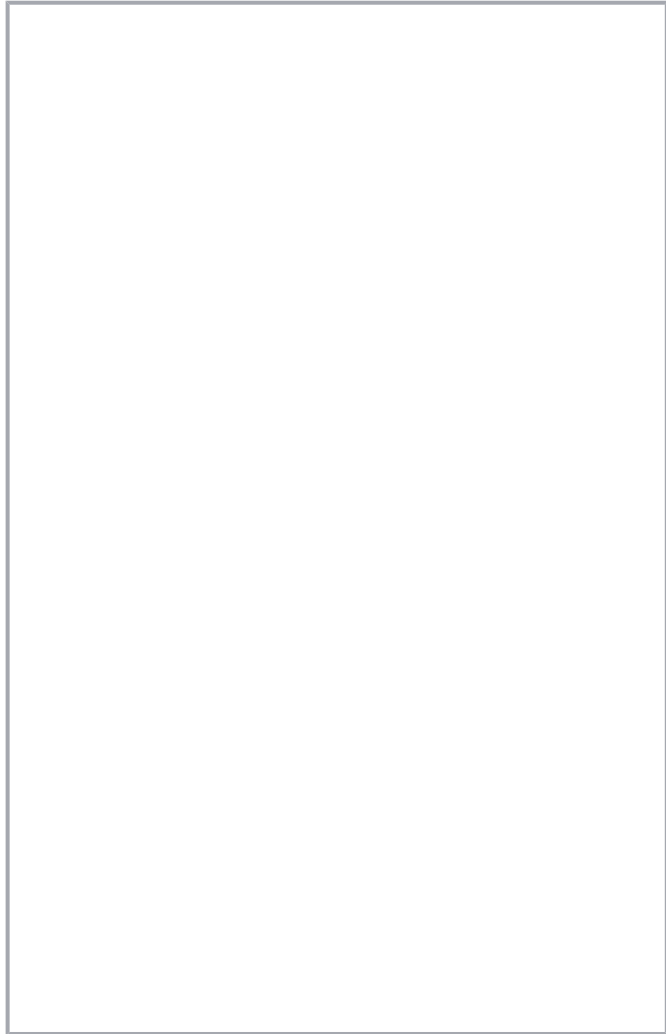
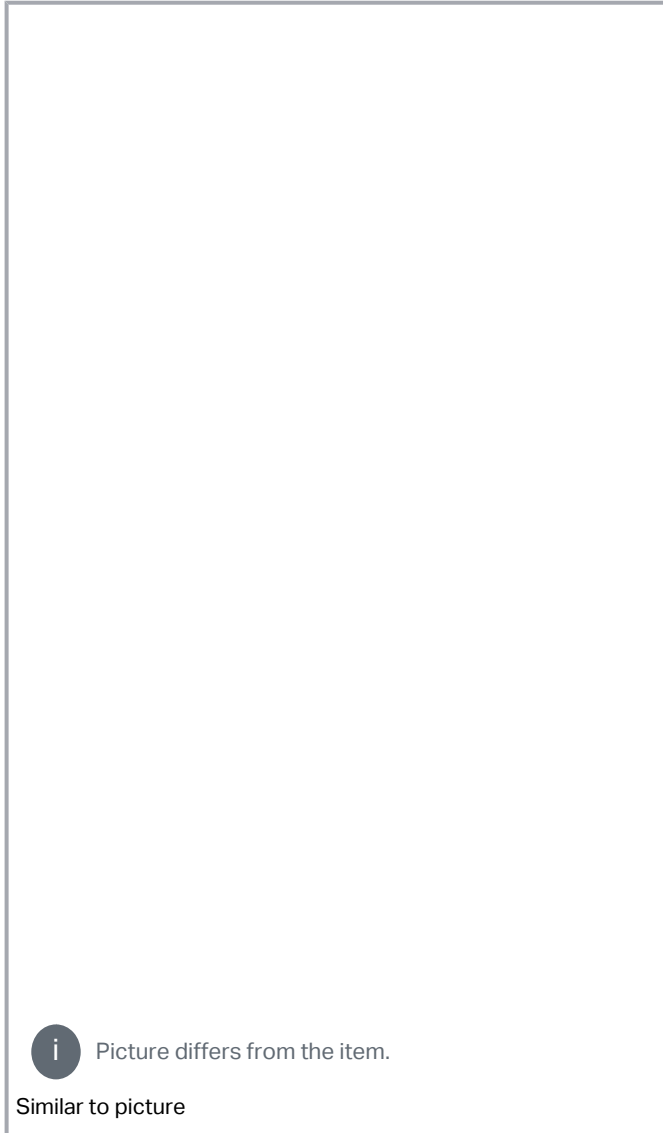


Data sheet | Item number: 788-170

Basic relay; Nominal input voltage: 24 VAC; 1 changeover contact; Limiting continuous current: 16 A; Module width: 13 mm; Module height: 15 mm



