

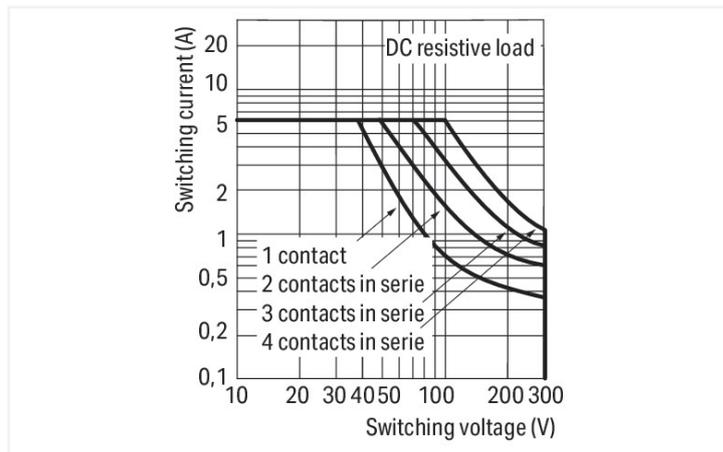
## Data Sheet | Item Number: 858-159

Basic relay; Nominal input voltage: 24 VDC; 4 changeover contacts; Limiting continuous current: 6 A; with manual operation; Module width: 22 mm; Module height: 29 mm

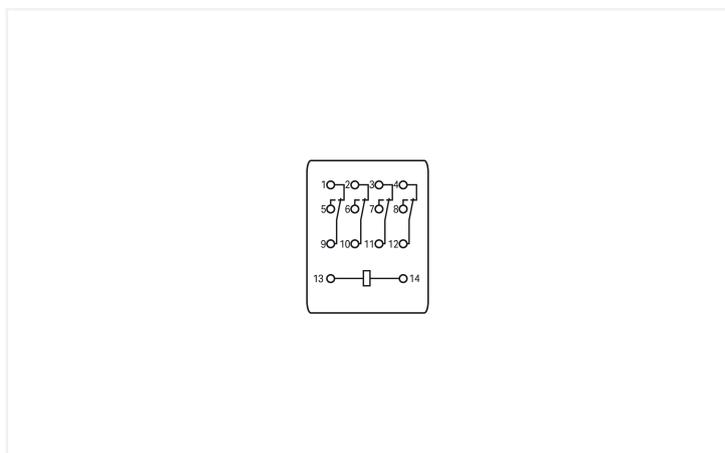
<https://www.wago.com/858-159>



Similar to illustration



DC load limit curve



### Technical data

#### Control circuit

Nominal input voltage $U_N$	24 VDC
Nominal input current at $U_N$	32 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.	250 VAC
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 <sup>3</sup> switching operations
Mechanical life	30 x 10 <sup>6</sup> switching operations
Switching frequency with/without load (max.)	6 min <sup>-1</sup> / 60 min <sup>-1</sup>

### Signaling

Status indicator	Red LED Mechanical
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### 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 inches
Depth	28 mm / 1.102 inches

### Mechanical data

Mounting type	Pluggable module
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### Material data

Note (material data)	<a href="#">Information on material specifications can be found here</a>
Fire load	0 MJ
Weight	28.7 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
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### Commercial data

PU (SPU)	3 pcs
Packaging type	Box
Country of origin	DE
GTIN	4055143693318
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

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

### Downloads

#### Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 858-159	

### Documentation

Additional Information			
858-159	24.08.2020	xml 4.54 KB	
858-159	24.08.2020	docx 14.41 KB	

### CAD/CAE-Data

CAD data	
2D/3D Models 858-159	

CAE data	
EPLAN Data Portal 858-159	
ZUKEN Portal 858-159	

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

Current addresses can be found at: [www.wago.com](https://www.wago.com)