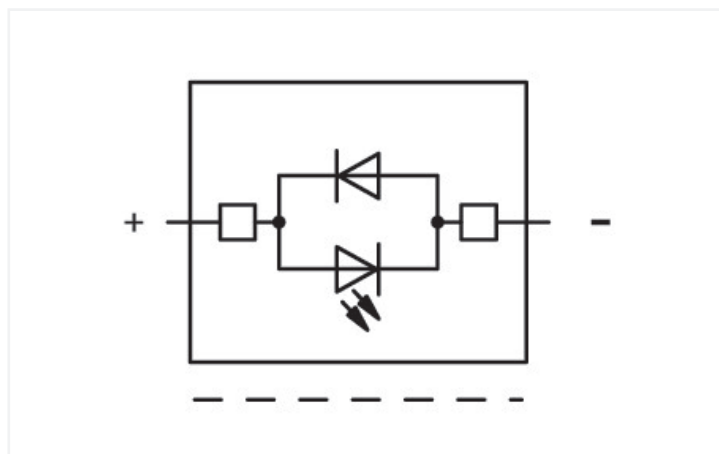


<https://www.wago.com/280-801/281-421>



Similar to illustration



This component module with diode (item number 280-801/281-421) simplifies electrical installations. The component module with diode also functions as a component module with LED. The gray housing is made of polyamide (PA66) for insulation.

Ratings per IEC/EN

Rated current	0.5 A	Nominal voltage	250 V
Operation status indicator	48 VDC	Reverse voltage	1000 V

Width 5 mm / 0.197 inches

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	0.082 MJ
Weight	2.7 g

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	4050821385851
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)	5a38249b-9e38-4322-8d6f-e021e45b685c
SCIP notification number (Belgium)	142a016b-cf6f-4ef6-85b3-c4f69121e4f8
SCIP notification number (Bulgaria)	7003839d-31f1-420f-a1cf-5bdd9ba3ced
SCIP notification number (Czech Republic)	e7634e83-0788-46b5-9ec4-f8c26721b8fc
SCIP notification number (Denmark)	cf02d7ad-f11e-4067-99c7-98bc23ea270d
SCIP notification number (Finland)	53a08aa7-dd13-4920-a645-5779e7836d3a
SCIP notification number (France)	c82d13ab-eeb1-465a-88f4-1734dea32f4d
SCIP notification number (Germany)	d9518015-6ffa-48ab-968f-99afdd4aa484
SCIP notification number (Hungary)	4b07e662-94f6-4c56-81ab-b2cc08567664
SCIP notification number (Italy)	bbb0b3af-28d2-4705-b447-55a5202fb117
SCIP notification number (Netherlands)	a1016dd3-00f4-472b-9493-da7f71441e54
SCIP notification number (Poland)	b22900a5-7038-4850-b293-e5e65b2f1558
SCIP notification number (Romania)	7eeb1d2f-c304-4026-a319-e8a368232106
SCIP notification number (Sweden)	21cac156-bbda-4711-a9f5-c948ebb8033e

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Environmental Product Compliance

Compliance Search

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280-801/281-421

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Documentation

Bid Text			
280-801/281-421	19.02.2019	xml 2.80 KB	↓
280-801/281-421	27.04.2017	doc 23.00 KB	↓

CAD/CAE-Data

CAD data		CAE data	
2D/3D Models 280-801/281-421	↓	WSCAD Universe 280-801/281-421	↓
		ZUKEN Portal 280-801/281-421	↓

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

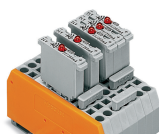
Installation



These diode modules are ideal for custom diode circuits (e.g., lamp test and collective fault signal circuits) and offer the following advantages:

- Separation into functional and wiring levels
- Polarized switching direction
- Quick and easy module replacement
- 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