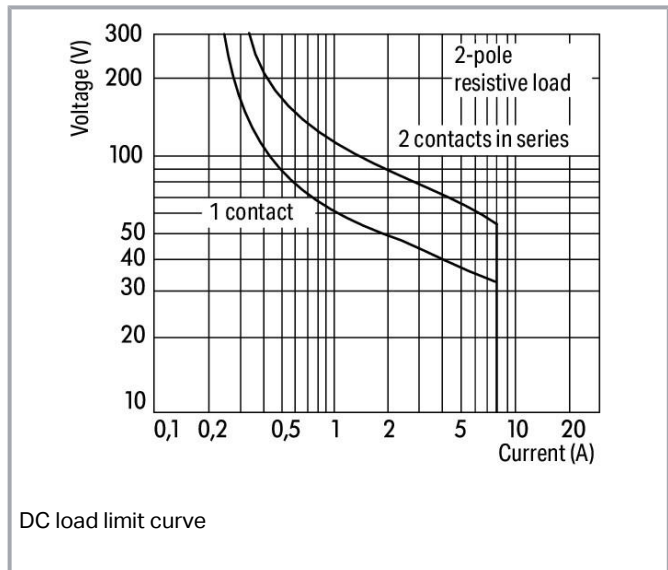
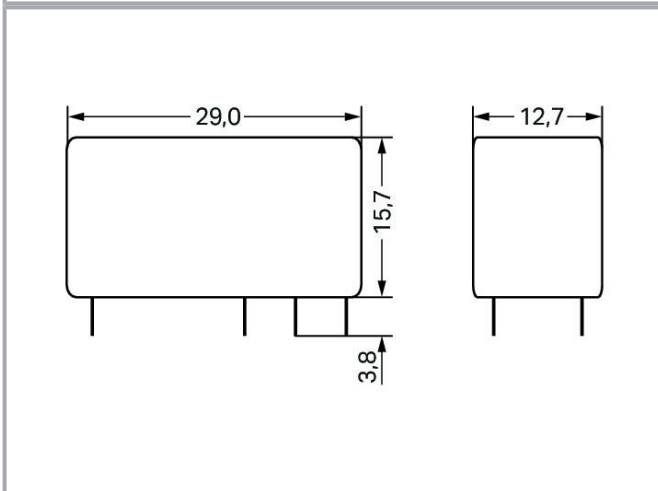
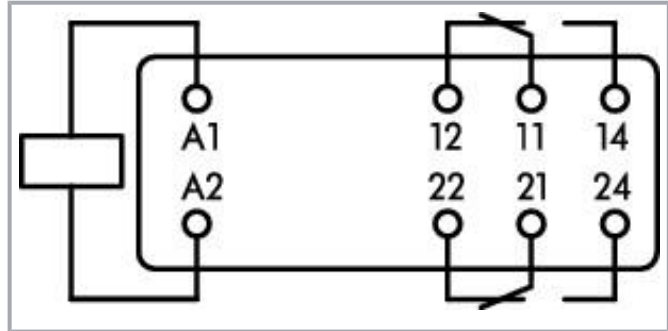


Data sheet | Item number: 788-168

Basic relay; Nominal input voltage: 110 VDC; 2 changeover contacts;
Limiting continuous current: 8 A; Module width: 13 mm; Module height: 15 mm



www.wago.com/788-168



Data Technical data

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

WAGO Corporation
Germantown, WI 53022
Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222
Email: info.us@wago.com | Web: www.wago.us

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Control circuit

Nominal input voltage U_N	DC 110 V
Nominal input current at U_N	0

Load circuit

Number of changeover contacts	2
Contact material (relay)	AgNi 90/10
Limiting continuous current	8 A
Inrush current (resistive) (max.)	(AC) 15 A / 4 s
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	12 V / 10 mA
Pull-in time (typ.)	8 ms
Drop-out time (typ.)	6 ms
Bounce time (typ.)	10 ms
Electrical life (NO; resistive load; 23 °C)	10×10^3 switching operations
Mechanical life	30×10^6 switching operations
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
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	13.4 g
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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
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Commercial data

Product Group	6 (Interface Electronics)
Packaging type	BOX
Country of origin	DE
GTIN	4050821867838
Customs tariff number	8536490080

Optional accessories

Sockets

	Item no.: 788-102 Relay socket; 2 changeover contacts; for 15 mm basic relays; gray	www.wago.com/788-102
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Downloads

Documentation

Bid Text

788-168 X81 - Datei	Feb 19, 2019	xml 3.7 kB	Download
788-168 docx - Datei	Feb 20, 2019	docx 16.0 kB	Download

Additional Information

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

CAE data

WSCAD Universe 788-168

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 788-168

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Basic relay; Nominal input voltage: 110 VDC; 2 changeover contacts; Limiting continuous current: 8 A; Module width: 13 mm; Module height: 15 mm

Installation Notes

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