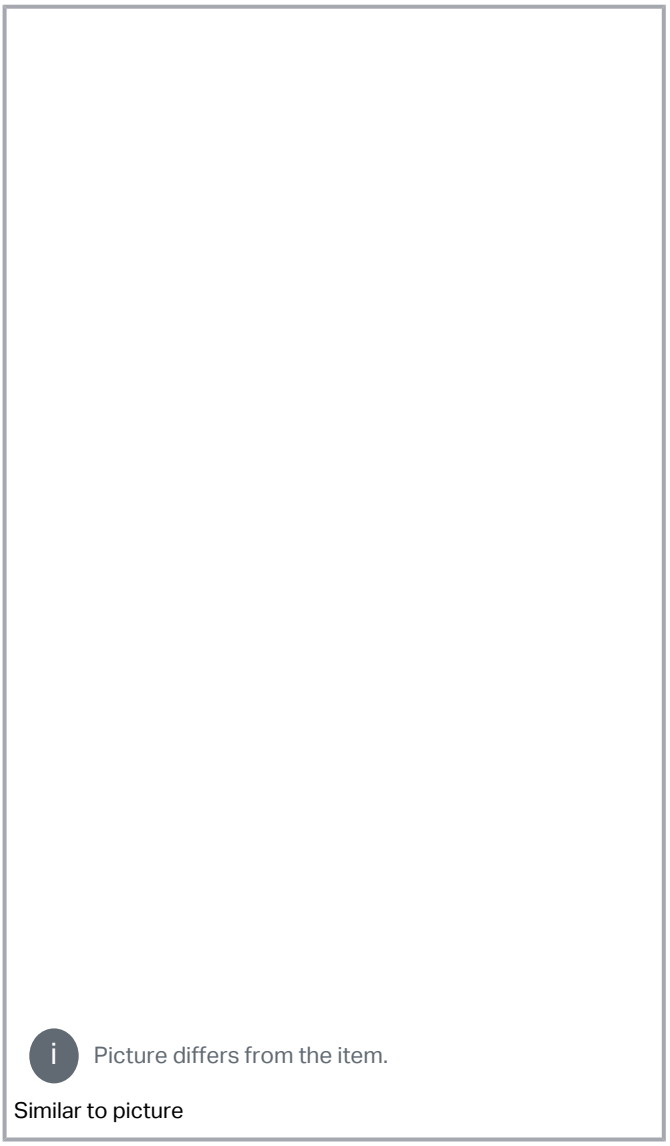
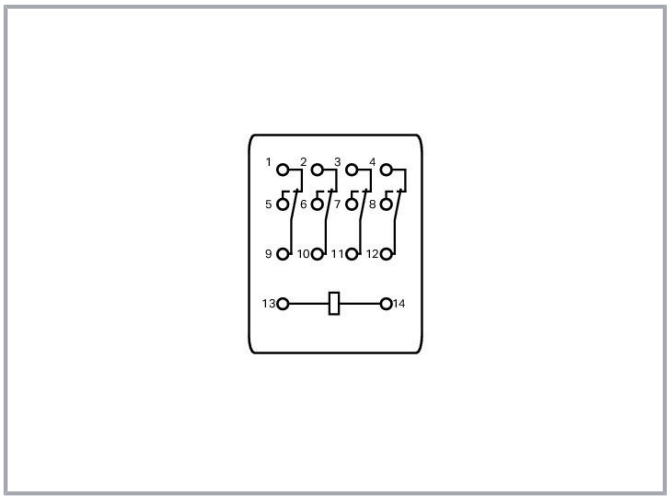
Basic relay; Nominal input voltage: 24 VDC; 4 changeover contacts; Limiting continuous current: 5 A; with manual operation; Module width: 22 mm

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Picture differs from the item.

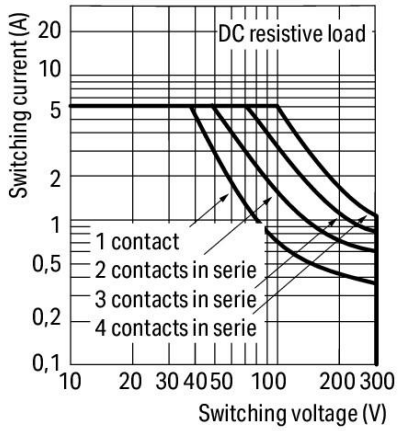
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Subject to changes. Please also observe the further product documentation!

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DC load limit curve

Data

Technical data

Control circuit

Nominal input voltage U_N	DC 24 V
Nominal input current at U_N	31.5 mA

Load circuit

Number of changeover/switchover contacts	4
Contact material (relay)	AgNi 90/10
Limiting continuous current	6 A
Inrush current (resistive) (max.)	(AC) 12 A / 0.02 s
Switching voltage (max.)	AC 250 V
Switching power (resistive) (max.)	AC 1440 VA; DC (see load limit curve)
Recommended minimum load	12 V / 10 mA
Pull-in time (typ.)	15 ms
Drop-out time (typ.)	18 ms
Bounce time (typ.)	8 ms
Electrical life (NO; resistive load; 23 °C)	100 x 10^3 switching operations
Mechanical life	30 x 10^6 switching operations
Switching frequency with/without load (max.)	

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	6 min^{-1} / 60 min^{-1}

Signaling

Status indicator	Red LED Mechanical

Safety and protection

Dielectric strength, control/load circuit (AC, 1 min)	2.5 kVrms
Dielectric strength, open contact (AC, 1 min)	1.2 kVrms
Dielectric strength, load/load circuit (AC, 1 min)	2 kVrms
Protection type	IP20

Physical data

Width	21.5 mm / 0.846 inch
Depth	28 mm / 1.102 inch

Mechanical data

Mounting type	Pluggable module

Material data

Weight	28.7 g

Environmental requirements

Surrounding air temperature (operation at U_N)	-40 … 70 °C
Surrounding air temperature (storage)	-40 … 85 °C

Standards and specifications

Standards/Specifications	EN 61810-1

Commercial data

PU (SPU)	3 Each
Packaging type	box
Country of origin	DE
GTIN	4055143693318
Customs tariff number	85364900990

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Documentation

Bid Text

858-159 docx - Datei	2020. 8. 24.	docx 14.8 kB	Download
858-159 X81 - Datei	2020. 8. 24.	xml 4.6 kB	Download

Additional Information

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

CAD/CAE-Data

CAE data

ZUKEN Portal 858-159	URL	Download
EPLAN Data Portal 858-159	URL	Download

CAD data

2D/3D Models 858-159	URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 858-159 Basic relay; Nominal input voltage: 24 VDC; 4 changeover contacts; Limiting continuous current: 5 A; with manual operation; Module width: 22 mm	URL	Download

Installation Notes

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