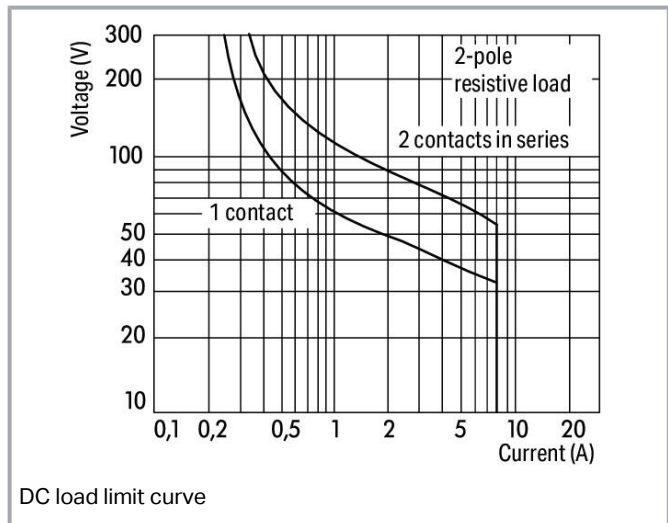
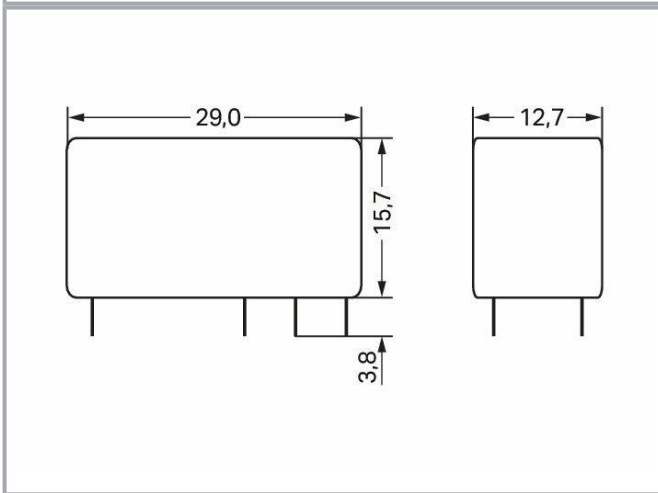
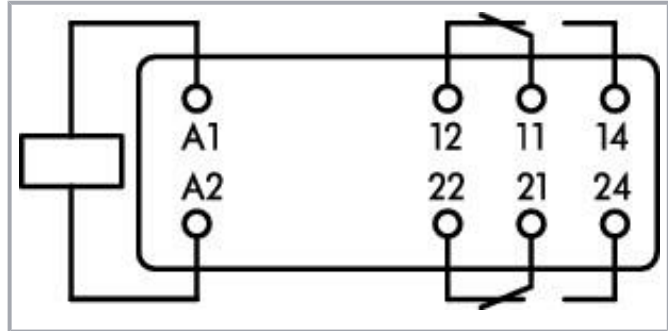


Data sheet | Item number: 788-168

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!

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Control circuit

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

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)	10×10^3 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 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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Subject to changes. Please also observe the further product documentation!



Material data

Weight	13.4 g
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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	
ECCN	NO DATA
PU (SPU)	20 pcs
Packaging type	box
Country of origin	DE
GTIN	4050821867838
Customs tariff number	85364900990

Environmental Product Compliance

CAS-No.	80-05-7
REACH Candidate List Substance	4,4'-isopropylidenediphenol
RoHS Compliance Status	Compliant, No Exemption
SCIP notification number (Austria)	90c33ee2-b006-4112-b630-fe4f7db7a01e
SCIP notification number (Belgium)	cd5ce0f2-11e5-4c9d-aea0-6352bb8efc3c
SCIP notification number (Bulgaria)	0fe922b3-f37b-411b-90e2-8d0199d68e11
SCIP notification number (Czech Republic)	3474c17a-c8f7-4e5b-9fc6-fec945cb619f
SCIP notification number (Denmark)	538475e7-ae22-4717-8f22-038b1f404973
SCIP notification number (Finland)	627634be-4475-41e9-8308-b2eb43318f1b
SCIP notification number (France)	6f5f36af-f58f-4fad-8215-d334aff7072f

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SCIP notification number (Germany)	466245df-161c-4019-84c0-4adc54488dc7
SCIP notification number (Hungary)	3a29f425-4dad-4aa2-98da-67c9b00782f3
SCIP notification number (Italy)	9b745ddd-d46b-48c9-bc6b-bc32a0ec6eda
SCIP notification number (Netherlands)	fb5a4085-b1d6-459f-8144-81bd4c9e08e2
SCIP notification number (Poland)	dce3162d-085b-4378-8c56-4b6de5b889ae
SCIP notification number (Romania)	6def571b-0a92-43b7-a632-fa80ed5e4b74
SCIP notification number (Sweden)	88ad62d3-7ea7-4efc-81f5-e28fa83f20f7

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

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

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 788-168	URL	Download
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CAD data

2D/3D Models 788-168	URL	Download
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Asset Administration Shell

Asset Administration Shell 788-168	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 788-168	URL	Download
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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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