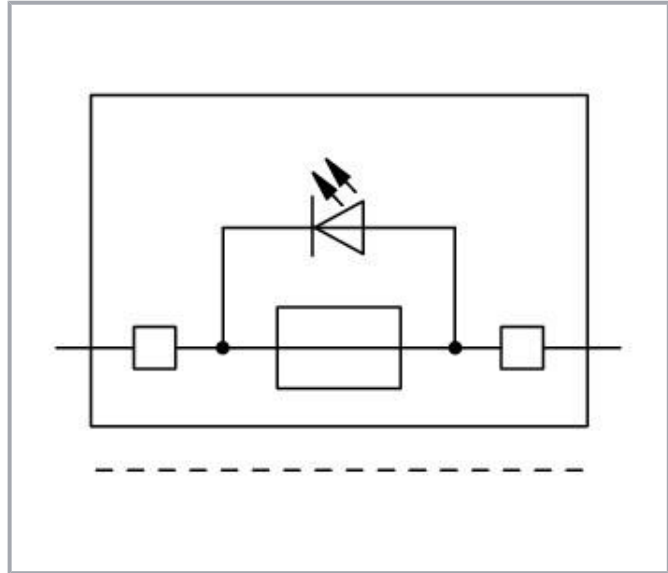
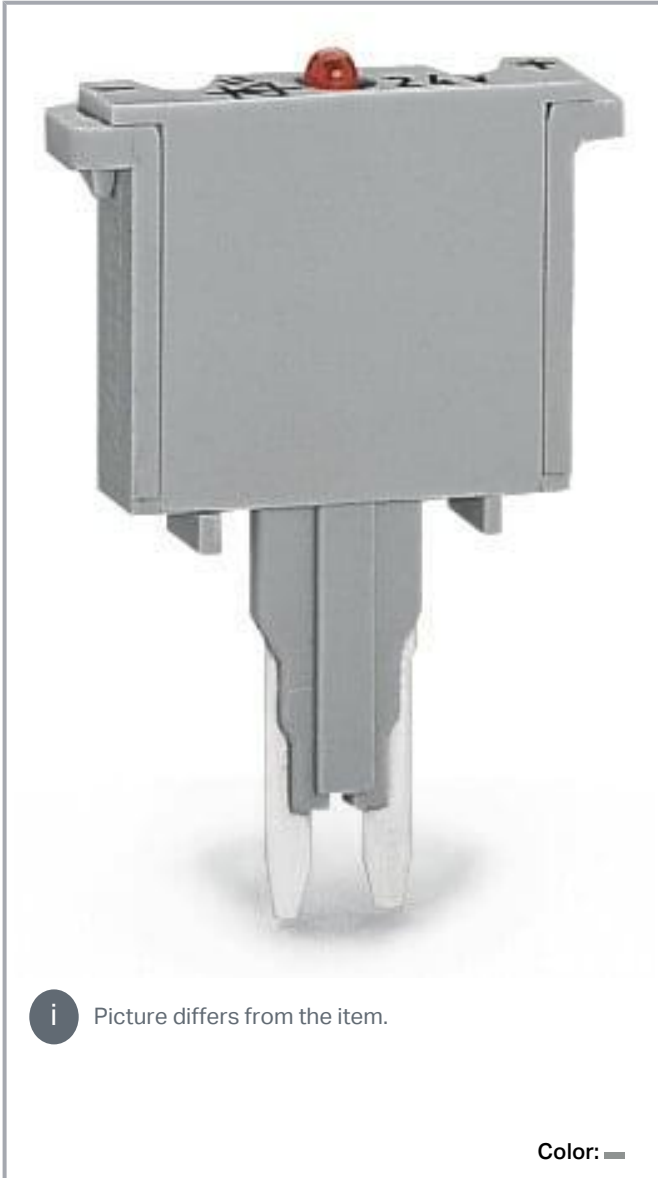


Data sheet | Item number: 280-852/281-415

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



[www.wago.com/280-852/281-415](http://www.wago.com/280-852/281-415)



## Data

### Electrical data

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

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### 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	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)	Information on material specifications can be found here
Color	gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.116 MJ
Weight	3 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	4050821514442
Customs tariff number	85366990990

## 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) 7(c)-I
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

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

[www.wago.com/280-610](http://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<sup>2</sup>; CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray

[www.wago.com/280-916](http://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<sup>2</sup>; CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray

[www.wago.com/280-616](http://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<sup>2</sup>; CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray

[www.wago.com/280-686](http://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<sup>2</sup>; CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray

[www.wago.com/280-816](http://www.wago.com/280-816)

## Downloads

### Documentation

#### Additional Information

pdf  
2.3 MB  
[Download](#)

## CAD/CAE-Data

### CAE data

WSCAD Universe 280-852/281-415

[URL](#) [Download](#)

WSCAD Universe 280-852/281-415

[URL](#) [Download](#)

### CAD data

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

[URL](#) [Download](#)

### Asset Administration Shell

Asset Administration Shell 280-852/281-415

[URL](#) [Download](#)

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

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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 280-852/281-415

URL

Download

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

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## Installation Notes

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

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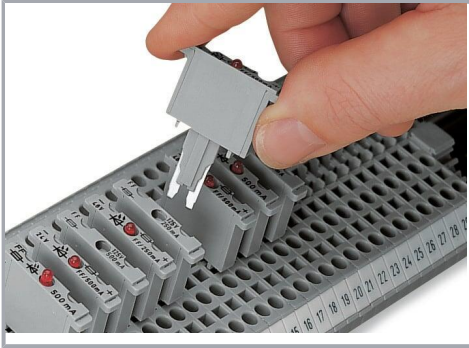
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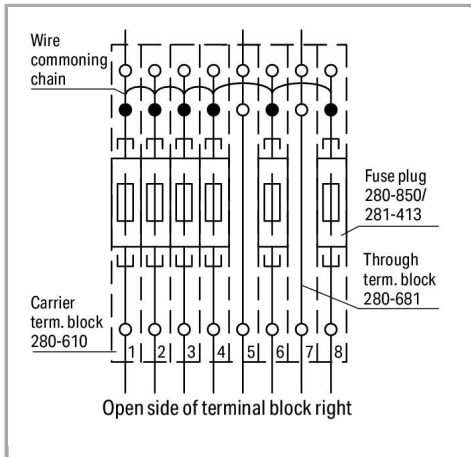
Using fuse plugs with rail-mount terminal blocks (280/281 and 769 Series) for control circuit protection is highly advantageous because the function and wiring levels are separated:

- 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!

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