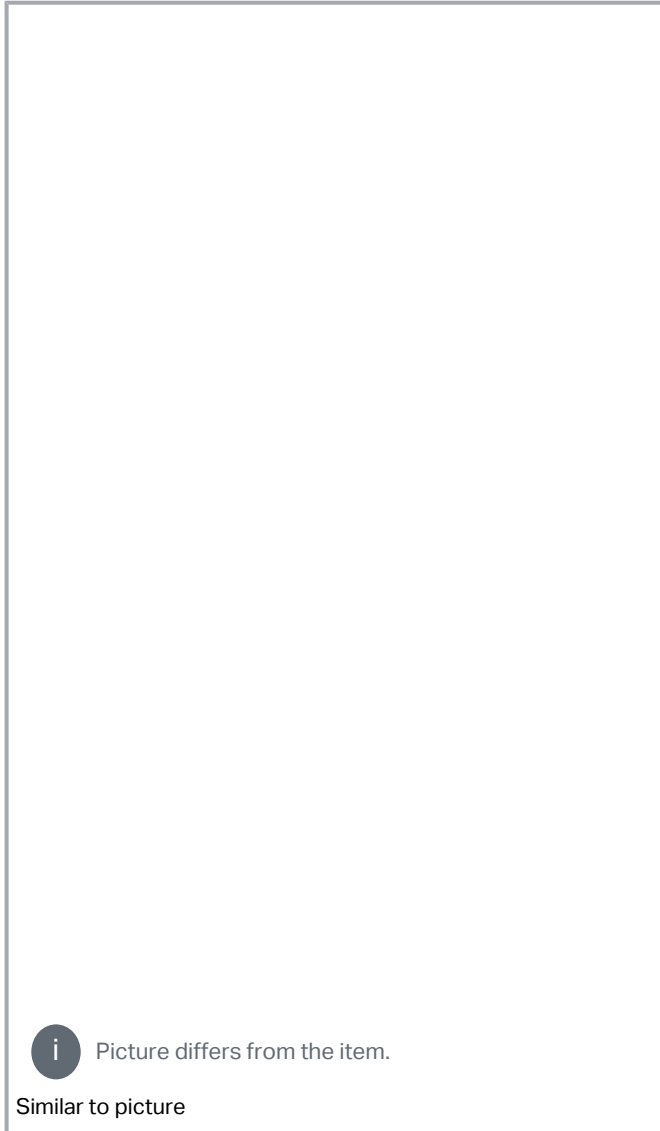


Data sheet | Item number: 788-168

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



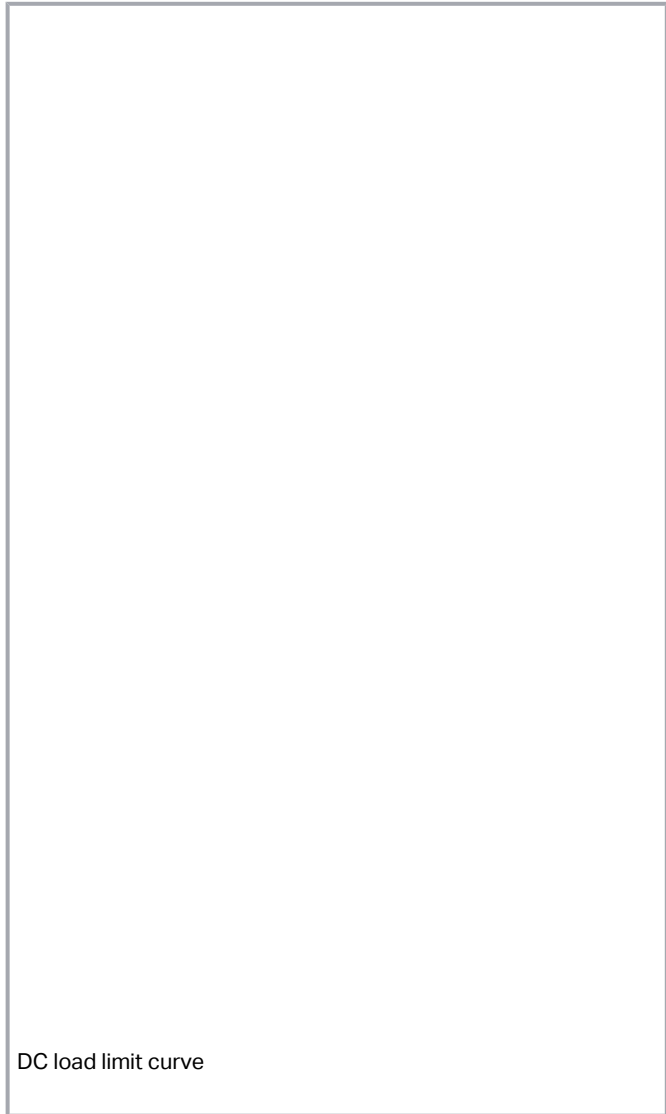
www.wago.com/788-168



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

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Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



DC load limit curve

Data

Technical data

Control Circuit

Nominal input voltage U_N	DC 110 V
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Nominal input current at U_N	4 mA
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Load circuit

Number of changeover/switchover 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 x 10 ³ switching operations
Mechanical life	30 x 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 inches
Height from the surface	15.7 mm / 0.618 inches
Depth	29 mm / 1.142 inches

Mechanical data

Mounting type	Pluggable module
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Material Data

Weight	13.4 g
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Subject to changes. Please also observe the further product documentation!



Environmental requirements

Ambient temperature (operation at U_N)	-40 ... +85 °C
Ambient temperature (storage)	-40 ... +85 °C

Standards and specifications

Standards/specifications	EN 61810-1
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Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
eCl@ss 10.0	27-37-16-01
eCl@ss 9.0	27-37-16-01
ETIM 8.0	EC001437
ETIM 7.0	EC001437
Recupel Type	
PU (SPU)	20 pcs
Packaging type	box
Country of origin	DE
GTIN	4050821867838
Customs tariff number	85364900990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Optional accessories

Sockets

Socket without relay	
Item no.: 788-102	www.wago.com/788-102
Relay socket; 2 changeover contacts; for 15 mm basic relays; gray	

Downloads

Documentation

Bid Text

788-168	2019 年2月20 日	docx	Download
docx - Datei		16.0 kB	

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



788-168 X81 - Datei	2019 年2月19日	xml 3.7 kB	Download
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Additional Information

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 2022 年8月18日	pdf 2.2 MB	Download
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CAD/CAE-Data

CAE data

WSCAD Universe 788-168		URL	Download
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CAD data

2D/3D Models 788-168		URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 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		URL	Download
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Installation Notes

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