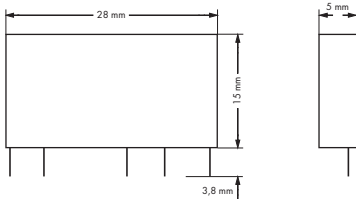


Miniature Switching Relay, Series 857

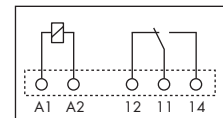
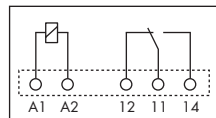


	Pluggable miniature switching relays 1 changeover contact	Pluggable miniature switching relays 1 changeover contact (gold contacts)
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* In order to prevent the gold layer from being damaged these values should not be exceeded. Higher switching power leads to evaporation of the gold layer. The resulting deposits in the enclosure may cause sparkovers between the coil and the contact.

The values in brackets are valid if the gold layer is damaged.



Description	V _N	Item No.	Pack. Unit	V _N	Item No.	Pack. Unit
Pluggable miniature switching relays The 60 V DC replacement relays must be used with 60 V DC, 110 V DC, 220 V DC and 115 V AC/DC, 230 V AC/DC relay modules.	12 V DC	857-150	20			
	24 V DC	857-152	20	24 V DC	857-153	20
	60 V DC	857-155	20	60 V DC	857-157	20

Technical Data

Contact material	AgNi	AgNi + 5 µ Au
Max. switching voltage	250 V AC/DC	30 V*
Max. continuous current (terminal blocks in a row)	6 A	50 mA* / (6 A)
Max. Switching power (resistive)	1250 VA AC	(1250 VA AC)*
Recommended minimum load	≥ 100 mA / 12 V AC/DC	≥ 1 V / 1 mA / 50 mW
Max. switching rate with / without load	6 min ⁻¹ / 20 s ⁻¹	6 min ⁻¹ / 20 s ⁻¹
Rated power consumption	< 220 mW	< 220 mW
Pull-in/drop-out/bounce time typ.	5 ms / 6 ms / 5 ms	5 ms / 6 ms / 5 ms
Nominal operating mode	continuous duty	continuous duty
Dielectric strength contact-coil	4 kV _{eff}	4 kV _{eff}
Surge capacity open contact	1 kV _{eff}	1 kV _{eff}
Mechanical life	5 x 10 ⁶ switching operations	5 x 10 ⁶ switching operations
Mechanical life at max. load (resistance)	5 x 10 ⁴ switching operations	5 x 10 ⁴ switching operations
Ambient operating temperature (V _N)	-25 °C ... +60 °C	-25 °C ... +60 °C
Storage temperature	-40 °C ... +70 °C	-40 °C ... +70 °C
Dimensions (mm) W x H x L	5 x 15 x 28	5 x 15 x 28
Weight	13,5 g	13,5 g