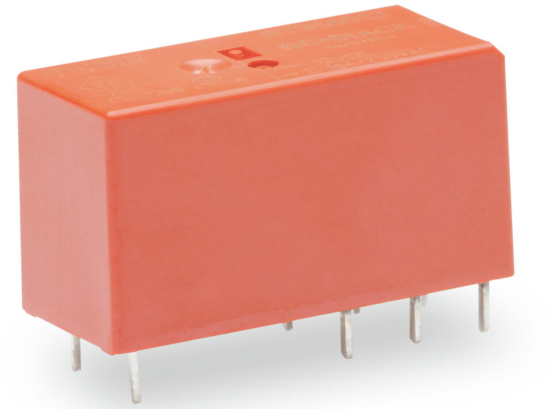
Data sheet | Item number: 788-150

Basic relay; Nominal input voltage: 12 VDC; 1 changeover contact; Limiting continuous current: 16 A; Module width: 13 mm; Module height: 15 mm

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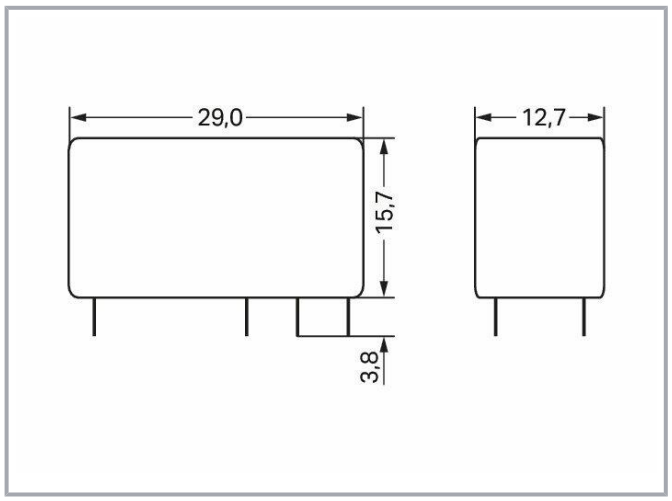


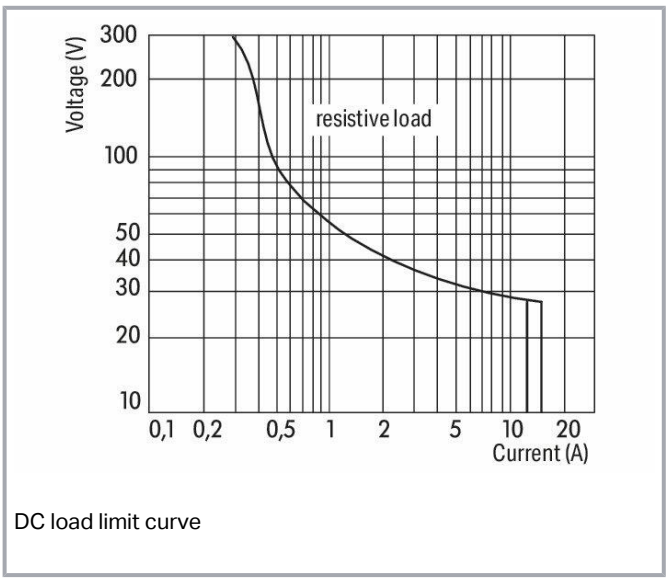
Similar to picture

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

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DC load limit curve

Data

Technical data

Control circuit

Nominal input voltage U_N	DC 12 V
Nominal input current at U_N	0

Load circuit

Number of changeover/switchover contacts	1
Contact material (relay)	AgNi 90/10
Limiting continuous current	16 A
Inrush current (resistive) (max.)	(AC) 30 A / 4 s
Switching voltage (max.)	AC 250 V
Switching power (resistive) (max.)	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 (NO; resistive load; 23 °C)	30 x 10^3 switching operations
Mechanical life	30 x 10^6 switching operations

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Switching frequency with/without load (max.)	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 type	IP40

Physical 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

Mounting type	Pluggable module

Material data

Weight	14.7 g

Environmental requirements

Surrounding air temperature (operation at U_N)	-40 … 85 °C
Surrounding air temperature (storage)	-40 … 85 °C

Standards and specifications

Standards/Specifications	EN 61810-1

Commercial data

Product Group	6 (Interface Electronics)
PU (SPU)	20 (1) Each
Packaging type	box
Country of origin	AT
GTIN	4045454303778
Customs tariff number	85364900990

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Optional accessories

Sockets

Socket without relay



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

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Downloads

Documentation

Bid Text

788-150 X81 - Datei	2019. 2. 19.	xml 3.6 kB	Download
788-150 docx - Datei	2019. 2. 20.	docx 15.6 kB	Download

Additional Information

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

CAD/CAE-Data

CAE data

WSCAD Universe 788-150	URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 788-150 Basic relay; Nominal input voltage: 12 VDC; 1 changeover contact; Limiting continuous current: 16 A; Module width: 13 mm; Module height: 15 mm	URL	Download

Installation Notes

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