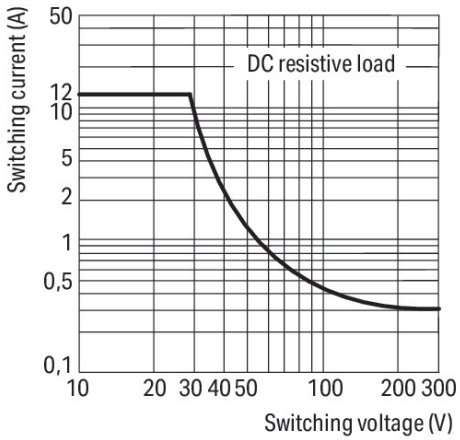
Data Sheet | Item Number: 858-181

Basic relay; Nominal input voltage: 24 VDC; 2 changeover contacts; Limiting continuous current: 12 A; with manual operation; Module width: 22 mm; Module height: 35mm

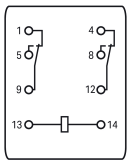
https://www.wago.com/858-181

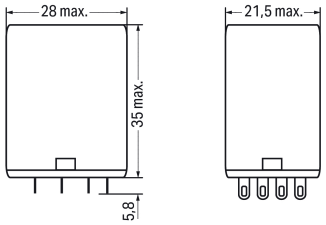


Similar to illustration



DC load limit curve





Dimensions in mm

Technical data

Control circuit

Nominal input voltage U_N	24 VDC
Nominal input current at U_N	38 mA

Load circuit

Number of changeover/switchover contacts	2
Contact material (relay)	AgNi
Limiting continuous current	12 A
Inrush current (resistive) max.	(AC) 24 A / 4 s
Switching Voltage, Max.	250 VAC
Switching power (resistive) max.	AC 3000 VA; DC (see load limit curve)
Utilization category	AC-15: 1.5 A / 240 VAC DC-13: 0.1 A / 250 VDC
Recommended minimum load	10 V / 5 mA / 300 mW
Pull-in time (typ.)	13 ms
Drop-out time (typ.)	3 ms
Electrical life (NO; resistive load; 23 °C)	100 x 10^3 switching operations
Mechanical life	20 x 10^6 switching operations
Switching frequency with/without load (max.)	20 min^{-1} / 200 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)	1.5 kVrms
Dielectric strength (load/load circuit) (AC, 1 min)	2.5 kVrms
Protection type	IP20

Physical data

Width	21.2 mm / 0.835 inches
Height from the surface	35.6 mm / 1.402 inches
Depth	27.5 mm / 1.083 inches

Mechanical data

Mounting type	Pluggable module

Material data

Note (material data)	Information on material specifications can be found here
Weight	32.9 g

Environmental requirements

Ambient temperature (operation at U_N)	-40 … +70 °C
Ambient temperature (storage)	-40 … +85 °C

Standards and Specifications

Standards/specifications	EN 61810-1

Commercial data

PU (SPU)	3 pcs
Packaging type	Box
Country of origin	DE
GTIN	4055143693295
Customs tariff number	85364900990

Product Classification

UNSPSC	39122334
eCl@ss 10.0	27-37-16-01
eCl@ss 9.0	27-37-16-01
ETIM 9.0	EC001437
ETIM 10.0	EC001437
ECCN	NO US CLASSIFICATION

Continued on next page

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 858-181

Documentation

Additional Information

858-181	24.08.2020	xml 4.67 KB
858-181	24.08.2020	docx 14.35 KB

CAD/CAE-Data

CAD data

2D/3D Models 858-181

CAE data

EPLAN Data Portal 858-181

ZUKEN Portal 858-181