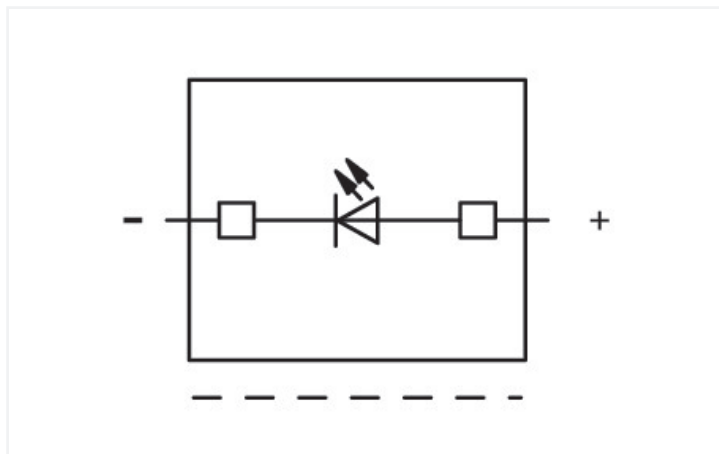


# Data Sheet | Item Number: 280-801/281-414

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

Component module with LED, 280 Series, gray

Our component module with LED (item number 280-801/281-414) simplifies electrical installations.

## Electrical data

### Ratings per IEC/EN

Operation status indicator 48 VDC

### General information

Number/type of diode/LED Red LED

## Physical data

Width 5 mm / 0.197 inches

## 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 2.7 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	4050821864905
Customs tariff number	85369010000

**Product Classification**

UNSPSC	39121409
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
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**Downloads**




**Environmental Product Compliance**

<b>Compliance Search</b>			
Environmental Product Compliance	280-801/281-414		<a href="#">↓</a>

**Documentation**

<b>Bid Text</b>			
280-801/281-414	19.02.2019	xml 2.68 KB	<a href="#">↓</a>
280-801/281-414	27.04.2017	doc 23.50 KB	<a href="#">↓</a>

## CAD/CAE-Data

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

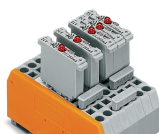
### Installation



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