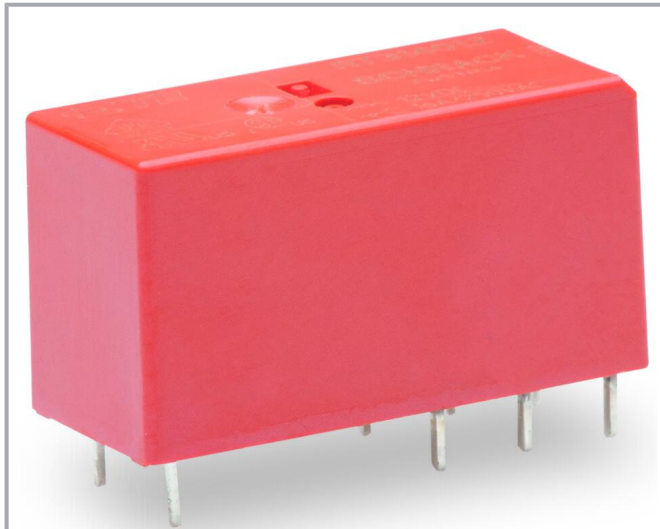


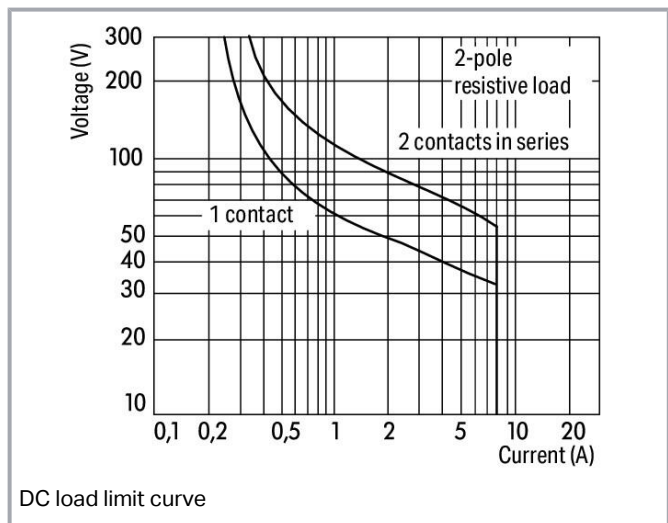
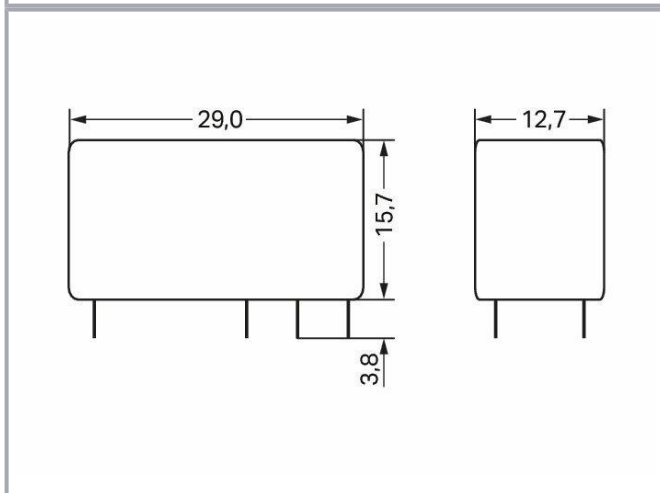
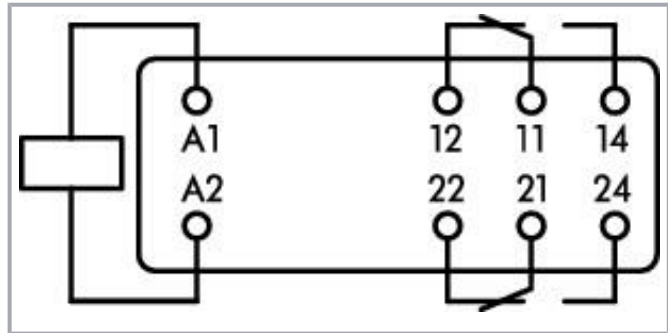
Data sheet | Item number: 788-168

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



 Picture differs from the item.



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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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	
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
SCIP notification number (Germany)	466245df-161c-4019-84c0-4adc54488dc7

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

Additional Information

Disposal and Recycling	V 1.1.0	pdf	Download
Electrical and electronic equipment, Batteries, Packaging	2022 Aug 18	2.2 MB	

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

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

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Asset Administration Shell 788-168	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 788-168	URL	Download
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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