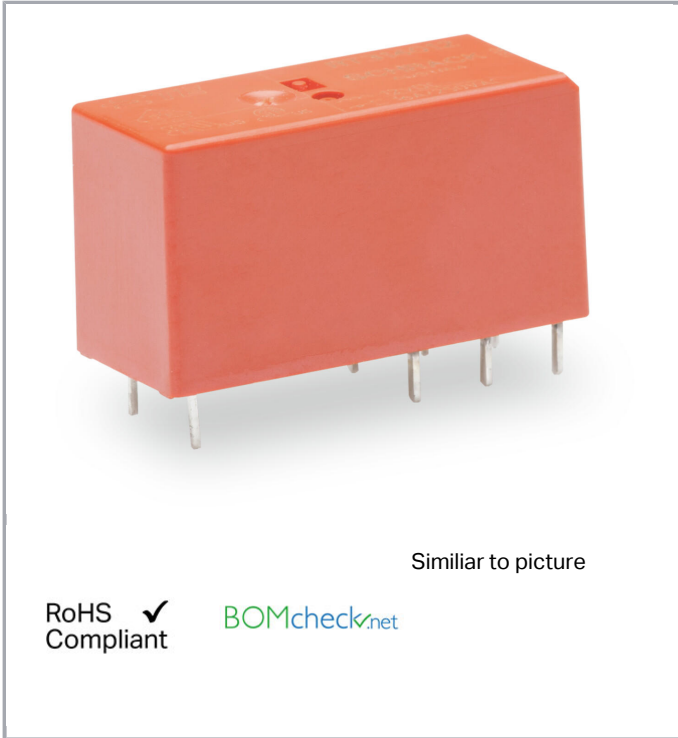


Data sheet | Item number: 788-166

Basic relay; Nominal input voltage: 110 VDC; 1 changeover contact; Limiting continuous current: 16 A; Module width: 13 mm; Module height: 15 mm

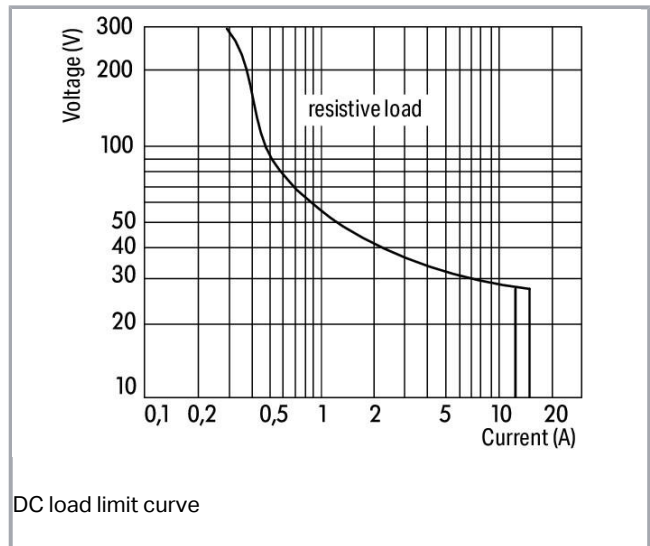
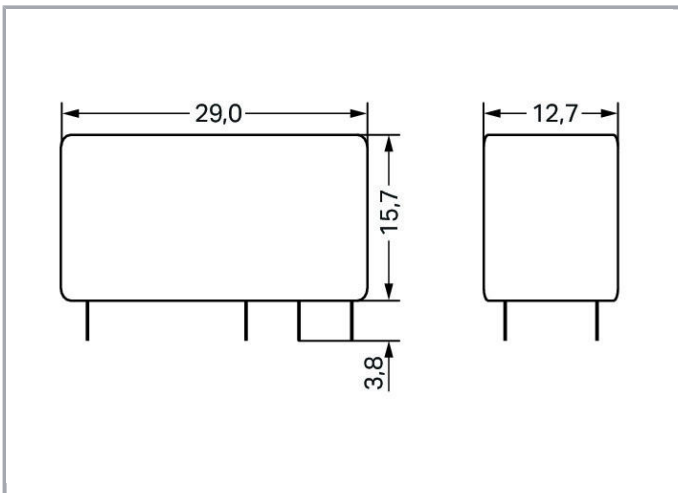
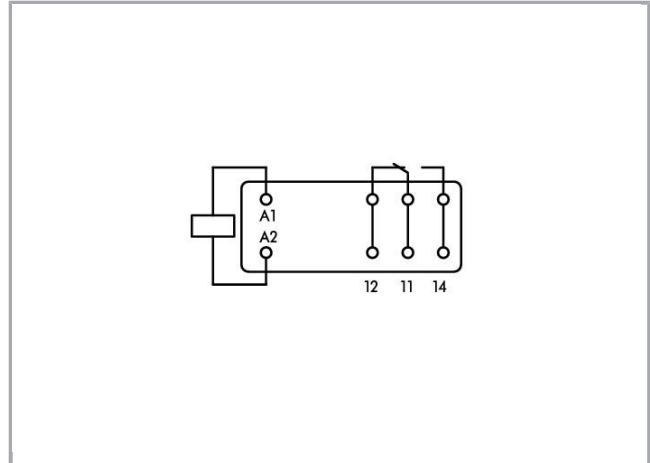


www.wago.com/788-166



Similar to picture

RoHS
Compliant



DC load limit curve

Data

Subject to changes. Please also observe the further product documentation!

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We are always happy to take your call at +49 (571) 887-44222.

Technical Data

Control circuit

Nominal input voltage U_N	DC 110 V
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Load circuit:

Number of changeover/switchover contacts	1
Contact material (relay)	AgNi 90/10
Limiting continuous current	16 A
Max. make current (resistive)	(AC) 30 A / 4 s
Max. switching voltage	AC 250 V
Max. switching power (resistive)	AC 4000 VA; DC see load limit curve
Switching capacity	AC-15: 6 A / AC 250 V; DC-13: 2 A / DC 24 V
Recommended minimum load	12 V / 10 mA
Pull-in time (typ.)	8 ms
Drop-out time (typ.)	6 ms
Bounce time (typ.)	6 ms
Electrical life (N.O.; resistive load; 23 °C)	30×10^3 switching operations
Mechanical life	30×10^6 switching operations
Max. switching load with load/without load	6 min^{-1} / 1200 min^{-1}

Safety and protection:

Dielectric strength, control/load circuit (AC, 1 min)	5 kVrms
Dielectric strength open contact (AC, 1 min)	1 kVrms
Protection class	IP40

Geometrical Data

Width	12.7 mm / 0.5 inch
Height from the surface	15.7 mm / 0.618 inch
Depth	29 mm / 1.142 inch

Mechanical data

Type of mounting	Pluggable module
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Subject to changes. Please also observe the further product documentation!



Material Data

Weight	13.5 g
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Environmental Requirements

Surrounding air (operating) temperature at U _N	-40 ... 85 °C
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Surrounding air (storage) temperature	-40 ... 85 °C
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Standards and specifications

Standards/specifications	EN 61810-1
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Commercial data

Product Group	6 (Interface Electronics)
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Packaging type	BOX
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Country of origin	DE
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GTIN	4050821867821
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Customs Tariff No.	85364900990
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Counterpart

Compatible products

General accessories

Item no.: 788-100	www.wago.com/788-100
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Relay socket; 1 changeover contact; for 15 mm basic relays; gray	
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Downloads

Documentation

Additional Information

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf	Download
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265.8 kB

CAD/CAE-Data

CAE data

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Installation Notes

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