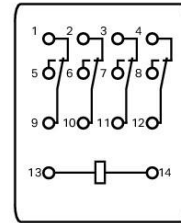
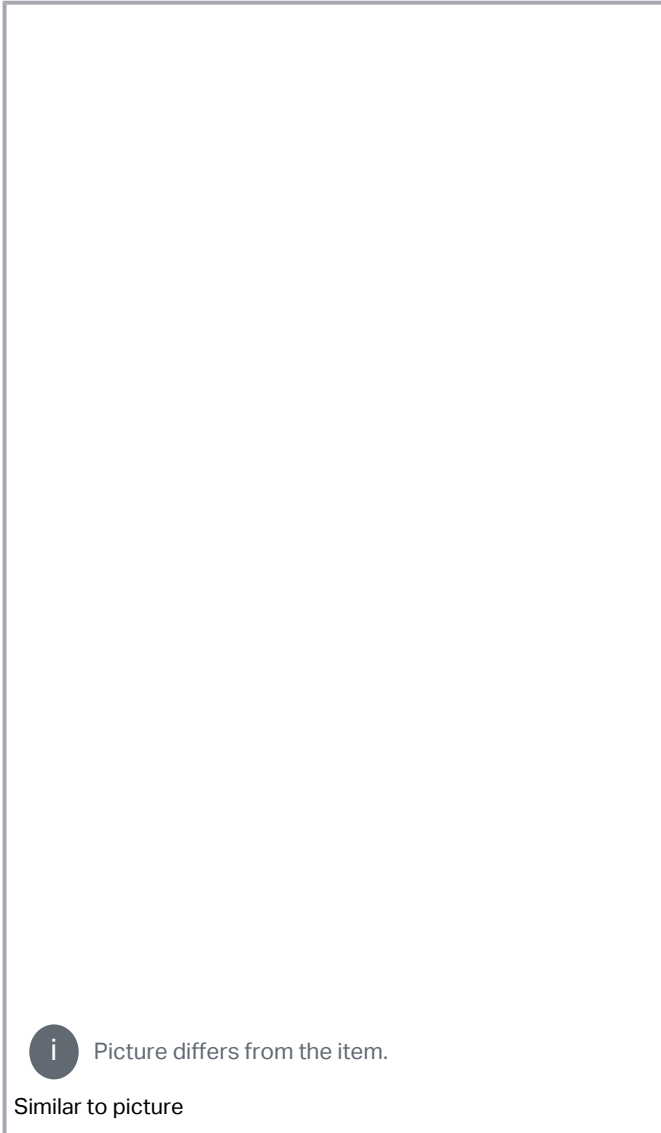


Data sheet | Item number: 858-164

Basic relay; Nominal input voltage: 12 VDC

[www.wago.com/858-164](http://www.wago.com/858-164)



