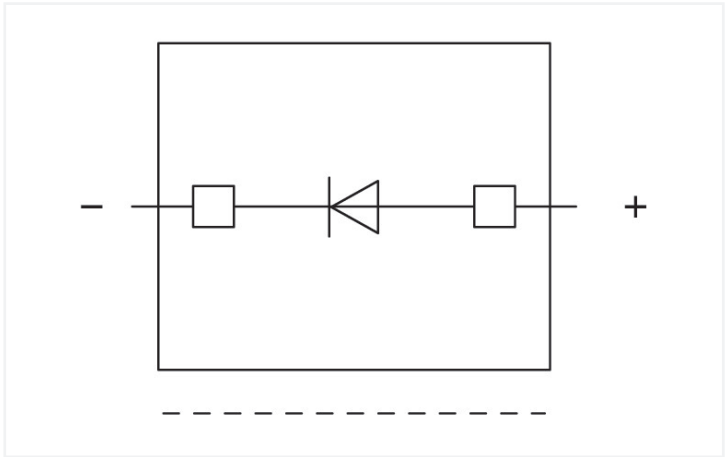


Data Sheet | Item Number: 280-801/281-411
Component plug; for carrier terminal blocks; 2-pole; with diode 1N4007; 5 mm wide;
gray
<https://www.wago.com/280-801/281-411>



Color: ■ gray

Component module with diode, 280 Series, gray

This component module with diode (item number 280-801/281-411) simplifies electrical installations. The gray housing is made of polyamide (PA66) for insulation.

Electrical data			
Ratings per IEC/EN		General information	
Rated current	0.5 A	Nominal voltage	250 V
Operation status indicator	None	Reverse voltage	1000 V

Connection data	
Connection 1	
Wiring direction	Front-entry wiring

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	0.066 MJ
Weight	2.6 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	4045454195595
Customs tariff number	85366990990
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 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)	70d523b1-4a0f-4170-b041-9860ce21a14a
SCIP notification number (Belgium)	d7dbcfba-9de4-4c3d-b1d9-42873ec84e60
SCIP notification number (Bulgaria)	90e7b3cf-cbf6-4382-b651-b15203b433cb
SCIP notification number (Czech Republic)	f9bbe551-d118-49ed-b25a-0772c4c35138
SCIP notification number (Denmark)	6e93be8b-67a1-40ca-91d5-d32f554ec174
SCIP notification number (Finland)	bf02b3e8-460b-41b3-b336-e85bc80e60bb
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SCIP notification number (Sweden)	3075aa81-2e46-4bcb-90f6-0d40e3703393

Downloads

Environmental Product Compliance

Compliance Search

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280-801/281-411

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Documentation

Bid Text			
280-801/281-411	19.02.2019	xml 2.73 KB	↓
280-801/281-411	27.04.2017	doc 23.00 KB	↓

CAD/CAE-Data

CAD data	CAE data
2D/3D Models 280-801/281-411 ↓	WSCAD Universe 280-801/281-411 ↓
	ZUKEN Portal 280-801/281-411 ↓

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

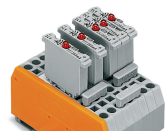
Installation



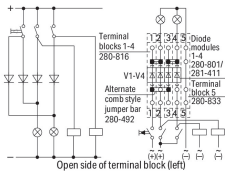
These diode modules are ideal for custom diode circuits (e.g., lamp test and collective fault signal circuits) and offer the following advantages:

- 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

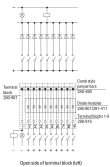
Commoning



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



Lamp test circuit with blocking diodes



Diode gate for collective fault indication