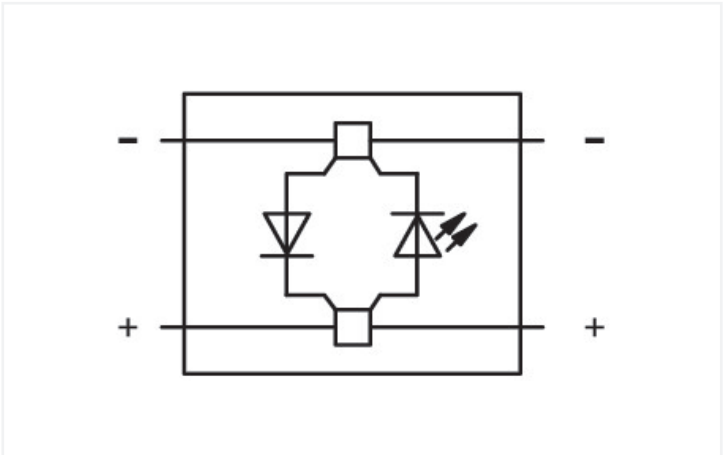




Color: ■ gray

Similar to illustration



Component module with diode, 280 Series, gray

Easy 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. The gray housing is made of polyamide (PA66) for insulation.

Electrical data

Ratings per IEC/EN		General information	
Rated current	0.5 A	Voltage type 1	DC
Operation status indicator	24 V	Nominal voltage	250 V
		Reverse voltage	1000 V

Connection data

Connection 1	
Actuation type	Operating tool

Physical data

Width	10 mm / 0.394 inches
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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	0.088 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 8.0	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) 7(c)-I 7(c)-II
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
SCIP notification number (Italy)	eadffead-be55-46d5-9933-d2ede1dc0fc9
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			
Environmental Product Compliance			↓
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 mm²; center marking; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 2,50 mm²; gray



Item No.: 280-101
2-conductor through terminal block; 2.5 mm²; lateral marker slots; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 2,50 mm²; gray



Item No.: 280-601
2-conductor through terminal block; 2.5 mm²; lateral marker slots; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 2,50 mm²; gray



Item No.: 280-681
3-conductor through terminal block; 2.5 mm²; center marking; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 2,50 mm²; gray



Item No.: 280-633
4-conductor through terminal block; 2.5 mm²; center marking; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 2,50 mm²; gray



Item No.: 280-833
4-conductor through terminal block; 2.5 mm²; center marking; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 2,50 mm²; gray



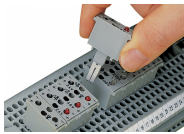
Item No.: 280-603
4-conductor through terminal block; 2.5 mm²; center marking; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 2,50 mm²; orange



Item No.: 280-621
4-conductor through terminal block; 2.5 mm²; lateral marker slots; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 2,50 mm²; gray

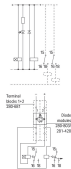
Installation Notes

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