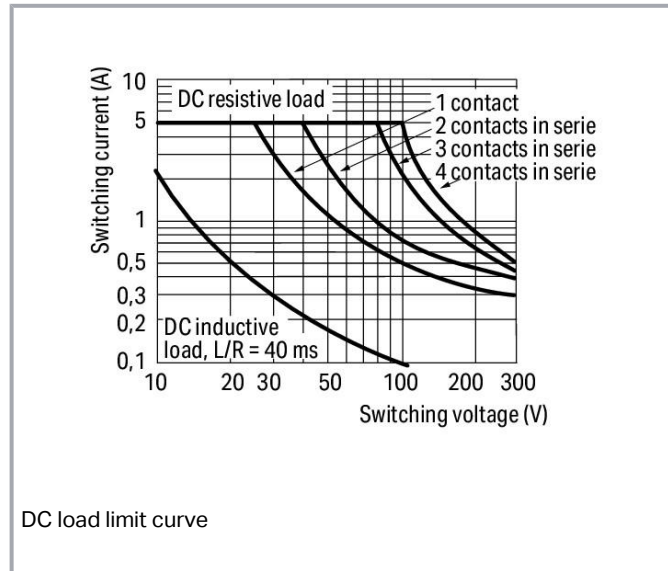
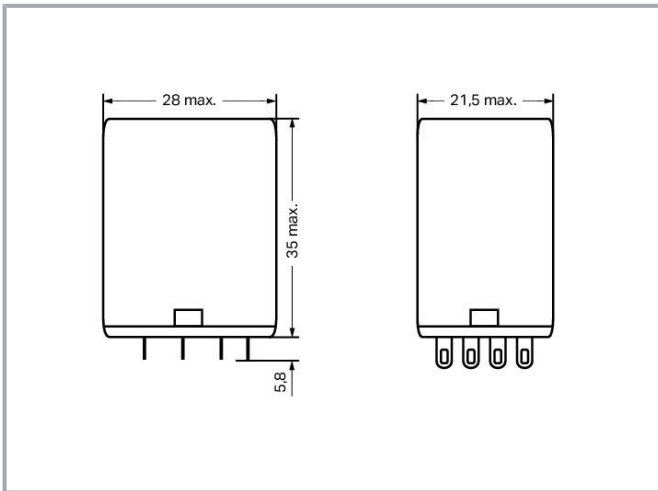
Picture differs from the item.

Similar to picture

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

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We are always happy to take your call at +49 (571) 887-44222.



**Data**

**Technical data**

**Control circuit**

Nominal input voltage $U_N$	DC 12 V
Nominal input current at $U_N$	75 mA

**Load circuit**

Number of changeover/switchover contacts	4
Contact material (relay)	AgCe
Limiting continuous current	5 A
Inrush current (resistive) (max.)	(AC) 15 A / 4 s
Switching voltage (max.)	AC 250 V
Switching power (resistive) (max.)	AC 1250 VA; DC (see load limit curve)
Recommended minimum load	12 V / 100 mA
Pull-in time (typ.)	25 ms
Drop-out time (typ.)	25 ms
Bounce time (typ.)	4 ms
Electrical life (NO; resistive load; 23 °C)	100 x 10 <sup>3</sup> switching operations
Mechanical life	20 x 10 <sup>6</sup> switching operations

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## Signaling

Status indicator	Red LED Mechanical
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## Safety and protection

Dielectric strength, control/load circuit (AC, 1 min)	1.5 kVrms
Dielectric strength, open contact (AC, 1 min)	1 kVrms
Dielectric strength, load/load circuit (AC, 1 min)	1.5 kVrms
Protection type	IP20

## Physical data

Width	21.5 mm / 0.846 inch
Height from the surface	35 mm / 1.378 inch
Depth	28 mm / 1.102 inch

## Mechanical data

Mounting type	Pluggable module
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## Material data

Weight	37 g
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## Environmental requirements

Surrounding air temperature (operation at $U_N$ )	-25 ... 70 °C
Surrounding air temperature (storage)	-40 ... 80 °C

## Standards and specifications

Standards/Specifications	EN 61810-1
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## Commercial data

PU (SPU)	3 Each
Packaging type	box
Country of origin	DE
GTIN	4055143531917
Customs tariff number	85364900990

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

## Optional accessories

### Sockets

Socket without relay



Item no.: 858-100

Relay socket; 4 changeover contacts

[www.wago.com/858-100](http://www.wago.com/858-100)

## Downloads

### Documentation

#### Bid Text

858-164 X81 - Datei	2019. 2. 19.	xml 3.9 kB	Download
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858-164 doc - Datei	2017. 11. 29.	doc 26.6 kB	Download
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#### Additional Information

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf 265.8 kB	Download
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## CAD/CAE-Data

### CAE data

EPLAN Data Portal 858-164	URL	Download
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WSCAD Universe 858-164	URL	Download
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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 858-164 Basic relay; Nominal input voltage: 12 VDC	URL	Download
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## Installation Notes

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