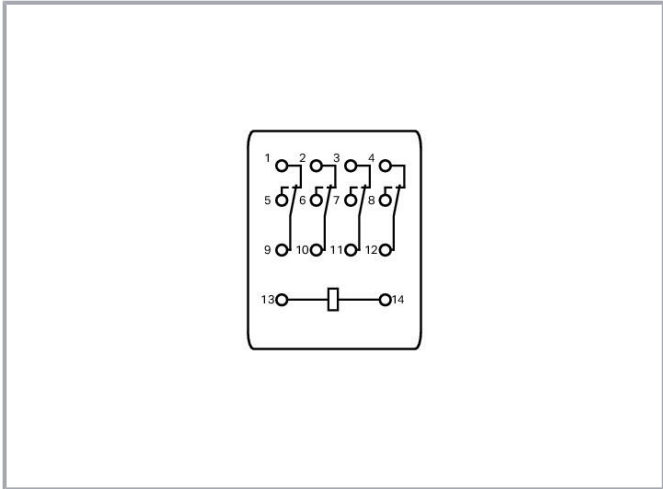


Data sheet | Item number: 858-158

Basic relay; Nominal input voltage: 120 VAC; 4 changeover contacts;
Limiting continuous current: 5 A; with manual operation

www.wago.com/858-158



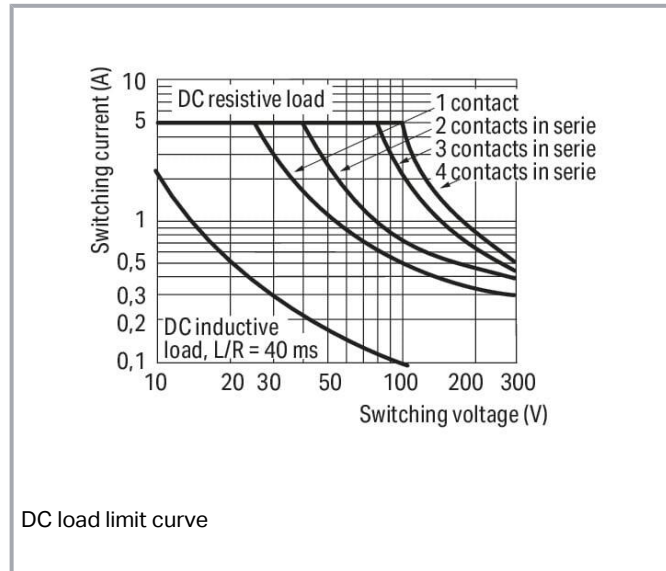
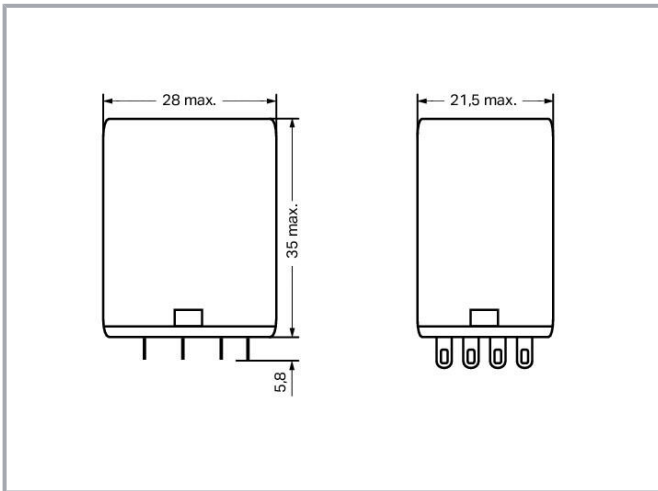
i Picture differs from the item.

Similar to picture

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.



Data

Technical data

Control Circuit

Nominal input voltage U_N	AC 120 V
Nominal input current at U_N	10 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 ³ switching operations
Mechanical life	20 x 10 ⁶ switching operations

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



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 inches
Height from the surface	35 mm / 1.378 inches
Depth	28 mm / 1.102 inches

Mechanical data

Mounting type	Pluggable module
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Material Data

Weight	34.2 g
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Environmental requirements

Ambient temperature (operation at U_N)	-25 ... +70 °C
Ambient temperature (storage)	-40 ... +80 °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)	3 pcs

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

Packaging type	box
Country of origin	CN
GTIN	4055143532044
Customs tariff number	85364190890

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Optional accessories

Sockets

Socket without relay



Item no.: 858-100
Relay socket; 4 changeover contacts

www.wago.com/858-100

Downloads

Documentation

Bid Text

858-158 X81 - Datei	2019 Feb 19	xml 4.1 kB	Download
858-158 doc - Datei	2018 Nov 29	doc 25.6 kB	Download

Additional Information

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

CAE data

EPLAN Data Portal 858-158	URL	Download
WSCAD Universe 858-158	URL	Download
ZUKEN Portal 858-158	URL	Download

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CAD data

	URL	Download
2D/3D Models 858-158		

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 858-158	URL	Download
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Basic relay; Nominal input voltage: 120 VAC; 4 changeover contacts; Limiting continuous current: 5 A; with manual operation

Installation Notes

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