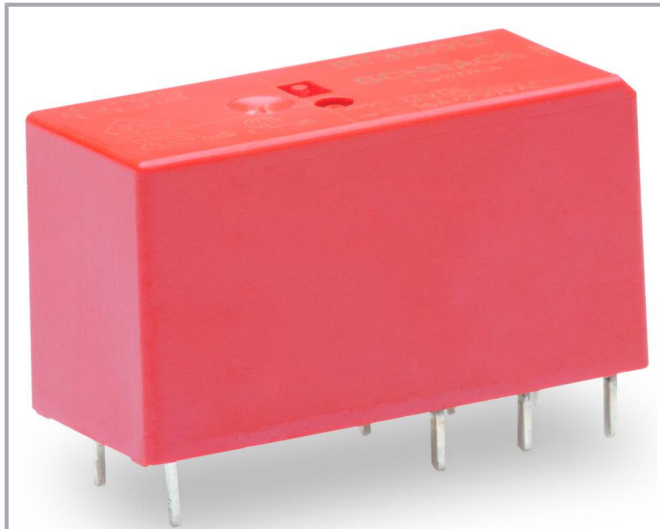


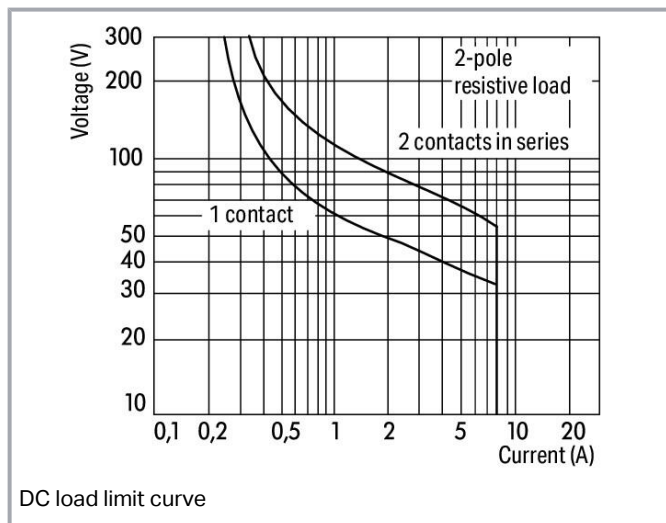
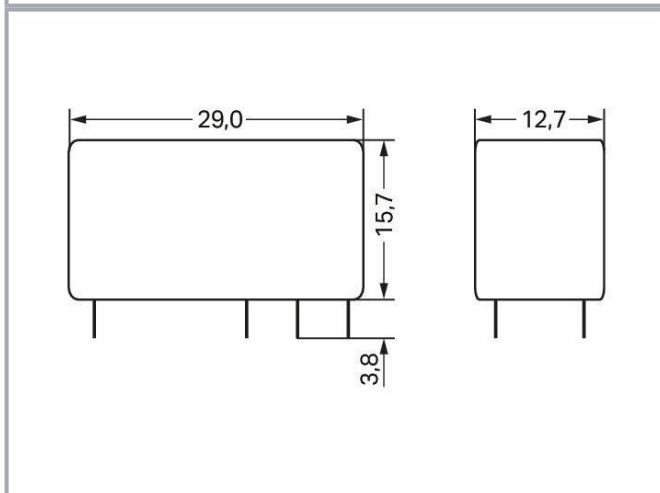
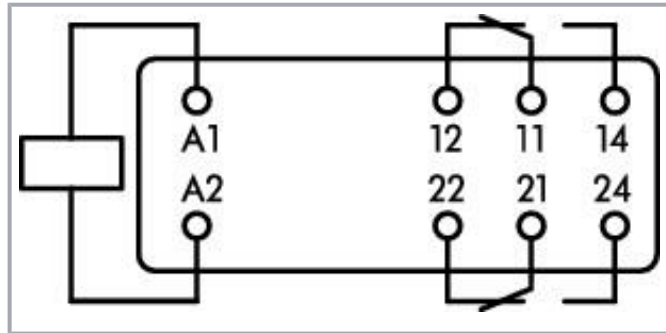
Data sheet | Item number: 788-180

Basic relay; Nominal input voltage: 230 VAC; 2 changeover contacts;
Limiting continuous current: 8 A; Module width: 13 mm; Module height: 15
mm

www.wago.com/788-180



 Picture differs from the item.



Data

Technical data

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

WAGO GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

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Control circuit

Nominal input voltage U_N	AC 230 V
Nominal input current at U_N	8 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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Subject to changes. Please also observe the further product documentation!



Material data

Fire load	0.194 MJ
Weight	12.9 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
ECCN	NO DATA
PU (SPU)	20 pcs
Packaging type	box
Country of origin	DE
GTIN	4050821867920
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)	42ca39fd-429e-489d-af30-b5c2a05c93da
SCIP notification number (Belgium)	31db0a7c-ac58-4b0b-8351-e3fce40969e3
SCIP notification number (Bulgaria)	270661c3-27b8-4e4b-88ab-4dc2f2ac4ec7
SCIP notification number (Czech Republic)	8959a965-5a96-4dd0-bd42-d9c1a53b570c
SCIP notification number (Denmark)	f7ebfe1b-ad59-4f4f-97a9-072c43e4aae0
SCIP notification number (Finland)	74f9c2eb-619a-4ae9-9f3c-7ebdc2f3bddb
SCIP notification number (France)	deefb450-543e-4ffa-8aab-0bc553dd3b27

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SCIP notification number (Germany)	238e1246-552c-4516-a1e6-1a6ad3e687b2
SCIP notification number (Hungary)	dc05eb0b-5c6f-4d3b-b61f-c3b4daf2b11a
SCIP notification number (Italy)	49ae42ad-66ac-4669-8dc8-2251db5f0fbe
SCIP notification number (Netherlands)	a4a3752e-ff44-4326-b8bb-06c0c1a3a5de
SCIP notification number (Poland)	ecc379b3-37ba-4f24-88e6-73c6514ed487
SCIP notification number (Romania)	fc664087-ef1f-43da-88fe-e664f6def4b6
SCIP notification number (Sweden)	25232a5d-eff1-43ae-806e-e106da0cc06a

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

788-180	2019 Feb 20	docx	Download
docx - Datei		15.9 kB	
788-180	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 788-180	URL	Download
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CAD data

2D/3D Models 788-180	URL	Download
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Asset Administration Shell

Asset Administration Shell 788-180	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 788-180	URL	Download
Basic relay; Nominal input voltage: 230 VAC; 2 changeover contacts; Limiting continuous current: 8 A; Module width: 13 mm; Module height: 15 mm		

Installation Notes

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