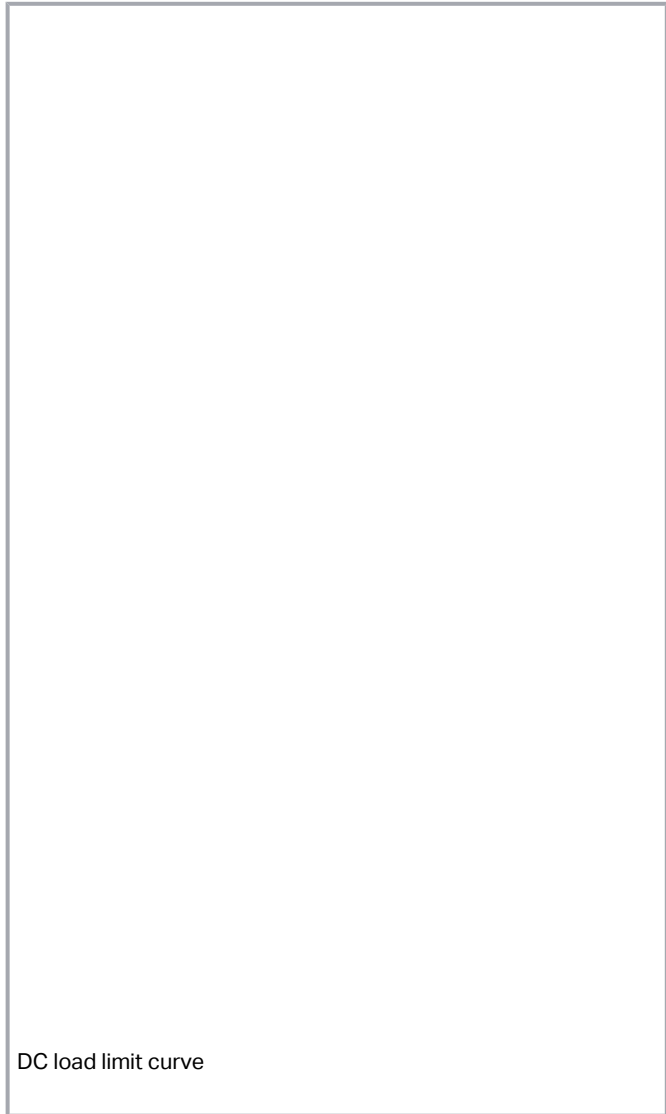
www.wago.com/788-170



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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DC load limit curve

Data

Technical data

Control Circuit

Nominal input voltage U_N	AC 24 V
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Nominal input current at U_N	7 mA
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Subject to changes. Please also observe the further product documentation!

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Load circuit

Number of changeover/switchover contacts	1
Contact material (relay)	AgNi 90/10
Limiting continuous current	16 A
Inrush current (resistive) max.	(AC) 30 A / 4 s
Switching voltage (max.)	AC 250 V
Switching power (resistive) max.	AC 4000 VA; DC (see load limit curve)
Switching capacity	AC-15: 6 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.)	6 ms
Electrical life (NO; resistive load; 23 °C)	30 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
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

Weight	12.5 g
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Environmental requirements

Ambient temperature (operation at U _N)	-40 ... +70 °C
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Subject to changes. Please also observe the further product documentation!



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 8.0	EC001437
ETIM 7.0	EC001437
PU (SPU)	20 pcs
Packaging type	box
Country of origin	AT
GTIN	4050821867852
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)	dff91e61-7cc2-4a32-aacd-d11dbbe5395f
SCIP notification number (Belgium)	c992ca89-2800-4169-ae6a-a53189682977
SCIP notification number (Bulgaria)	c05de5d0-ccf6-4434-858c-42d12e395cbc
SCIP notification number (Czech Republic)	f1d89f99-8c77-49db-aae0-c6af6d44a49e
SCIP notification number (Denmark)	a9053a49-3bec-4eba-91a4-b869ffa42cd7
SCIP notification number (Finland)	ea36caa1-0880-40c2-8721-ccb96aa2301
SCIP notification number (France)	9e1e3c80-5511-4d45-aab9-4d7a88835185
SCIP notification number (Germany)	2448f1cc-e2b2-490d-a607-61305510a516
SCIP notification number (Hungary)	5570253f-c2c5-4830-8137-2f614398e997
SCIP notification number (Italy)	a9da0dcb-dc15-42b8-986d-d420c300a760
SCIP notification number (Netherlands)	795d680a-165b-4385-886d-949cab0fe041
SCIP notification number (Poland)	7a2340c6-b9aa-4878-af10-0cc976615d3a
SCIP notification number (Romania)	79d7aa56-25ab-4247-99ee-ecd63ee9d552
SCIP notification number (Sweden)	08264468-833f-4850-82b7-0eae4f782ba0

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Optional accessories

Sockets

Socket without relay

Item no.: 788-100

Relay socket; 1 changeover contact; for 15 mm basic relays; gray

www.wago.com/788-100

Downloads

Documentation

Bid Text

788-170 docx - Datei	2019 年2月20 日	docx 15.5 kB	Download
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788-170 X81 - Datei	2019 年2月19 日	xml 3.6 kB	Download
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Additional Information

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 2022 年8月18 日	pdf 2.2 MB	Download
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CAD/CAE-Data

CAE data

WSCAD Universe 788-170		URL	Download
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CAD data

2D/3D Models 788-170		URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 788-170 Basic relay; Nominal input voltage: 24 VAC; 1 changeover contact; Limiting continuous current: 16 A; Module width: 13 mm; Module height: 15 mm		URL	Download
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Installation Notes

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