

Data sheet | Item number: 788-177

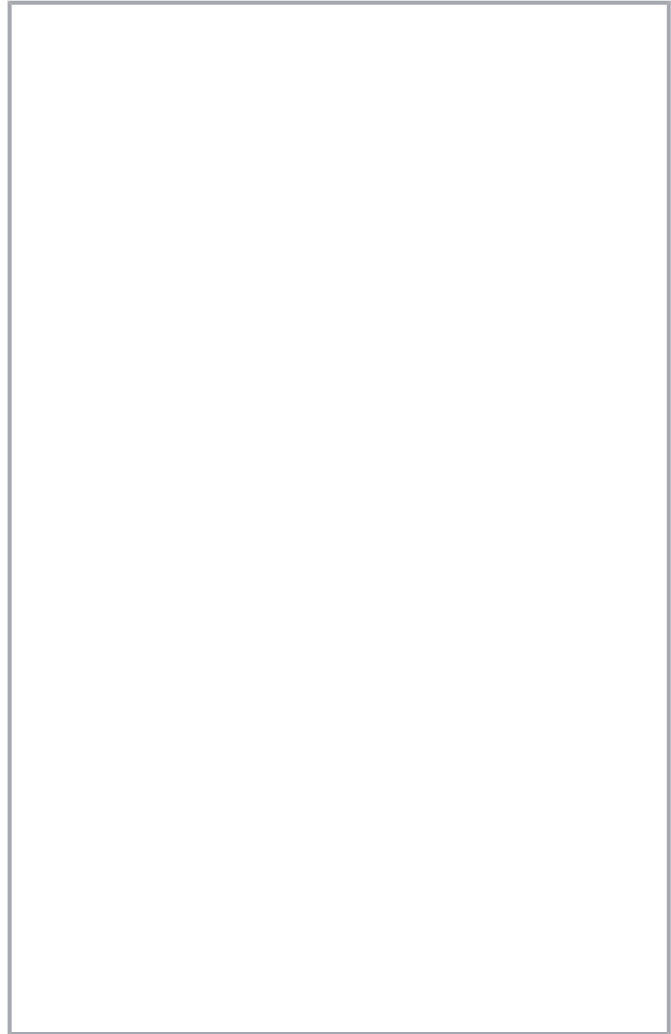
Basic relay; Nominal input voltage: 115 VAC; 2 changeover contacts; Limiting continuous current: 8 A; with gold contacts; Module width: 13 mm; Module height: 15 mm

www.wago.com/788-177



 Picture differs from the item.

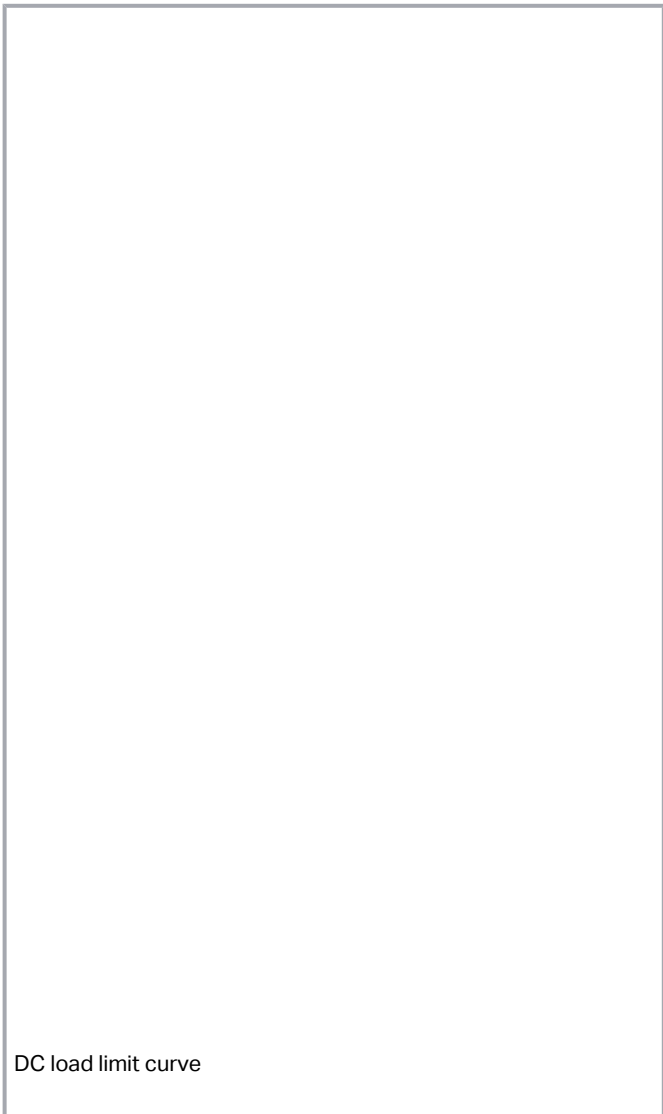
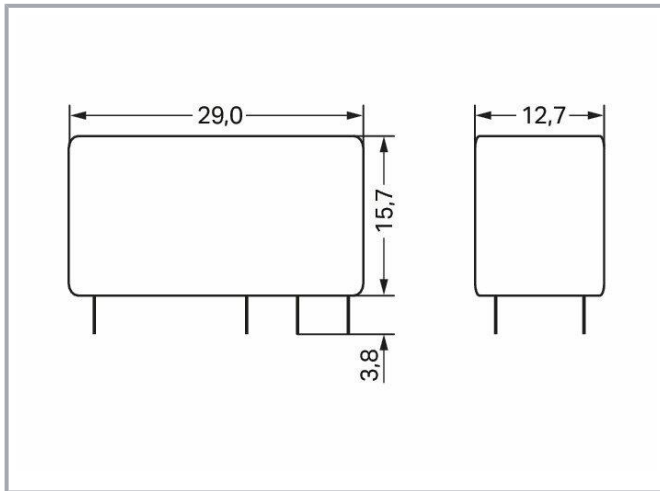
Similar to picture



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

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DC load limit curve

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.

Technical data

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Control circuit

Nominal input voltage U_N	AC 115 V
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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)	10×10^3 switching operations
Mechanical life	30×10^6 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 inch
Height from the surface	15.7 mm / 0.618 inch
Depth	29 mm / 1.142 inch

Mechanical data

Mounting type	Pluggable module
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Material data

Weight	12.6 g
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Subject to changes. Please also observe the further product documentation!

Environmental requirements

Surrounding air temperature (operation at U_N)	-40 ... 70 °C
Surrounding air temperature (storage)	-40 ... 85 °C

Standards and specifications

Standards/Specifications	EN 61810-1
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Commercial data

Product Group	6 (Interface Electronics)
PU (SPU)	20 Each
Packaging type	box
Country of origin	DE
GTIN	4050821867890
Customs tariff number	85364900990

Optional accessories

Sockets

Socket without relay



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. 2. 20.	docx 17.3 kB	Download
788-177 X81 - Datei	2019. 2. 19.	xml 4.1 kB	Download

Additional Information

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf 265.8 kB	Download
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CAD/CAE-Data

CAE data

WSCAD Universe 788-177	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 788-177	URL	Download
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Installation Notes

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