13029155-e55c-4a8e-ade1-e97d3cec1d95
SCIP notification number (Romania)	aed56497-8d3f-44a6-911d-825c9bbc21c4
SCIP notification number (Sweden)	a0ab212f-8762-47e6-8a56-f4726bf65579

## Downloads

## Environmental Product Compliance

## Compliance Search

Environmental Product  
Compliance  
280-852/281-415



## CAD/CAE-Data

## CAD data

2D/3D Models  
280-852/281-415



## CAE data

WSCAD Universe  
280-852/281-415



## 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 mm<sup>2</sup>; CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray

**Item No.: 280-916**

2-conductor carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm<sup>2</sup>; CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray

**Item No.: 280-610**

3-conductor carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm<sup>2</sup>; CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray

**Item No.: 280-686**

4-conductor carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm<sup>2</sup>; CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray

**Item No.: 280-816**

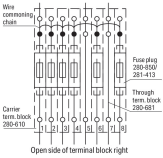
4-conductor carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm<sup>2</sup>; CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray

## 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