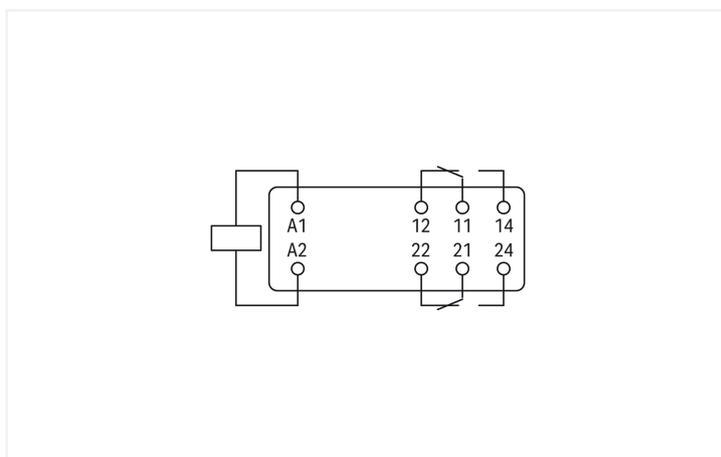
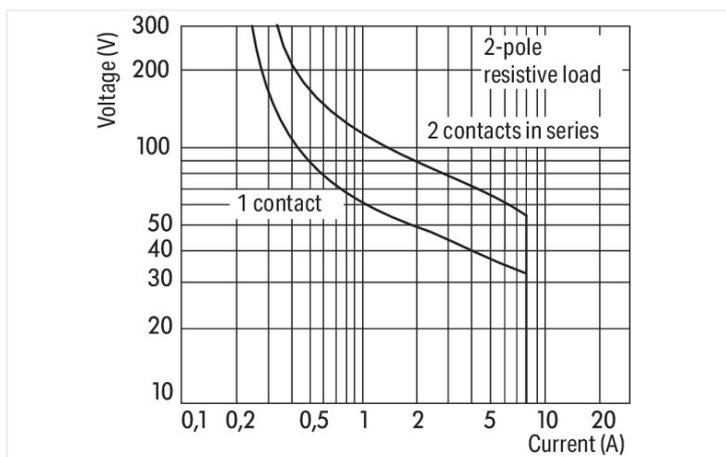


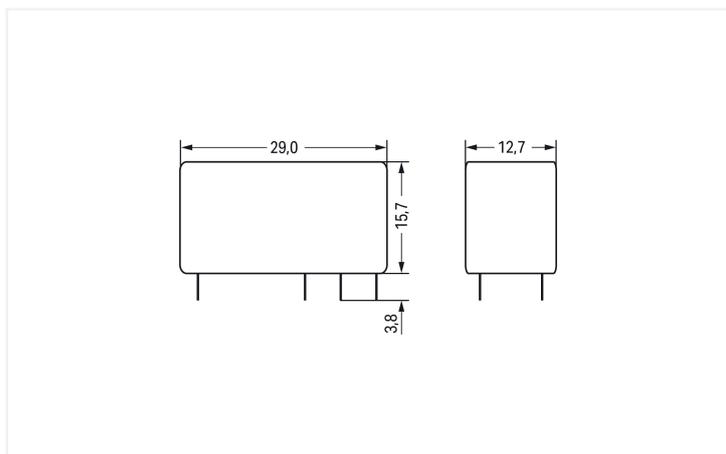
Data Sheet | Item Number: 788-172

Basic relay; Nominal input voltage: 24 VAC; 2 changeover contacts; Limiting continuous current: 8 A; Module width: 13 mm; Module height: 15 mm

<https://www.wago.com/788-172>



DC load limit curve



Dimensions in mm

Technical data

Control circuit

Nominal input voltage U_N	24 VAC
Nominal input current at U_N	7 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.	250 VAC
Switching power (resistive) max.	AC 2000 VA; DC (see load limit curve)
Switching capacity	AC-15: 3 A / 250 VAC; DC-13: 2 A / 24 VDC
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

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

Note (material data)	Information on material specifications can be found here
Fire load	0.225 MJ
Weight	12.7 g

Environmental requirements

Ambient temperature (operation at U_N)	-40 ... +70 °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)
PU (SPU)	20 pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454620967
Customs tariff number	85364900990

Product Classification

UNSPSC	39122333
eCl@ss 10.0	27-37-16-01
eCl@ss 9.0	27-37-16-01
ETIM 9.0	EC001437
ETIM 10.0	EC001437
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
SCIP notification number (Austria)	975c0cf2-079a-4342-a3ef-1b2eb272dde3
SCIP notification number (Belgium)	b14e9bc3-5a41-4e52-9bf4-a33b132ec211
SCIP notification number (Bulgaria)	f26073b9-f63f-40b5-bbf0-e33fc688710a
SCIP notification number (Czech Republic)	d6b95ba2-c642-4bee-96a5-a275c8e65233
SCIP notification number (Denmark)	111c3d8f-4bc4-46fc-b475-d76f3e53411f
SCIP notification number (Finland)	c398ebae-45eb-4cd1-977c-26da016f68d4
SCIP notification number (France)	c09c137f-2abc-4a3e-a09d-f9486a924bf9
SCIP notification number (Germany)	d538de56-99db-4a81-9552-b215a6d572db
SCIP notification number (Hungary)	7a5b4d6f-f22d-4f44-91f7-4c6fd3c06467
SCIP notification number (Italy)	fd35d81f-60fc-42f0-81b0-5018d515ce74
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SCIP notification number (Sweden)	5bf49490-1ea1-438d-841c-23dd8cc95b97

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product
Compliance 788-172



Documentation

Bid Text

788-172	19.02.2019	xml 3.59 KB	↓
788-172	20.02.2019	docx 15.53 KB	↓

CAD/CAE-Data

CAD data

2D/3D Models 788-172



CAE data

WSCAD Universe
788-172



1 Compatible Products

1.1 Optional Accessories

1.1.1 Socket

1.1.1.1 Socket without relay



Item No.: [788-102](#)

Relay socket; 2 changeover contacts; for 15 mm basic relays; gray