

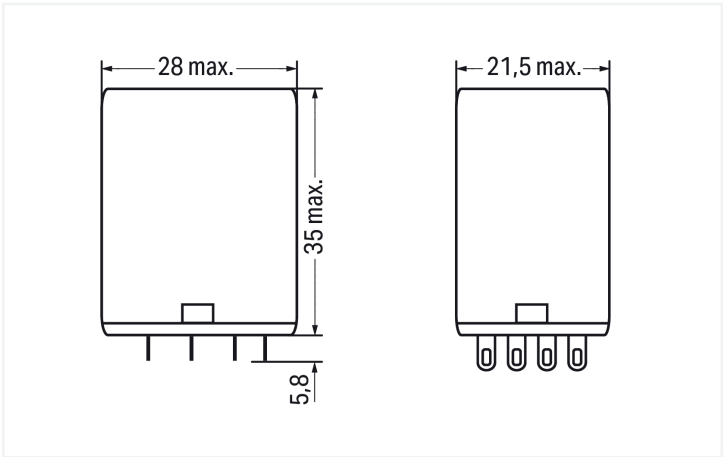
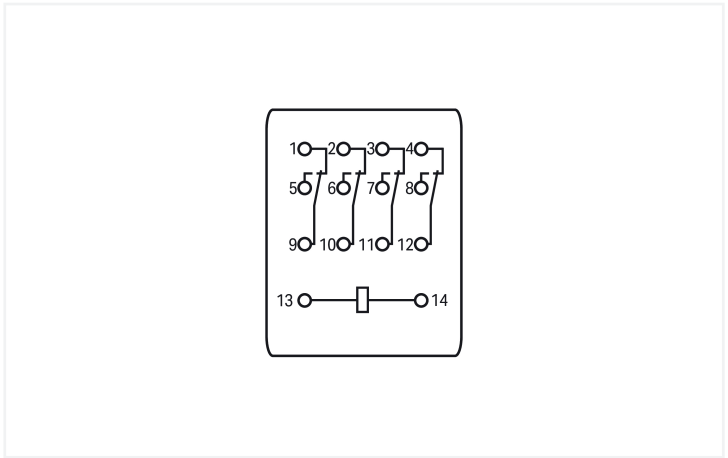
Data Sheet | Item Number: 858-161

Basic relay; Nominal input voltage: 48 VDC; 4 changeover contacts; Limiting continuous current: 5 A; with manual operation; Module width: 22 mm; Module height: 35mm

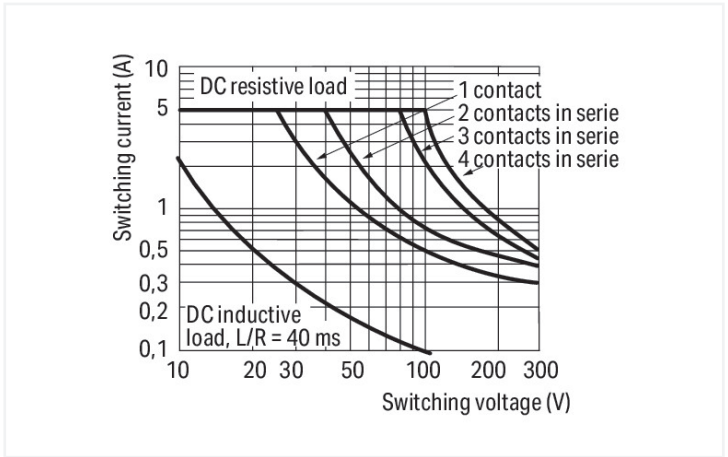
<https://www.wago.com/858-161>



Similar to illustration



Dimensions in mm



DC load limit curve

Technical data			
Control circuit		Load circuit	
Nominal input voltage U_N	48 VDC	Number of changeover/switchover contacts	4
Nominal input current at U_N	19 mA	Contact material (relay)	AgCe
		Limiting continuous current	5 A
		Inrush current (resistive) max.	(AC) 15 A / 4 s
		Switching Voltage, Max.	250 VAC
		Switching power (resistive) max.	AC 1250 VA; DC (see load limit curve)
		Recommended minimum load	12 V / 100 mA
		Pull-in time (typ.)	25 ms
		Drop-out time (typ.)	25 ms
		Bounce time (typ.)	4 ms
		Electrical life (NO; resistive load; 23 °C)	100 x 10 ³ switching operations
		Mechanical life	20 x 10 ⁶ switching operations



Signaling	
Status indicator	Red LED Mechanical

Safety and protection	
Dielectric strength (control/load circuit) (AC, 1 min)	1.5 kVrms
Dielectric strength (open contact) (AC, 1 min)	1 kVrms
Dielectric strength (load/load circuit) (AC, 1 min)	1.5 kVrms
Protection type	IP20

Physical data	
Width	21.5 mm / 0.846 inches
Height from the surface	35 mm / 1.378 inches
Depth	28 mm / 1.102 inches

Mechanical data	
Mounting type	Pluggable module

Material data	
Note (material data)	Information on material specifications can be found here
Fire load	0 MJ
Weight	34.2 g

Environmental requirements	
Ambient temperature (operation at U _N)	-25 ... +70 °C
Ambient temperature (storage)	-40 ... +80 °C

Standards and specifications	
Standards/specifications	EN 61810-1

Commercial data	
Product Group	6 (INTERFACE ELECTRONIC)
PU (SPU)	3 pcs
Packaging type	Box
Country of origin	CN
GTIN	4055143531986
Customs tariff number	85364900990

Product Classification	
UNSPSC	39122325
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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 858-161

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Documentation				
Bid Text				
858-161	29.11.2018	doc	25.00 KB	↓
858-161	19.02.2019	xml	3.99 KB	↓

CAD/CAE-Data	
CAD data 2D/3D Models 858-161 ↓	CAE data EPLAN Data Portal 858-161 ↓ WSCAD Universe 858-161 ↓

- 1 Compatible Products
- 1.1 Optional Accessories
- 1.1.1 Socket
- 1.1.1.1 Socket without relay



Item No.: 858-100
Relay socket; 4 changeover contacts

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