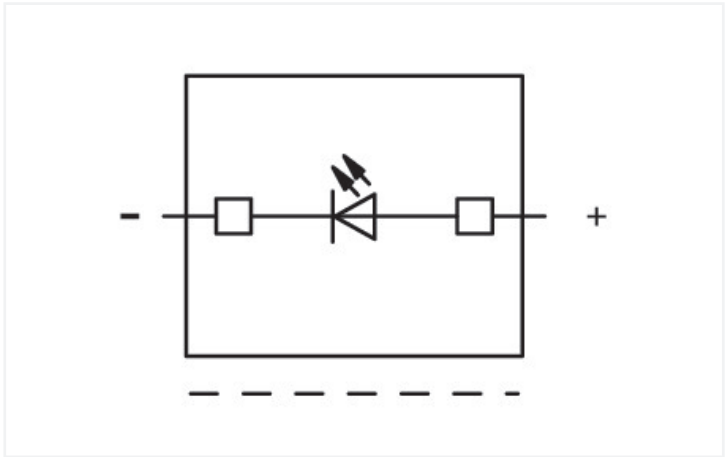




Color: ■ gray

Component module with LED, 280 Series, gray

Our component module with LED (item number 280-801/281-413) simplifies electrical installations. The gray housing is made of polyamide (PA66) for insulation.

Electrical data	
Ratings per IEC/EN	
Operation status indicator	24 VDC

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	0.053 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	4050821864851
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	
RoHS Compliance Status	Compliant,No Exemption

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 280-801/281-413	

Documentation			
Bid Text			
280-801/281-413	19.02.2019	xml 2.68 KB	
280-801/281-413	27.04.2017	doc 23.50 KB	

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 280-801/281-413	WSCAD Universe 280-801/281-413
	ZUKEN Portal 280-801/281-413



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



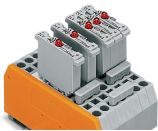
The monitoring of control and operating current circuits with LED modules on rail-mount terminal blocks provides several advantages:

- No additional assembly and wiring costs
- Separation into functional and wiring levels
- Modules can be replaced quickly by other types of modules

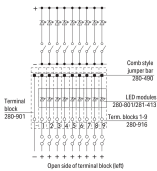
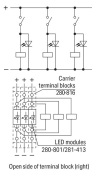
Additional advantages:

- Polarized switching direction
- 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



Voltage control assigned to current circuits

LED gate for collective fault indication – individual display