

Data sheet | Item number: 788-177

Basic relay; Nominal input voltage: 115 VAC; 2 changeover contacts; Limiting continuous current: 8 A; with gold contacts; Module width: 13 mm; Module height: 15 mm

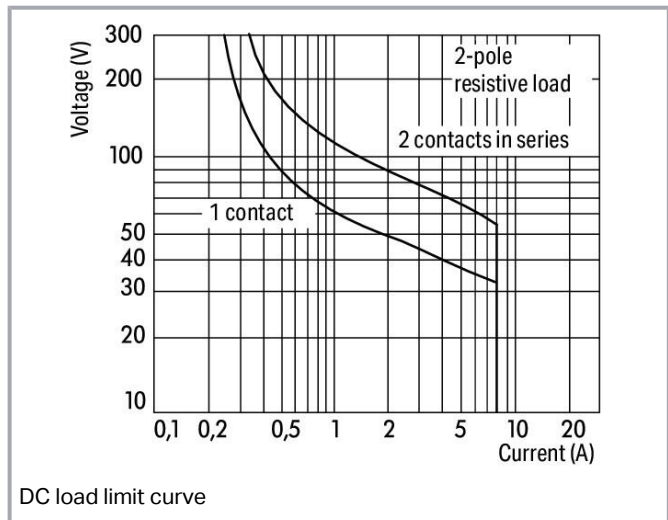
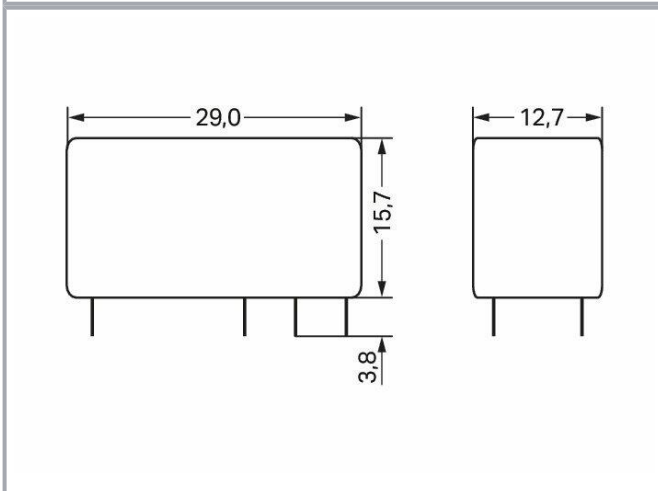
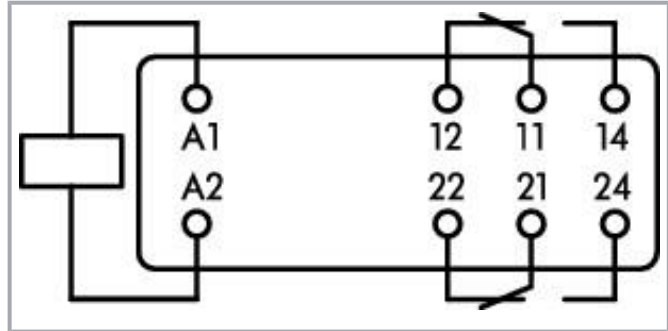


www.wago.com/788-177



i Picture differs from the item.

Similar to picture



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

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Data 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.
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Technical data

Control circuit

Nominal input voltage U_N	AC 115 V
Nominal input current at U_N	12 mA

Load circuit

Number of changeover/switchover contacts	2
Contact material (relay)	AgNi + Au
Limiting continuous current	8 A
Switching voltage (max.)	AC 250 V
Switching power (resistive) max.	AC 2000 VA; DC (see load limit curve)
Switching capacity	AC-15: 3 A / AC 250 V; DC-13: 2 A / DC 24 V
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
Protection type	IP40

Physical data

Width	12.7 mm / 0.5 inches
Height from the surface	15.7 mm / 0.618 inches

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Depth	29 mm / 1.142 inches
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Mechanical data

Mounting type	Pluggable module
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Material data

Weight	12.6 g
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Environmental requirements

Ambient temperature (operation at U_N)	-40 ... +70 °C
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Ambient temperature (storage)	-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 ELECTRONIC)
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eCl@ss 10.0	27-37-16-01
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eCl@ss 9.0	27-37-16-01
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ETIM 8.0	EC001437
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ETIM 7.0	EC001437
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Recupel Type	
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ECCN	NO DATA
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PU (SPU)	20 pcs
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Packaging type	box
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Country of origin	DE
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GTIN	4050821867890
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Customs tariff number	85364900990
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Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Optional accessories

Sockets

Socket without relay	
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Item no.: 788-102

Relay socket; 2 changeover contacts; for 15 mm basic relays; gray

www.wago.com/788-102

Downloads

Documentation

Bid Text

788-177 docx - Datei	2019 Feb 20	docx 17.3 kB	Download
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788-177 X81 - Datei	2019 Feb 19	xml 4.1 kB	Download
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Additional Information

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 2022 Aug 18	pdf 2.2 MB	Download
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CAD/CAE-Data

CAE data

WSCAD Universe 788-177		URL	Download
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CAD data

2D/3D Models 788-177		URL	Download
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Asset Administration Shell

Asset Administration Shell 788-177		URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 788-177 Basic relay; Nominal input voltage: 115 VAC; 2 changeover contacts; Limiting continuous current: 8 A; with gold contacts; Module width: 13 mm; Module height: 15 mm		URL	Download
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Installation Notes

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