

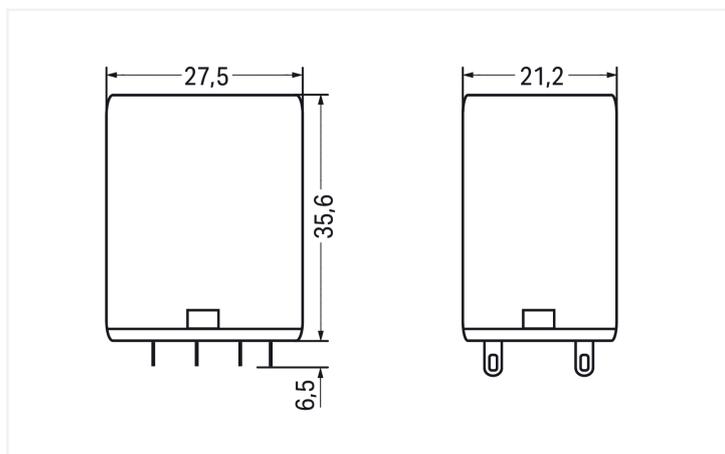
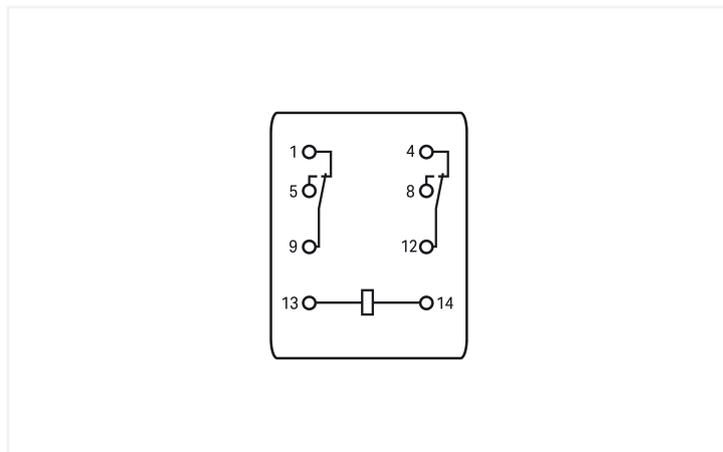
Data Sheet | Item Number: 858-189

Basic relay; Nominal input voltage: 230 VAC; 2 changeover contacts; Limiting continuous current: 12 A; with manual operation; Module width: 22 mm; Module height: 35mm

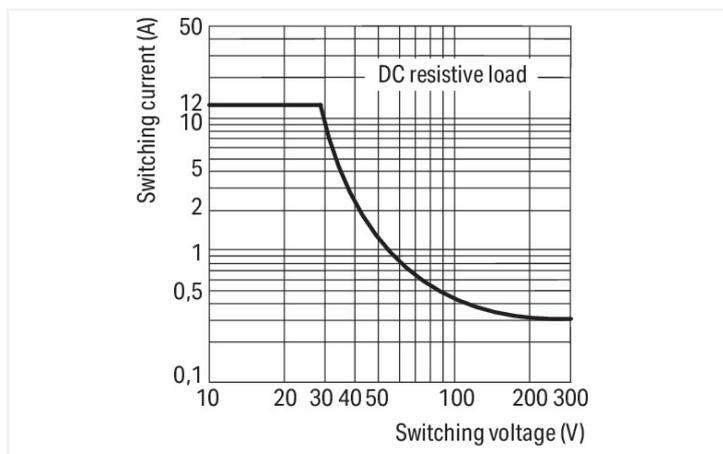
<https://www.wago.com/858-189>



Similar to illustration



Dimensions in mm



DC load limit curve

Technical data

Control circuit

Nominal input voltage U_N	230 VAC
Nominal input current at U_N	11 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)
Switching capacity	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.)	10 ms
Drop-out time (typ.)	8 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
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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)	1.5 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
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Material data

Note (material data)	Information on material specifications can be found here
Fire load	0 MJ
Weight	31.5 g

Environmental requirements

Ambient temperature (operation at U_N)	-40 ... +55 °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	4055143693264
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 8.0	EC001437
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Downloads

Environmental Product Compliance

Compliance Search			
Environmental Product Compliance 858-189			

Documentation

Additional Information			
858-189	24.08.2020	xml 4.67 KB	
858-189	24.08.2020	docx 14.57 KB	

CAD/CAE-Data

CAD data			
2D/3D Models 858-189			

CAE data			
EPLAN Data Portal 858-189			
ZUKEN Portal 858-189			