

Data Sheet | Item Number: 280-852/281-414

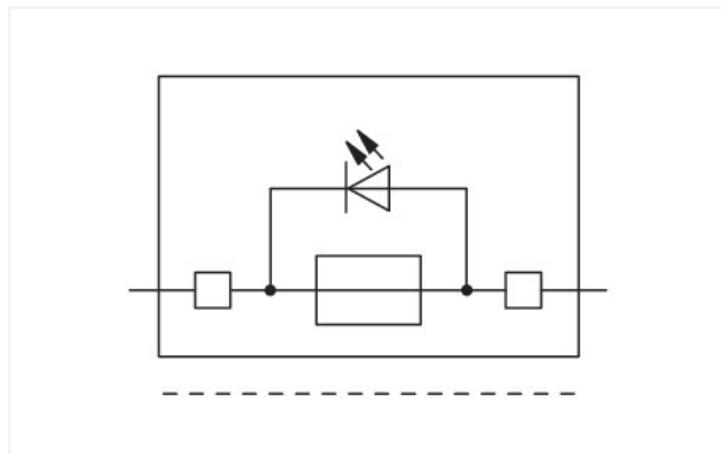
Fuse plug; with soldered miniature fuse; with indicator lamp; LED (red); DC 30 - 65 V;
500 mA FF; 5 mm wide; gray

<https://www.wago.com/280-852/281-414>



Color: ■ gray

Similar to illustration



Similar to illustration

Fuse plug, 280 Series, gray

Enjoy effortless electrical installations with this fuse plug (item number 280-852/281-414).

Electrical data

Ratings per IEC/EN

| | |
|----------------------------|-------------|
| Nominal voltage (III/3) | 125 V |
| Rated current | 5 A |
| Operation status indicator | 30 ... 65 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 | 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 (main housing) | Polyamide (PA66) |
| Flammability class per UL94 | V0 |
| Fire load | 0.068 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) |
| PU (SPU) | 100 pcs |
| Packaging type | Box |
| Country of origin | DE |
| GTIN | 4045454362744 |
| 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

| | |
|------------------------|-------------------------|
| RoHS Compliance Status | Compliant, No Exemption |
|------------------------|-------------------------|

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product
Compliance
280-852/281-414



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; 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**

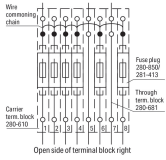
4-conductor carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; CAGE CLAMP®; 2,50 mm²; gray

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