

PCB Relay, 5VDC, 167 Ohm



Features

- Designed for thermostat modem, computer peripherals, video recording and security applications
- Surge Strength 1500V FCC68
- Low coil power requirement for IC compatibility
- Terminals arranged on gird pattern
- Designed for compact, high density mounting

Specification

Nominal Voltage (VDC)	5
Coil Resistance (Ω)	167
Rated Current (mA)	29.9
Max Operate Voltage (VDC)	4
Min Release Voltage (VDC)	0.3
Coil Power (W)	0.15

Art. Nr.
RND 200-00038

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Contact Data

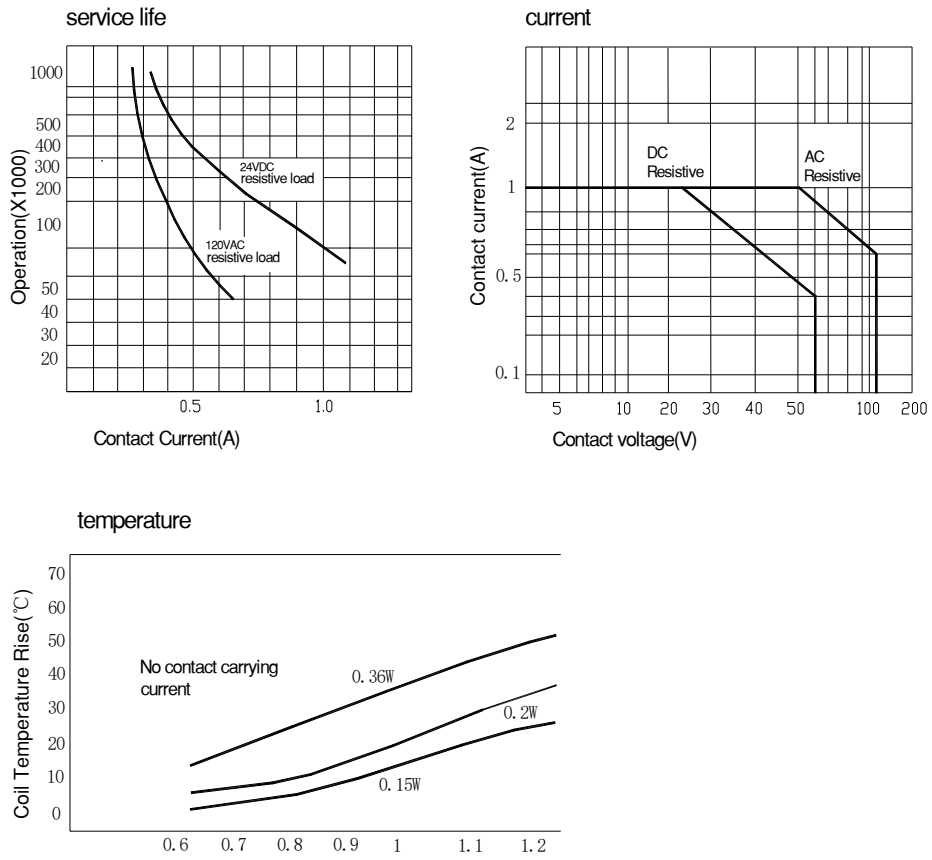
Contact Material	Silver Alloy	
Load	Resistive load(COS Φ =1)	
Contact Ratings	1A 120VAC 1A 24VDC	2A 120VAC 2A 24VDC
Minimum load	1mA 5VDC	
Max Switching Voltage	120VAC/60VDC	
Max Switching Current	1A	2A
Max Switching Power	120VA/30W	240VA/48W
Contact Resistance	100m Ω Max at 6VDC 1A	
Life Expectancy	Electrical: 100,000 Operations(at30Operations/minute)	
	Mechanical: 10,000,000 Operations(at300Operations/minute)	

Characteristics Data

Insulation Resistance	1000M Ω Min at 500VDC
Dielectric Strength Between Open Contacts	400VAC(for one minute)
Between Contacts and coil	1000VAC(for one minute)
Operate Time	4ms
Release Time	3ms
Temperature Range	-30 $^{\circ}$ Cto+85 $^{\circ}$ C
Shock Resistance	Operating Extremes: 10G
	Damage Limits: 100G
Vibration Resistance	10-55Hz, Double amplitude of 1.5mm
Max. switching frequency	Mechanical: 18,000 operations/hr Electrical: 1,800 operations/hr
Humidity	35-85%
Weight	Approx 2.2g
Safety Standard	U L c U L

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Engineering Data



Overall and Mounting Dimensions

