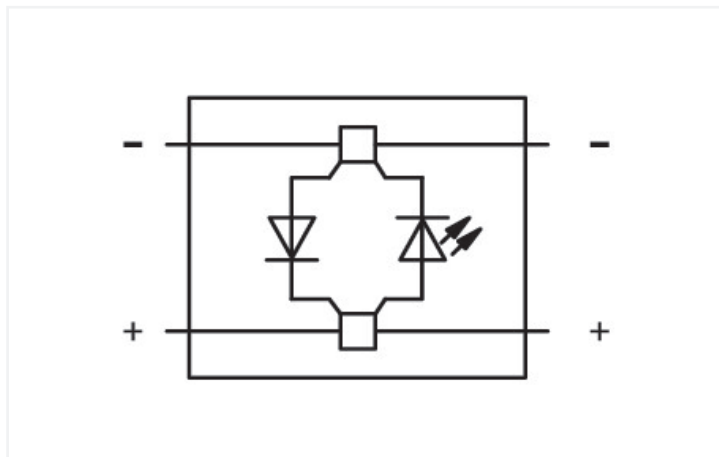


# Data Sheet | Item Number: 280-803/281-420

Component plug; 2-pole; with rectifier diode and LED; 10 mm wide; gray

<https://www.wago.com/280-803/281-420>



Color: ■ gray

Similar to illustration

Component module with diode, 280 Series, gray

Convenient electrical installations are guaranteed with this component module with diode (item number 280-803/281-420). The component module with diode also functions as a component module with LED.

## Electrical data

### Ratings per IEC/EN

Rated current	0.5 A
Operation status indicator	24 V

### General information

Voltage type 1	DC
Nominal voltage	250 V
Reverse voltage	1000 V
Number/type of diode/LED	with 1N4007 recovery diode

## Connection Data

### Connection 1

Actuation type	Operating tool
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## Physical data

Width	10 mm / 0.394 inches
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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	0.089 MJ
Weight	4.6 g

### Environmental requirements

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

### Commercial data

PU (SPU)	50 pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821864974
Customs tariff number	85366990990

### Product Classification

UNSPSC	39121402
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)	539b7db5-8ee6-4b5b-8d73-19e730868a97
SCIP notification number (Belgium)	f35dab4b-12bc-4178-bb28-bdfe909fbe51
SCIP notification number (Bulgaria)	35f47cef-3092-4942-b045-12b558883342
SCIP notification number (Czech Republic)	6d960b11-1074-4040-89f9-60833da6e9e3
SCIP notification number (Denmark)	5ec67a1a-1ab6-4b62-a7c0-9e39bf6e1edd
SCIP notification number (Finland)	f5243053-d814-4e60-9aa9-f75be388e26d
SCIP notification number (France)	57905e65-99f7-471a-ac85-00facfd2071f
SCIP notification number (Germany)	b490024a-77cb-4c16-9b79-c7d0910d3ad6
SCIP notification number (Hungary)	9d5c1061-40b2-47f8-8a86-09243d5efbcf
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SCIP notification number (Netherlands)	aef0744c-dfdb-49f1-88c9-9618dc15a1d3
SCIP notification number (Poland)	1645c72c-6ca1-41b6-a947-03997c2d01d6
SCIP notification number (Romania)	3241881a-3d37-4db0-bce2-c52bd6efd688
SCIP notification number (Sweden)	cb7ee13e-a4ff-4ee2-9356-5456a26c2b06

Downloads

Environmental Product Compliance

Compliance Search

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280-803/281-420



Documentation

Bid Text

280-803/281-420	19.02.2019	xml 2.81 KB	
280-803/281-420	27.04.2017	doc 23.50 KB	

CAD/CAE-Data

CAD data

2D/3D Models  
280-803/281-420



CAE data

WSCAD Universe  
280-803/281-420



ZUKEN Portal  
280-803/281-420



1 Compatible Products

1.1 Optional Accessories

1.1.1 Terminal blocks

1.1.1.1 Through terminal block



**Item No.: 280-901**

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



**Item No.: 280-101**

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



**Item No.: 280-601**

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



**Item No.: 280-681**

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



**Item No.: 280-633**

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



**Item No.: 280-833**

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



**Item No.: 280-603**

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

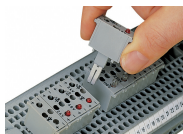


**Item No.: 280-621**

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

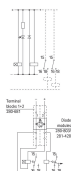
## Installation Notes

### Installation



Similar to push-in type jumpers, these diode modules are simply pushed into the current bar's contact slots of two adjacent through terminal blocks, providing the following advantages:

- Compatibility with all 280 Series Through Terminal Blocks
- Easy retrofits for existing systems
- Separation into functional and wiring levels
- Fast replacement of other functional units



Free-wheeling diode and voltage check