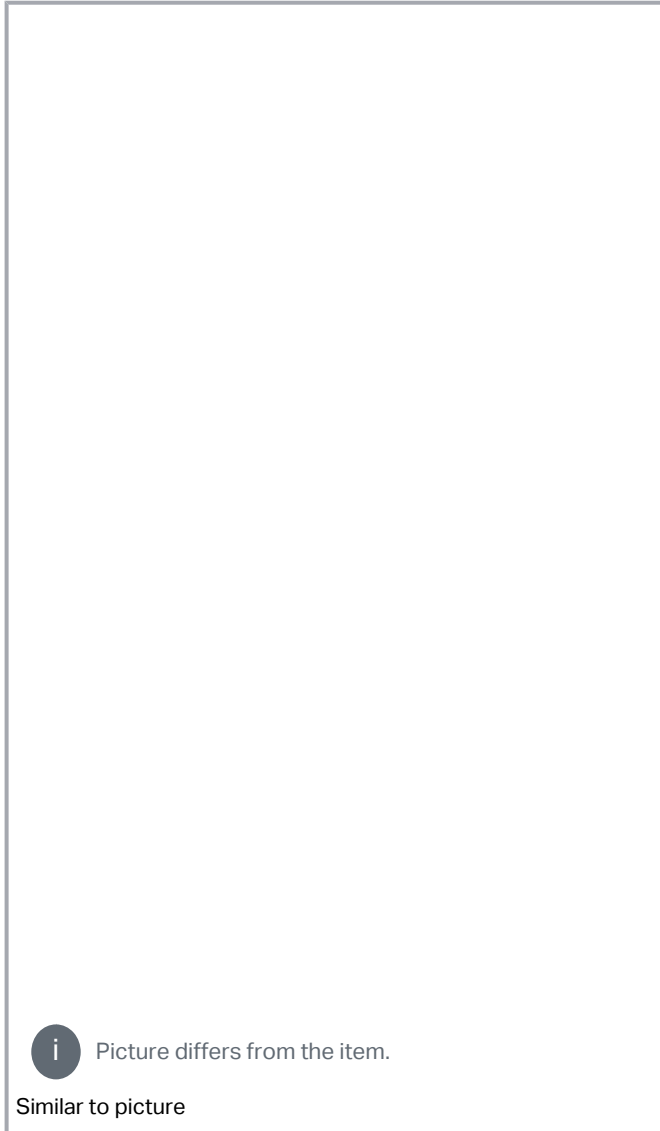


Data sheet | Item number: 788-166

Basic relay; Nominal input voltage: 110 VDC; 1 changeover contact; Limiting continuous current: 16 A; Module width: 13 mm; Module height: 15 mm



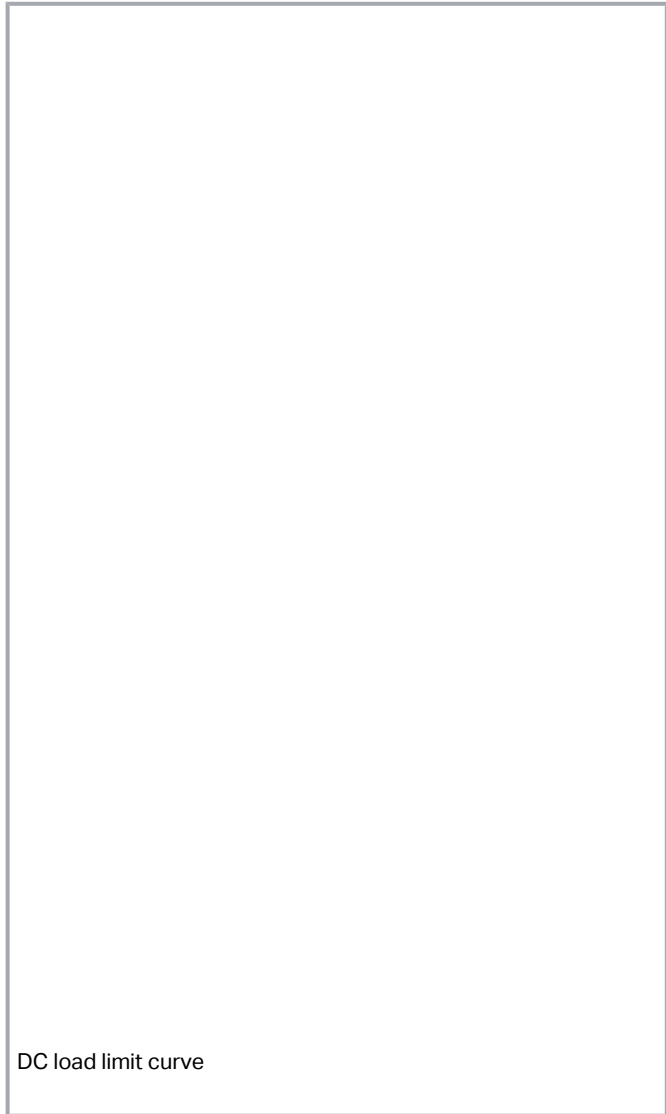
www.wago.com/788-166



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

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



Data

Technical data

Control Circuit

Nominal input voltage U_N	DC 110 V
-----------------------------	----------

Nominal input current at U_N	4 mA
--------------------------------	------

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

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



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
---------------	------------------

Material Data

Weight	13.5 g
--------	--------

Environmental requirements

Ambient temperature (operation at U _N)	-40 ... +85 °C
--	----------------

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	DE
GTIN	4050821867821
Customs tariff number	85364900990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
------------------------	-------------------------

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

788-166	2019 年2月20日	docx	Download
docx - Datei		15.6 kB	
788-166	2019 年2月19日	xml	Download
X81 - Datei		3.6 kB	

Additional Information

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

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



Disposal and Recycling
Electrical and electronic equipment, Batteries, Packaging

V 1.1.0
2022 年8月18 日

pdf
2.2 MB

[Download](#)

CAD/CAE-Data

CAE data

WSCAD Universe 788-166

[URL](#)

[Download](#)

CAD data

2D/3D Models 788-166

[URL](#)

[Download](#)

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 788-166

[URL](#)

[Download](#)

Basic relay; Nominal input voltage: 110 VDC; 1 changeover contact; Limiting continuous current: 16 A; Module width: 13 mm; Module height: 15 mm

Installation Notes

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