

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



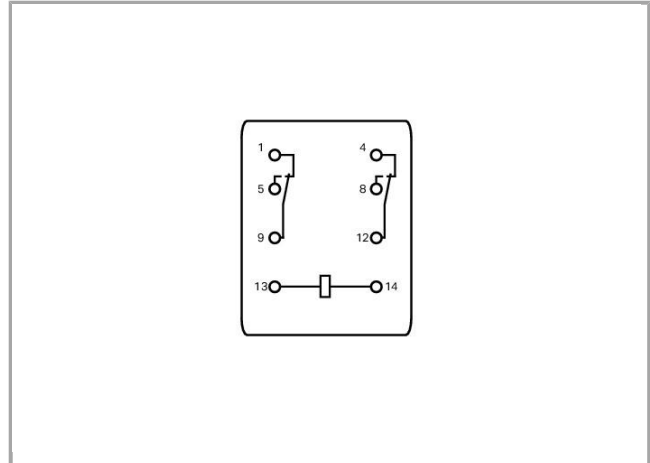
858-181

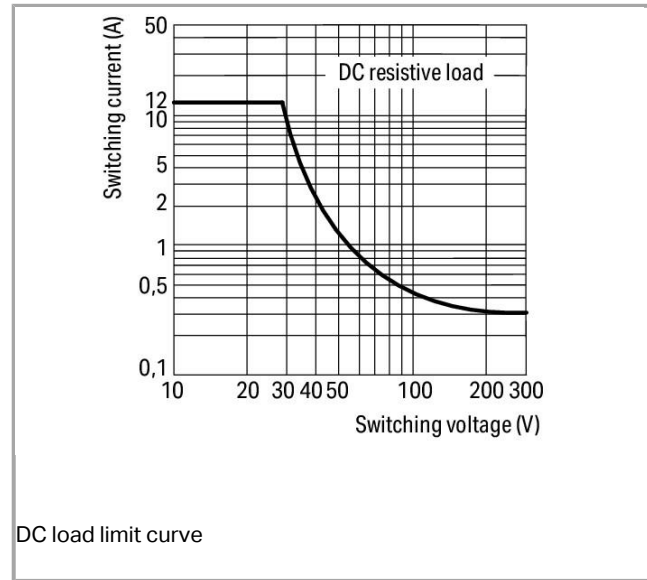
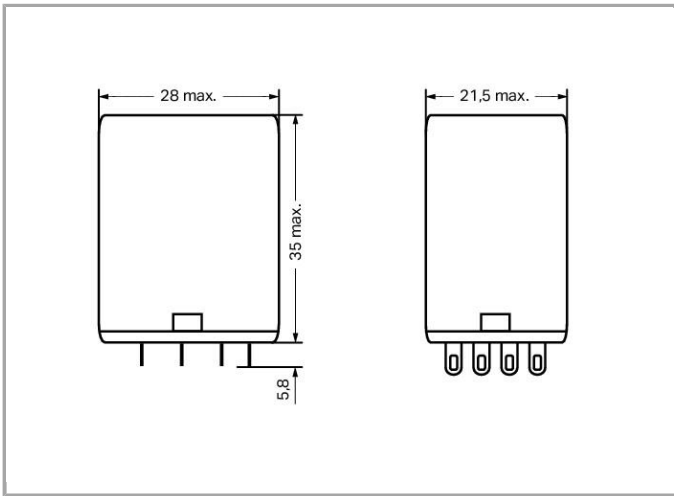


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Data

Technical Data

Control circuit

Nominal input voltage U_N	DC 24 V
Nominal input current at U_N	37.5 mA

Load circuit:

Number of changeover/switchover contacts	2
Contact material (relay)	AgNi
Limiting continuous current	12 A
Max. make current (resistive)	(AC) 24 A / 4 s
Max. switching voltage	AC 250 V
Max. switching power (resistive)	AC 3000 VA; DC see load limit curve
Switching capacity	AC-15: 1.5 A / AC 240 V; DC-13: 0.1 A / DC 250 V
Recommended minimum load	10 V / 5 mA / 300 mW
Pull-in time (typ.)	13 ms
Drop-out time (typ.)	3 ms
Electrical life (N.O.; resistive load; 23 °C)	100×10^3 switching operations
Mechanical life	20×10^6 switching operations
Max. switching load with load/without load	20 min^{-1} / 200 min^{-1}

Signaling

Status indication	LED red 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 class	IP20

Geometrical Data

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

Mechanical data

Type of mounting	Pluggable module
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Material Data

Weight	32.9 g
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Environmental Requirements

Surrounding air (operating) temperature at U_N	-40 70 °C
Surrounding air (storage) temperature	-40 85 °C

Standards and specifications

Standards/specifications	EN 61810-1
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Commercial data

Country of origin	DE
GTIN	4055143693295
Customs Tariff No.	85364900990

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Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf	Download
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Subject to changes.
