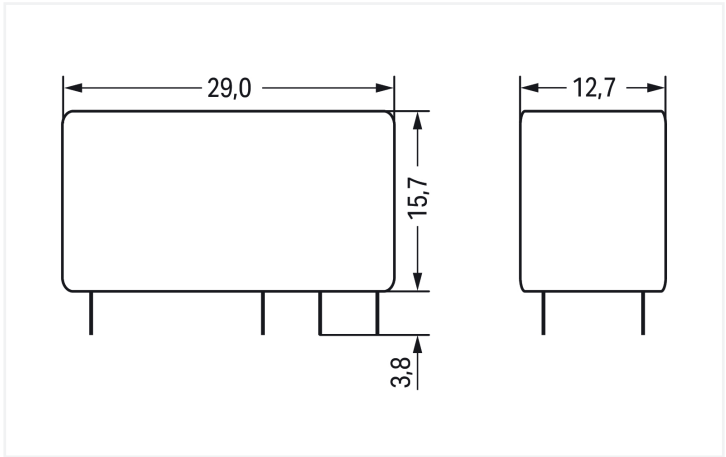
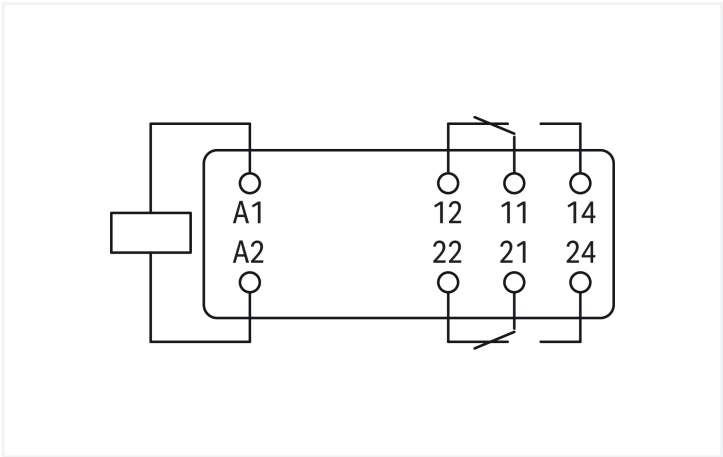


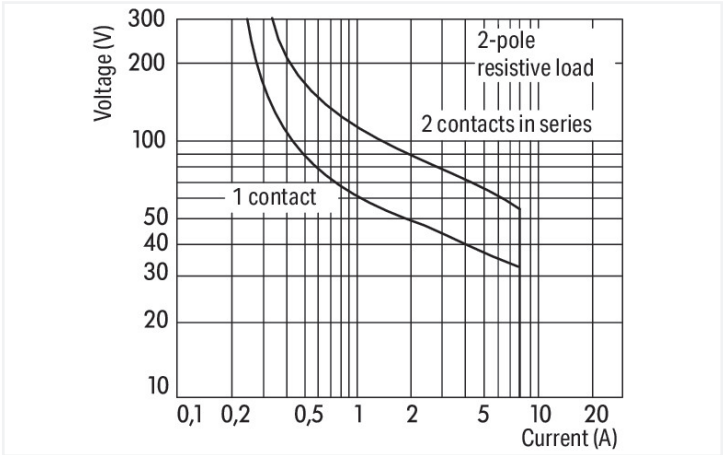
Data Sheet | Item Number: 788-172

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>



Dimensions in mm



DC load limit curve



Technical data			
Control circuit		Load circuit	
Nominal input voltage U _N	24 VAC	Number of changeover/switchover contacts	2
Nominal input current at U _N	7 mA	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	

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

Commercial data	
Product Group	6 (INTERFACE ELECTRONIC)
eCl@ss 10.0	27-37-16-01
eCl@ss 9.0	27-37-16-01
ETIM 9.0	EC001437
ETIM 8.0	EC001437
PU (SPU)	20 pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454620967
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)	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
SCIP notification number (Netherlands)	c23e8fa3-836d-4548-8ad0-6934edffa6aa
SCIP notification number (Poland)	6e0fdd45-3df3-4763-ac14-f7d0a2ae805c
SCIP notification number (Romania)	bb5e7dec-aaf1-4d5a-a261-d69895f92c88
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