

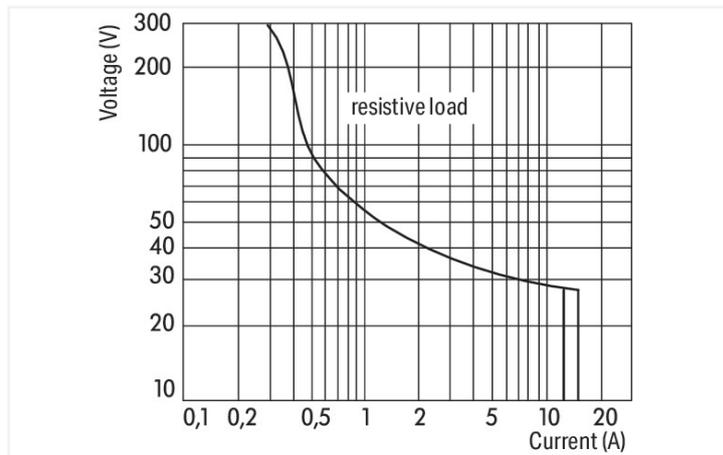
## Data Sheet | Item Number: 788-175

Basic relay; Nominal input voltage: 115 VAC; 1 changeover contact; Limiting continuous current: 16 A; with gold contacts; Module width: 13 mm; Module height: 15 mm

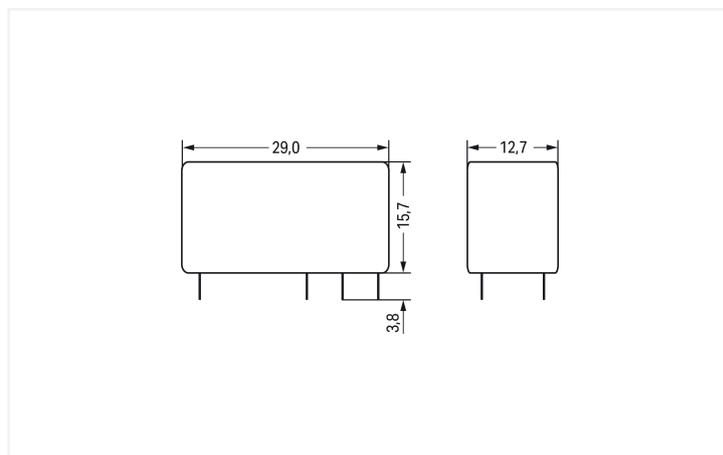
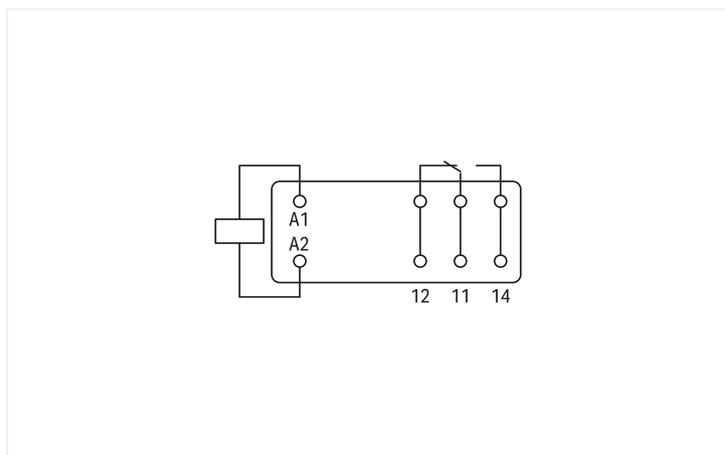
<https://www.wago.com/788-175>



Similar to illustration



DC load limit curve



Dimensions in mm

### 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 $U_N$	115 VAC
Nominal input current at $U_N$	12 mA

#### Load circuit

Number of changeover/switchover contacts	1
Contact material (relay)	AgNi + Au
Limiting continuous current	16 A
Switching Voltage, Max.	250 VAC
Switching power (resistive) max.	AC 4000 VA; DC (see load limit curve)
Switching capacity	AC-15: 6 A / 250 VAC; DC-13: 2 A / 24 VDC
Recommended minimum load	5 V / 2 mA / 50 mW

### Load circuit

Pull-in time (typ.)	7 ms
Drop-out time (typ.)	3 ms
Electrical life (NO; resistive load; 23 °C)	30 x 10 <sup>3</sup> switching operations
Mechanical life	30 x 10 <sup>6</sup> switching operations

### Safety and protection

Dielectric strength (control/load circuit) (AC, 1 min)	5 kVrms
Dielectric strength (open contact) (AC, 1 min)	1 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
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### Material data

Note (material data)	<a href="#">Information on material specifications can be found here</a>
Fire load	0 MJ
Weight	12.7 g

### Environmental requirements

Ambient temperature (operation at U <sub>N</sub> )	-40 ... +70 °C
Ambient temperature (storage)	-40 ... +85 °C

### Standards and Specifications

Standards/specifications	EN 61810-1
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### Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
PU (SPU)	20 pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821867876
Customs tariff number	85364900990

### Product Classification

UNSPSC	39122334
eCl@ss 10.0	27-37-16-01
eCl@ss 9.0	27-37-16-01
ETIM 9.0	EC001437
ETIM 10.0	EC001437
ECCN	NO US CLASSIFICATION

**Environmental Product Compliance**

RoHS Compliance Status	Compliant, No Exemption
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**Downloads**

**Environmental Product Compliance**

<b>Compliance Search</b>			
Environmental Product Compliance 788-175			↓

**Documentation**

<b>Bid Text</b>			
788-175	20.02.2019	docx 16.90 KB	↓
788-175	19.02.2019	xml 3.87 KB	↓

**CAD/CAE-Data**

<b>CAD data</b>			
2D/3D Models 788-175			↓

<b>CAE data</b>			
WSCAD Universe 788-175			↓

**1 Compatible Products**

**1.1 Optional Accessories**

**1.1.1 Socket**

**1.1.1.1 Socket without relay**



**Item No.: 788-100**  
 Relay socket; 1 changeover contact; for 15 mm basic relays; gray