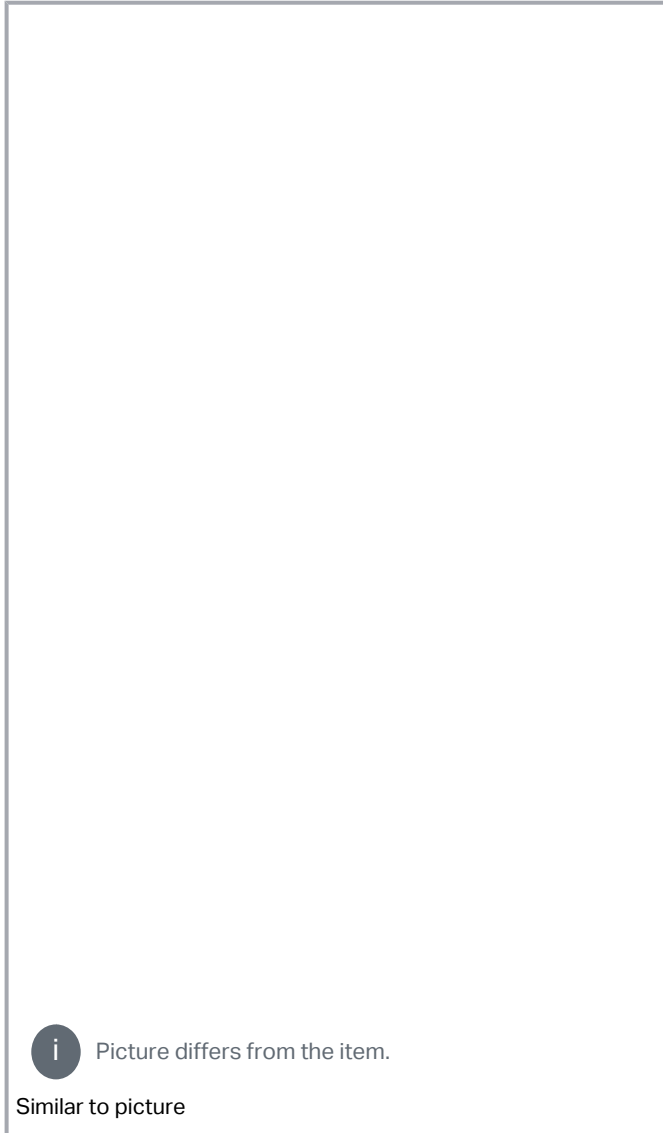


**Data sheet | Item number: 788-164**

Basic relay; Nominal input voltage: 60 VDC; 2 changeover contacts; Limiting continuous current: 8 A; Module width: 13 mm; Module height: 15 mm



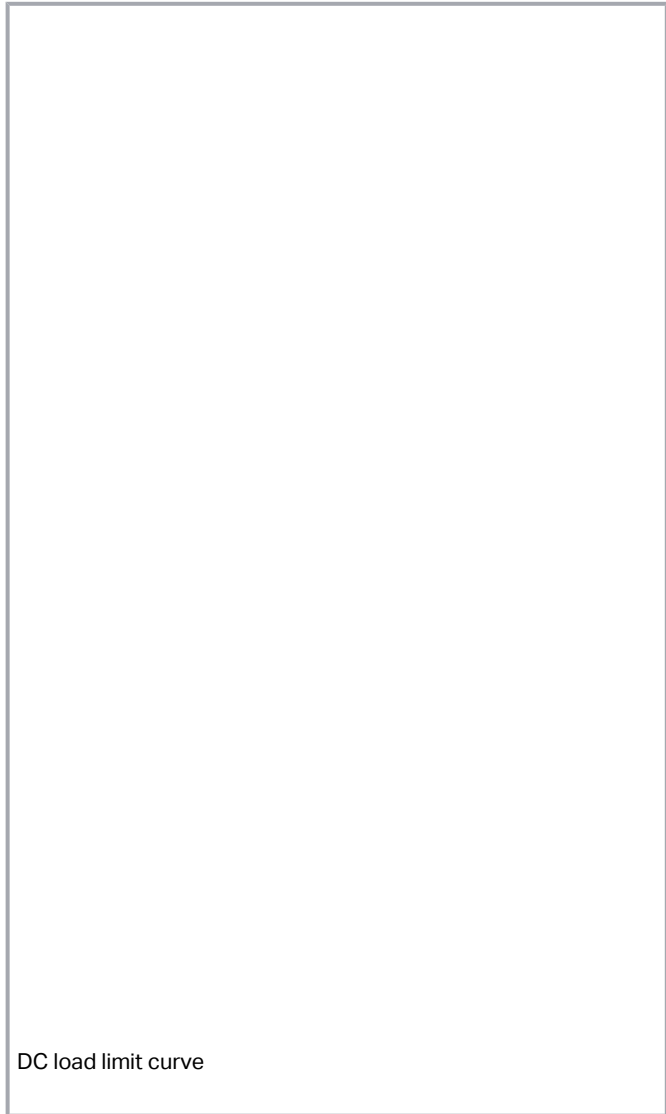
[www.wago.com/788-164](http://www.wago.com/788-164)



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

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## Data

### Technical data

### Control Circuit

Nominal input voltage $U_N$	DC 60 V
Nominal input current at $U_N$	7 mA

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### 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 x 10 <sup>3</sup> switching operations
Mechanical life	30 x 10 <sup>6</sup> switching operations
Switching frequency with/without load (max.)	6 min <sup>-1</sup> / 1200 min <sup>-1</sup>

### 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

Weight	12.9 g
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Subject to changes. Please also observe the further product documentation!



## Environmental requirements

Ambient temperature (operation at $U_N$ )	-40 ... +85 °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
PU (SPU)	20 pcs
Packaging type	box
Country of origin	DE
GTIN	4050821867814
Customs tariff number	85364900990

## Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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## Optional accessories

### Sockets

Socket without relay		
<b>Item no.: 788-102</b>		<a href="http://www.wago.com/788-102">www.wago.com/788-102</a>
Relay socket; 2 changeover contacts; for 15 mm basic relays; gray		

## Downloads

### Documentation

#### Bid Text

788-164	2019 年2月20 日	docx	Download
docx - Datei		15.9 kB	

788-164

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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 788-164		URL	Download
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##### CAD data

2D/3D Models 788-164		URL	Download
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#### Environmental Product Compliance

##### Compliance Search

Environmental Product Compliance 788-164 Basic relay; Nominal input voltage: 60 VDC; 2 changeover contacts; Limiting continuous current: 8 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!