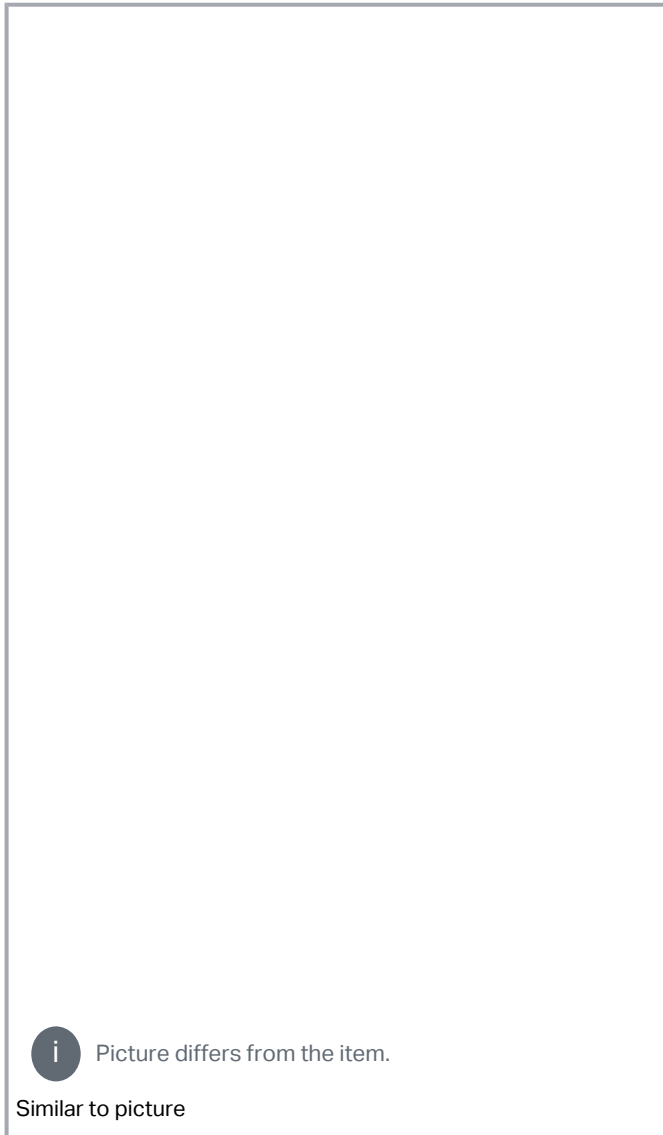


Data sheet | Item number: 788-178

Basic relay; Nominal input voltage: 230 VAC; 1 changeover contact; Limiting continuous current: 16 A; Module width: 13 mm; Module height: 15 mm

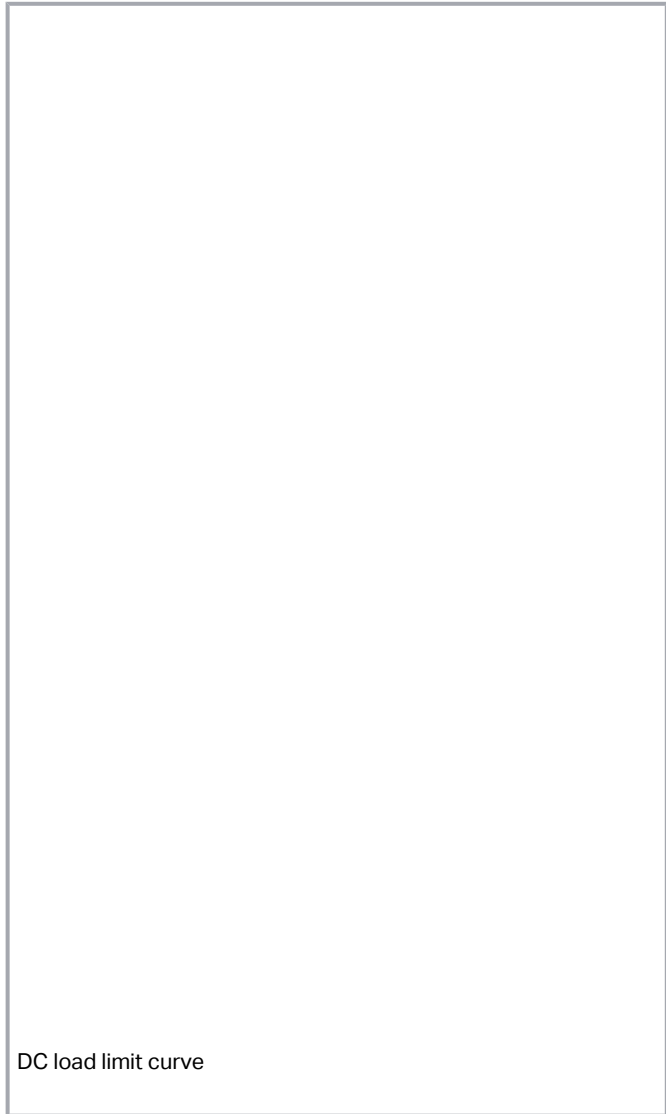
www.wago.com/788-178



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

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Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



DC load limit curve

Data

Technical data

Control Circuit

Nominal input voltage U_N	AC 230 V
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Nominal input current at U_N	8 mA
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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

Fire load	0.198 MJ
Weight	13 g

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



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	4045454300746
Customs tariff number	85364900990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Optional accessories

Sockets

Socket without relay	
Item no.: 788-100	www.wago.com/788-100
Relay socket; 1 changeover contact; for 15 mm basic relays; gray	

Downloads

Documentation

Bid Text

788-178	2019 年2月20 日	docx	Download
docx - Datei		15.6 kB	

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788-178 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 788-178		URL	Download
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CAD data

2D/3D Models 788-178		URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 788-178 Basic relay; Nominal input voltage: 230 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

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