

# PCB Relay, 12VDC, 960 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)	12
Coil Resistance ( $\Omega$ )	960
Rated Current (mA)	12.5
Max Operate Voltage (VDC)	9.6
Min Release Voltage (VDC)	1.2
Coil Power (W)	0.15

**Art. Nr.**  
**RND 200-00036**

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## Contact Data

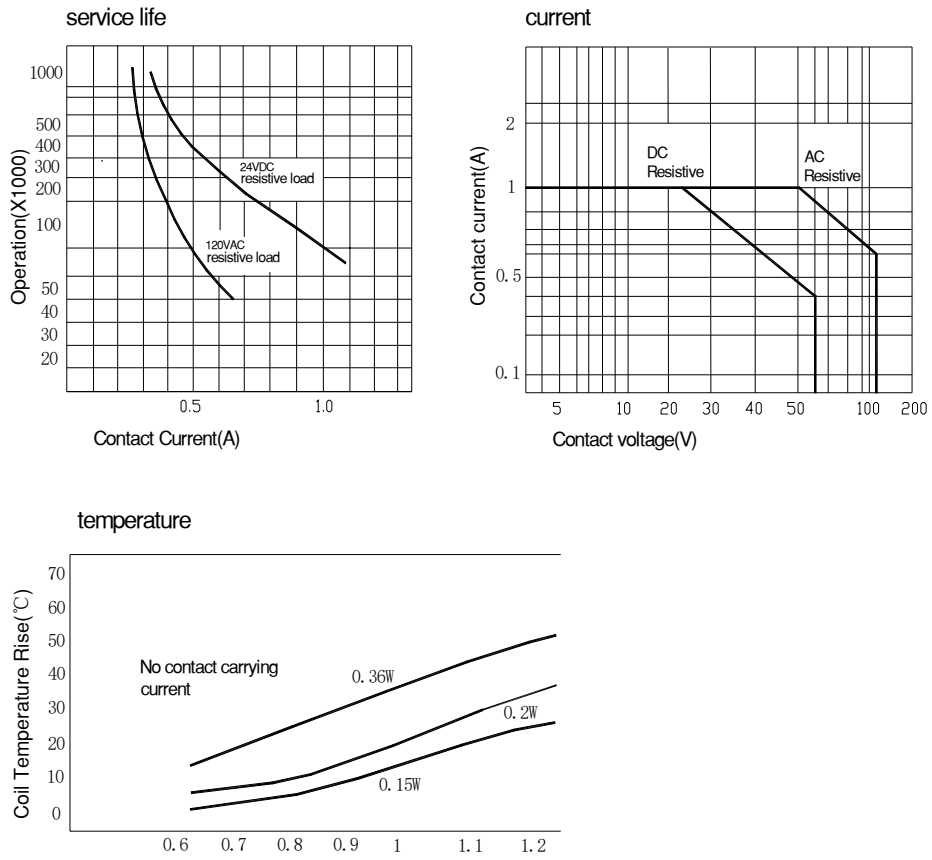
Contact Material	Silver Alloy	
Load	Resistive load(COS $\Phi$ =1)	
Contact Ratings	1A 120VAC 1A 24VDC	2A 120VAC 2A 24VDC
Minimum load	1mA 5VDC	
Max Switching Voltage	120VAC/60VDC	
Max Switching Current	1A	2A
Max Switching Power	120VA/30W	240VA/48W
Contact Resistance	100m $\Omega$ Max at 6VDC 1A	
Life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

## Characteristics Data

Insulation Resistance	1000M $\Omega$ 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

