

Datasheet

Mount Non-Latching Relay

RS Stock number [476-618](#)

Dimensions: (mm)



Specification

- Extremely low cost
- 1 from A and 1 from C configurations
- Subminiature, standard PCB layout
- Sealed IP67 & flux proof types available
- Lead free and cadmium free
- 2.5KV dielectric strength (between coil contacts)
- Flammability class according to UL94, V-O
- CT1250
- VDE 0631/0700
- Environmental protection product available
- RoHS and WEEE compliant

CONTACT DATA

Contact Arrangement	1A	1C
Initial Contact Resistance Max.	100m Ω (at 1A 6VDC)	
Contact Material	AgSnO ₂ , AgNi	
Contact Rating (Res. Load)	10A 277VAC	7A 250VAC 10A 277VAC
Max. switching voltage	277VAC/30VDC	
Max. switching current	15A	10A
Max. switching power	2770VA 210W	
Mechanical life	1 x 10 ⁷ OPS	
Electrical life	1 x 10 ⁶ OPS	

CHARACTERISTICS

Initial Insulation Resistance	100M Ω , 500VDC	
Dielectric Strength	Between coil and contacts	2000VAC/2500VAC, 1min
	Between open contacts	750VAC, 1min
Operate time (at nomi. Volt.)	Max. 10ms	
Release time (at nomi. Volt.)	Max. 5ms	
Temperature rise (at nomi. Volt.)	Max. 60°C	
Shock Resistance	Functional	98 m/s ² (10g)
	Destructive	980 m/s ² (100g)
Vibration Resistance	1.5mm, 10 to 55Hz	
Humidity	35% to 85%RH	
Ambient temperature	-40°C to +105°C	
Termination	PCB	
Unit weight	Approx. 10g	
Construction	Sealed IP67 & Flux proof	

COIL

Coil power	0.36W
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COIL DATA

Nominal Voltage VDC	Pick-up Voltage VDC	Drop-out Voltage VDC	Max. allowable Voltage VDC(at 25°C)	Coil Resistance Ω
3	2.25	0.3	3.9	25 \pm 10%
5	3.75	0.5	6.5	70 \pm 10%
6	4.50	0.6	7.8	100 \pm 10%
9	6.75	0.9	11.7	225 \pm 10%
12	9.00	1.2	15.6	400 \pm 10%
18	13.5	1.8	23.4	900 \pm 10%
24	18.0	2.4	31.2	1600 \pm 10%
48	36.0	4.8	62.4	6400 \pm 10%