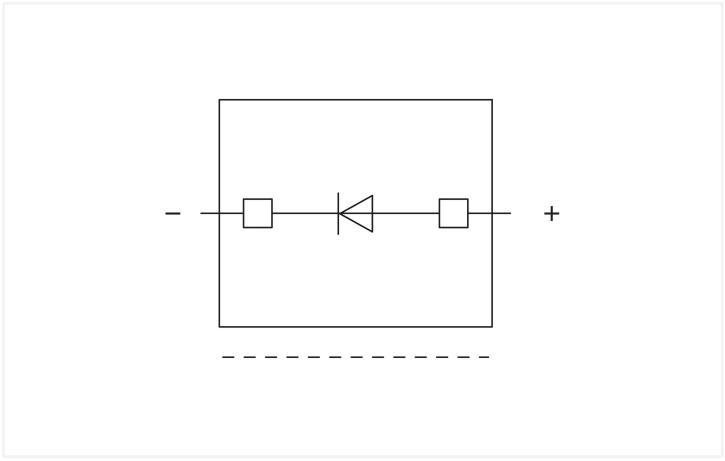
Data Sheet | Item Number: 280-801/281-411

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) is designed for seamless electrical installations.

Electrical data

Ratings per IEC/EN

Rated current	0.5 A
Operation status indicator	None

General information

Nominal voltage	250 V
Reverse voltage	1000 V
Number/type of diode/LED	with 1N4007 diode
Wiring direction	Front-entry wiring
Alignment	Right-side anode

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	0.063 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 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)	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
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SCIP notification number (Sweden)	3075aa81-2e46-4bcb-90f6-0d40e3703393

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Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 280-801/281-411

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

2D/3D Models 280-801/281-411

CAE data

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

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Installation Notes

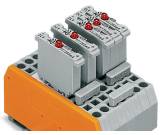
Installation



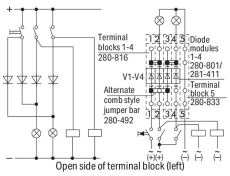
These diode modules are ideal for custom diode circuits (e.g., lamp test and collective fault signal circuits) and offer the following advantages:

- 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

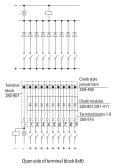
Commoning



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