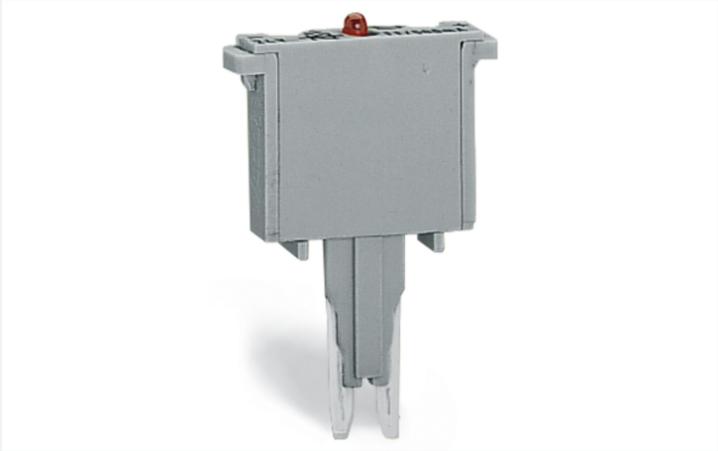
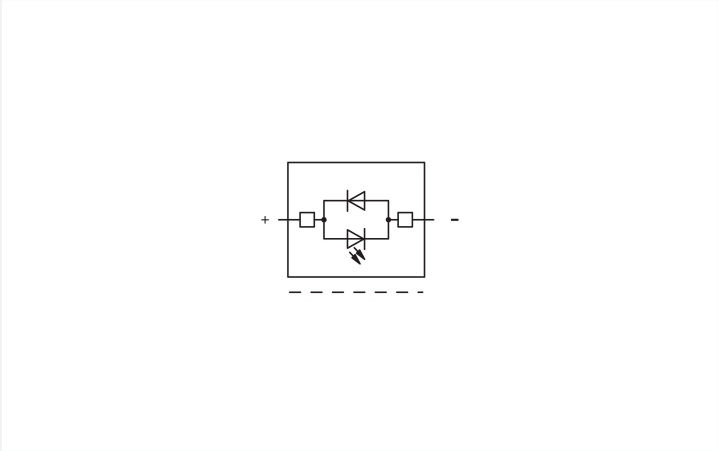
Data Sheet | Item Number: 280-801/281-420

Component plug; for carrier terminal blocks; 2-pole; with LED and recovery diode; 5 mm wide; gray

https://www.wago.com/280-801/281-420





Color: gray

Similar to illustration

Component module with diode, 280 Series, gray

Enjoy convenient electrical installations with this component module with diode (item number 280-801/281-420). 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 VDC

General information

Nominal voltage	250 V
Reverse voltage	1000 V
Number/type of diode/LED	with 1N4007 recovery diode
Alignment	none

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	0.065 MJ
Weight	3 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	4050821385837
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)	8f053560-160c-43b9-8aef-111553afcabe
SCIP notification number (Belgium)	43d6328a-4ea0-439f-891c-20b11dbb5d16
SCIP notification number (Bulgaria)	96111034-95f2-47f0-a24a-aa02f5e2e07d
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SCIP notification number (Sweden)	51c499a3-9c6b-4b6f-8855-ac82fabc45a3

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Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 280-801/281-420

Documentation

Bid Text

280-801/281-420	19.02.2019	xml 2.80 KB
280-801/281-420	27.04.2017	doc 23.00 KB

CAD/CAE-Data

CAD data

2D/3D Models 280-801/281-420

CAE data

WSCAD Universe 280-801/281-420

ZUKEN Portal 280-801/281-420

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

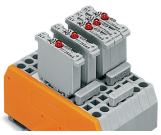
Installation



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