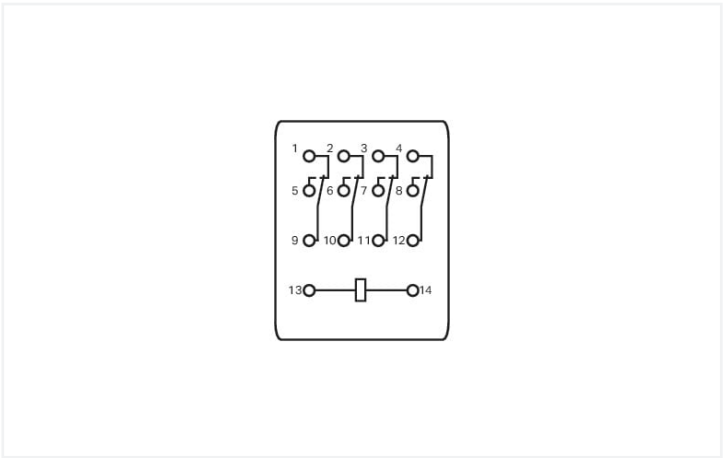


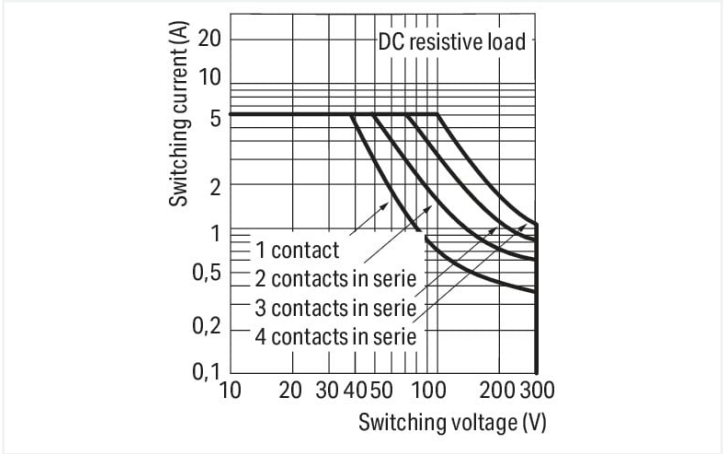
Data Sheet | Item Number: 858-159

Basic relay; Nominal input voltage: 24 VDC; 4 changeover contacts; Limiting continuous current: 5 A; with manual operation; Module width: 22 mm; Module height: 35mm

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



Similar to illustration



DC load limit curve

Technical data			
Control circuit		Load circuit	
Nominal input voltage U_N	DC 24 V	Number of changeover/switchover contacts	4
Nominal input current at U_N	32 mA	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.)	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 inches
Depth	28 mm / 1.102 inches

Mechanical data	
Mounting type	Pluggable module

Material data	
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

Commercial data	
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
Packaging type	Box
Country of origin	DE
GTIN	4055143693318
Customs tariff number	85364900990

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	CAE data
2D/3D Models 858-159	EPLAN Data Portal 858-159
↓	↓
	ZUKEN Portal 858-159
	↓