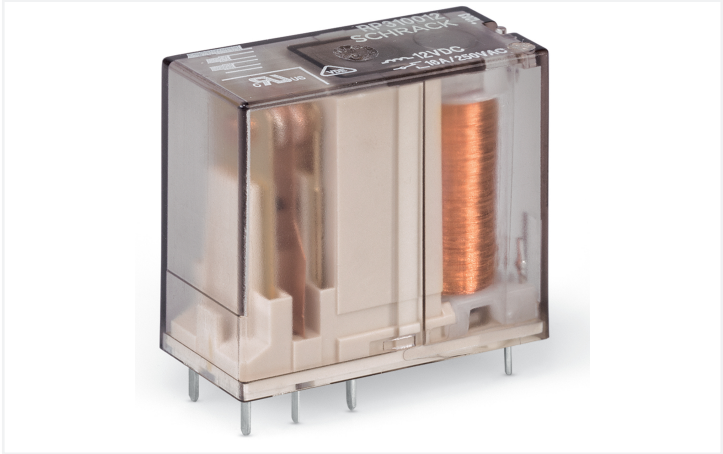


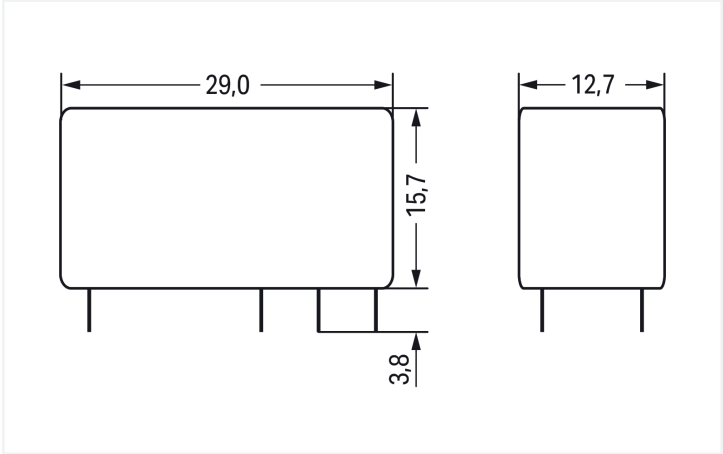
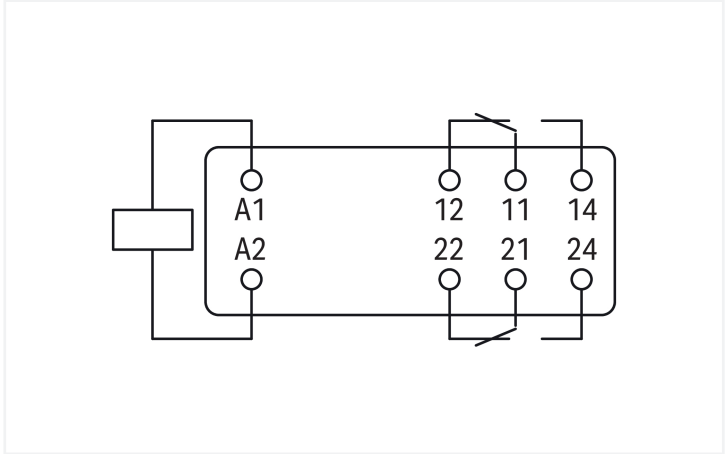
Data Sheet | Item Number: 788-181

Basic relay; Nominal input voltage: 230 VAC; 2 changeover contacts; Limiting continuous current: 8 A; with gold contacts; Module width: 13 mm; Module height: 15 mm

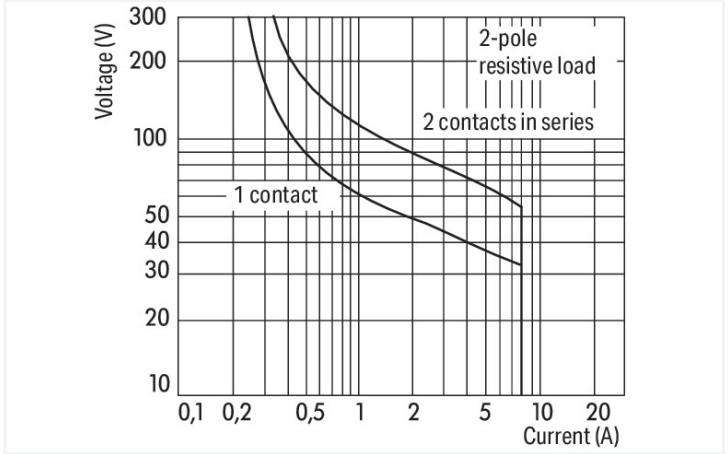
<https://www.wago.com/788-181>



Similar to illustration



Dimensions in mm



DC load limit curve

Notes	
Note	To prevent damaging the gold layer, 30 VDC switching voltages and 50 mA currents must not be exceeded. Higher switching power eventually evaporates the gold layer. The resulting deposits in the housing may reduce service life.

Technical data	
Control circuit	
Nominal input voltage U_N	230 VAC
Nominal input current at U_N	6 mA
Load circuit	
Number of changeover/switchover contacts	2
Contact material (relay)	AgNi + Au
Limiting continuous current	8 A
Switching Voltage, Max.	250 VAC
Switching power (resistive) max.	AC 2000 VA; DC (see load limit curve)
Switching capacity	AC-15: 3 A / 250 VAC; DC-13: 2 A / 24 VDC
Recommended minimum load	5 V / 2 mA / 50 mW
Pull-in time (typ.)	7 ms
Drop-out time (typ.)	3 ms
Electrical life (NO; resistive load; 23 °C)	10 x 10 ³ switching operations
Mechanical life	30 x 10 ⁶ switching operations



Safety and protection		
Dielectric strength (control/load circuit) (AC, 1 min)		5 kVrms
Dielectric strength (open contact) (AC, 1 min)		1 kVrms
Dielectric strength (load/load circuit) (AC, 1 min)		2.5 kVrms

Physical data		
Width		12.7 mm / 0.5 inches
Height from the surface		15.7 mm / 0.618 inches
Depth		29 mm / 1.142 inches

Mechanical data		
Mounting type		Pluggable module

Material data		
Note (material data)		Information on material specifications can be found here
Fire load		0.191 MJ
Weight		12.7 g

Environmental requirements		
Ambient temperature (operation at U _N)		-40 ... +70 °C
Ambient temperature (storage)		-40 ... +85 °C

Standards and specifications		
Standards/specifications		EN 61810-1

Commercial data		
Product Group		6 (INTERFACE ELECTRONIC)
eCl@ss 10.0		27-37-16-01
eCl@ss 9.0		27-37-16-01
ETIM 9.0		EC001437
ETIM 8.0		EC001437
PU (SPU)		20 pcs
Packaging type		Box
Country of origin		DE
GTIN		4050821867937
Customs tariff number		85364900990

Environmental Product Compliance		
RoHS Compliance Status		Compliant, No Exemption



Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 788-181

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Documentation

Bid Text			
788-181	19.02.2019	xml 3.98 KB	↓
788-181	20.02.2019	docx 16.94 KB	↓

CAD/CAE-Data

CAD data

2D/3D Models 788-181

↓

CAE data

WSCAD Universe 788-181

↓

- 1 Compatible Products
- 1.1 Optional Accessories
- 1.1.1 Socket
- 1.1.1.1 Socket without relay



Item No.: 788-102
Relay socket; 2 changeover contacts; for 15 mm basic relays; gray