

Data Sheet | Item Number: 280-801/281-414

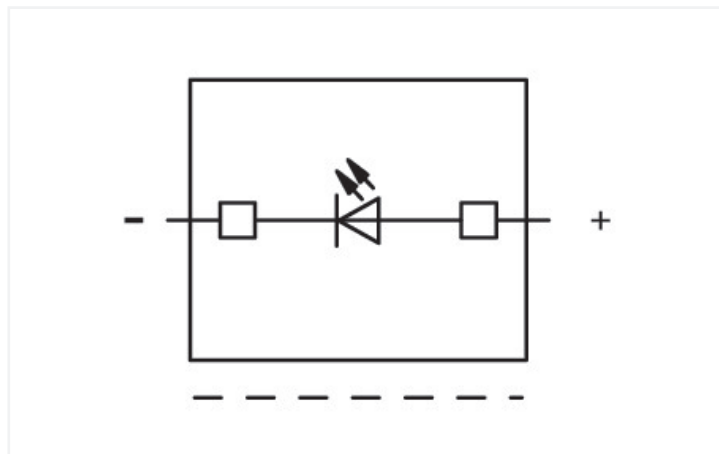
Component plug; for carrier terminal blocks; 2-pole; LED (red); 48 VDC; 5 mm wide; gray

<https://www.wago.com/280-801/281-414>



Color: ■ gray

Similar to illustration



Electrical data

Ratings per IEC/EN

Operation status indicator	48 VDC
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Physical data

Width	5 mm / 0.197 inches
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Material data

Note (material data)

[Information on material specifications can be found here](https://www.wago.com/us/material-specifications)

Color	gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.115 MJ
Weight	2.7 g

Environmental requirements

Processing temperature	-35 ... +85 °C
Continuous operating temperature	-60 ... +105 °C

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	4050821864905
Customs tariff number	85369010000

Environmental Product Compliance	
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	7(c)-I

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 280-801/281-414	↓

Documentation

Additional Information		
Technical Section	pdf 2240.62 KB	↓

Bid Text				
280-801/281-414	19.02.2019	xml 2.68 KB	↓	
280-801/281-414	27.04.2017	doc 23.50 KB	↓	

CAD/CAE-Data

CAD data	
2D/3D Models 280-801/281-414	↓

CAE data	
WSCAD Universe 280-801/281-414	↓
ZUKEN Portal 280-801/281-414	↓

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

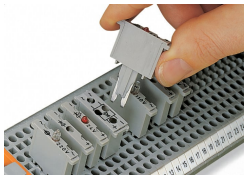


Item No.: 280-816

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

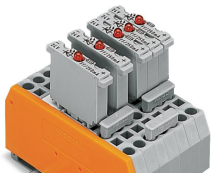
Installation



The monitoring of control and operating current circuits with LED modules on rail-mount terminal blocks provides several advantages:

- No additional assembly and wiring costs
 - Separation into functional and wiring levels
 - Modules can be replaced quickly by other types of modules
- Additional advantages:
- Polarized switching direction
 - Terminal blocks/modules provide high-density wiring in a width of just 5 mm

Commoning



Carrier terminal blocks with component plugs, alternate comb-style jumper bars, 3-way comb-style jumper bar