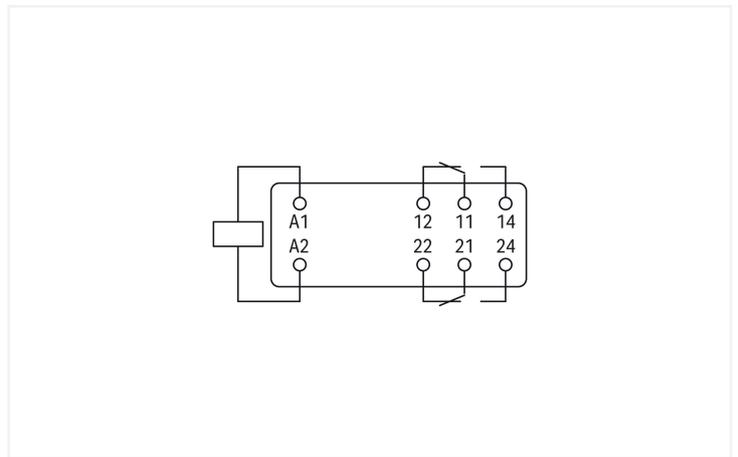
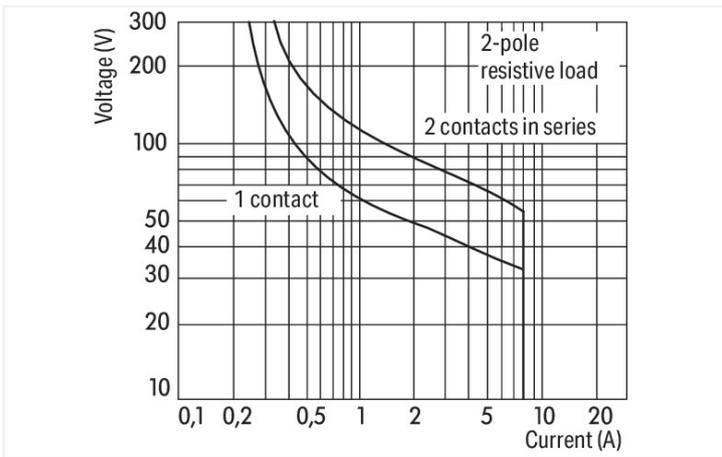


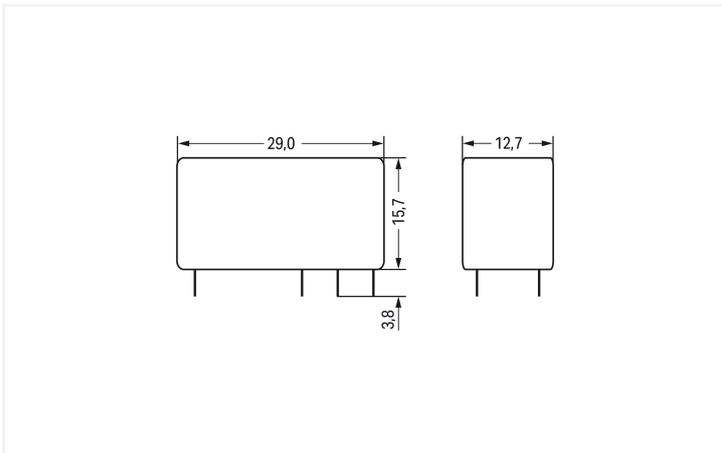
Data Sheet | Item Number: 788-176

Basic relay; Nominal input voltage: 115 VAC; 2 changeover contacts; Limiting continuous current: 8 A; Module width: 13 mm; Module height: 15 mm

<https://www.wago.com/788-176>



DC load limit curve



Dimensions in mm

Technical data

Control circuit

Nominal input voltage U_N	115 VAC
Nominal input current at U_N	15 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	0.185 MJ
Weight	12.3 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	AT
GTIN	4050821867883
Customs tariff number	85364900990

Product Classification

UNSPSC	39122334
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)	d8c50790-66a1-4a29-9a66-bd3b19513141
SCIP notification number (Belgium)	2cb8475a-573c-4f9f-93fa-8ff07e949747
SCIP notification number (Bulgaria)	d60ba03a-96a1-49d3-8fbf-28d971a9e825
SCIP notification number (Czech Republic)	78c223a4-7cbb-42aa-8609-0d1bea2fa79b
SCIP notification number (Denmark)	54864db0-f26f-42aa-ba9f-8c8d88a93eda
SCIP notification number (Finland)	0e2f7cc1-5a96-401b-8600-2ec6387f98b0
SCIP notification number (France)	99a1978c-985e-4b87-94c5-5dc4534d88f8
SCIP notification number (Germany)	972beb0e-cea4-47db-9c6c-5ba64d880812
SCIP notification number (Hungary)	8acaee4c-ccb4-4bd4-85ab-25036884f3ac
SCIP notification number (Italy)	7504a942-da05-4b66-b0de-202f757859ae
SCIP notification number (Netherlands)	ed6870d8-78cf-4ba2-bb50-6dc6fd7bd6ed
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SCIP notification number (Romania)	ea5e1c00-3414-4dac-8ef9-8b6046b23d1a
SCIP notification number (Sweden)	bd3304c9-670d-4162-a500-68cc30c32da3

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 788-176 

Documentation

Bid Text			
788-176	19.02.2019	xml 3.59 KB	↓
788-176	20.02.2019	docx 15.49 KB	↓

CAD/CAE-Data

CAD data
2D/3D Models 788-176 ↓

CAE data
WSCAD Universe 788-176 ↓

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