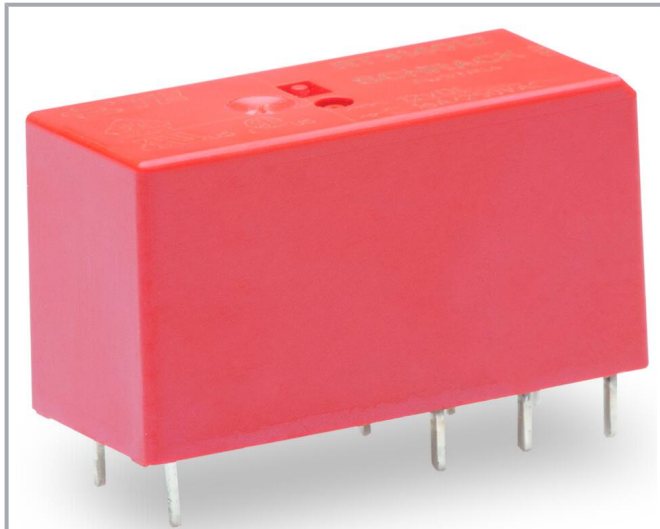


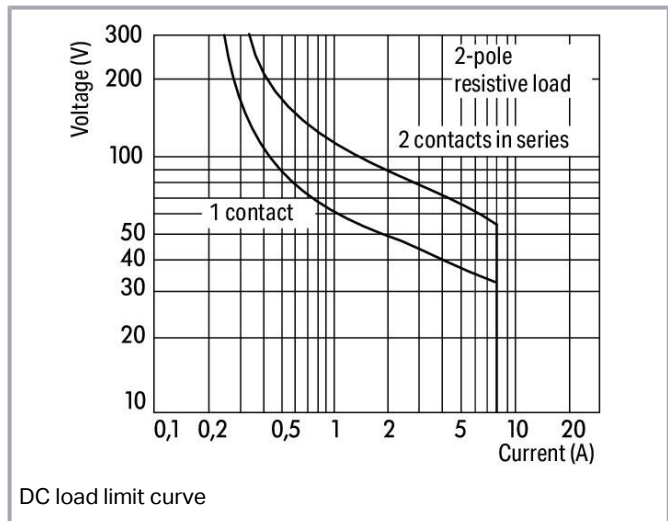
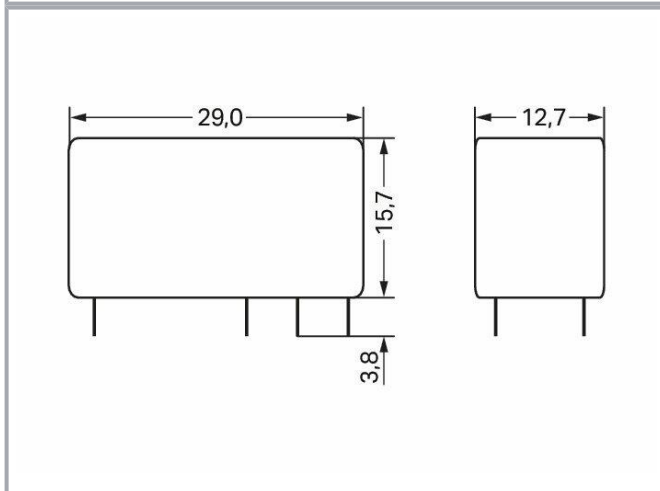
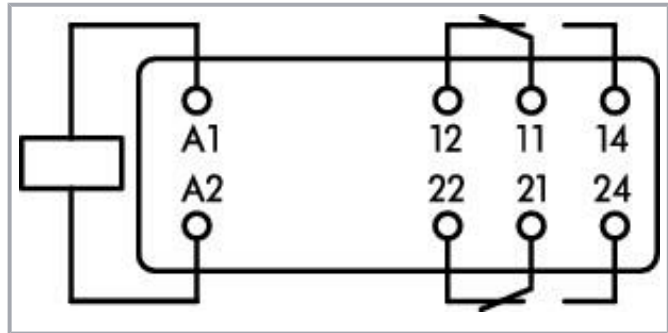
Data sheet | Item number: 788-176

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

www.wago.com/788-176



 Picture differs from the item.



DC load limit curve

Data

Technical data

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

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Control circuit

Nominal input voltage U_N	AC 115 V
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.)	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

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)
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	AT
GTIN	4050821867883
Customs tariff number	85364900990

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-ccbd-4bd4-85ab-25036884f3ac

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

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SCIP notification number (Italy)	7504a942-da05-4b66-b0de-202f757859ae
SCIP notification number (Netherlands)	ed6870d8-78cf-4ba2-bb50-6dc6fd7bd6ed
SCIP notification number (Poland)	520e7188-aaf0-4ce7-ba50-838aab6e2a43
SCIP notification number (Romania)	ea5e1c00-3414-4dac-8ef9-8b6046b23d1a
SCIP notification number (Sweden)	bd3304c9-670d-4162-a500-68cc30c32da3

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

788-176	2019 Feb 20	docx	Download
docx - Datei		15.9 kB	
788-176	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 788-176	URL	Download
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CAD data

2D/3D Models 788-176	URL	Download
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Asset Administration Shell

Asset Administration Shell 788-176	URL	Download
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Subject to changes. Please also observe the further product documentation!

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 788-176	URL	Download
Basic relay; Nominal input voltage: 115 VAC; 2 changeover contacts; Limiting continuous current: 8 A; Module width: 13 mm; Module height: 15 mm		

Installation Notes

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