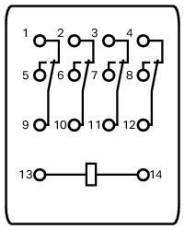
Data sheet | Item number: 858-166

Basic relay; Nominal input voltage: 220 VDC; 4 changeover contacts; Limiting continuous current: 5 A; with manual operation; Module width: 22 mm

www.wago.com/858-166



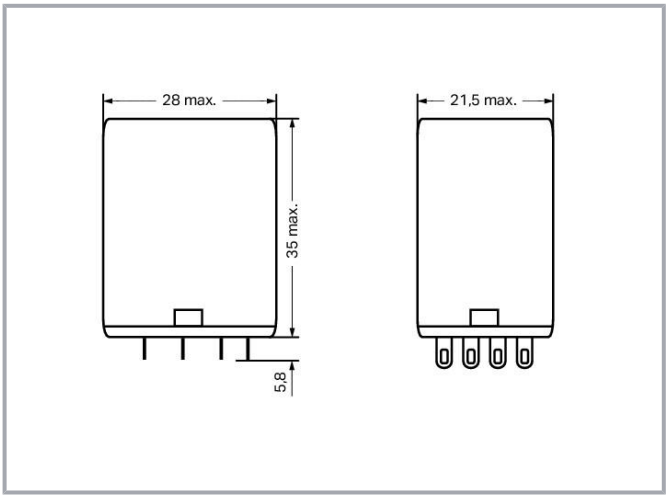
Picture differs from the item.

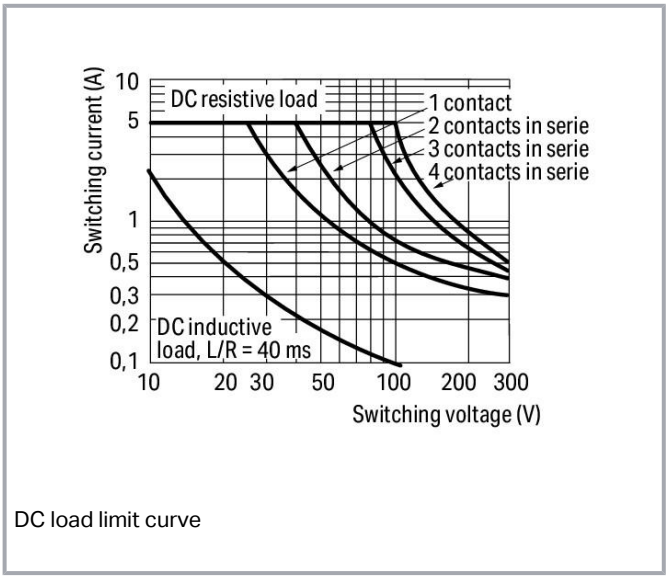
Similar to picture

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

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DC load limit curve

Data

Technical data

Control circuit

Nominal input voltage U_N	DC 220 V
Nominal input current at U_N	4.1 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

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Signaling

Status indicator	Red LED Mechanical

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

Material data

Weight	30.9 g

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

Commercial data

PU (SPU)	3 Each
Packaging type	box
Country of origin	DE
GTIN	4055143693301
Customs tariff number	85364900990

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Downloads

Documentation

Additional Information

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf 265.8 kB	Download

CAD/CAE-Data

CAD data

2D/3D Models 858-166	URL	Download

CAE data

ZUKEN Portal 858-166	URL	Download
EPLAN Data Portal 858-166	URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 858-166 Basic relay; Nominal input voltage: 220 VDC; 4 changeover contacts; Limiting continuous current: 5 A; with manual operation; Module width: 22 mm	URL	Download

Installation Notes

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