

# PCB Relay, 12VDC, 330 Ohm



## Features

- 10A switching capability
- SPDT configuration
- Standard PC layout
- Sealed type available
- Surge resistance of 8000V

## Specification

Nominal Voltage (VDC)	12
Coil Resistance ( $\Omega$ )	330
Rated Current (mA)	37.5
Max Operate Voltage (VDC)	9
Min Release Voltage (VDC)	0.6
Coil Power (W)	0.45

**Art. Nr.**  
**RND 200-00057**

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## Contact Data

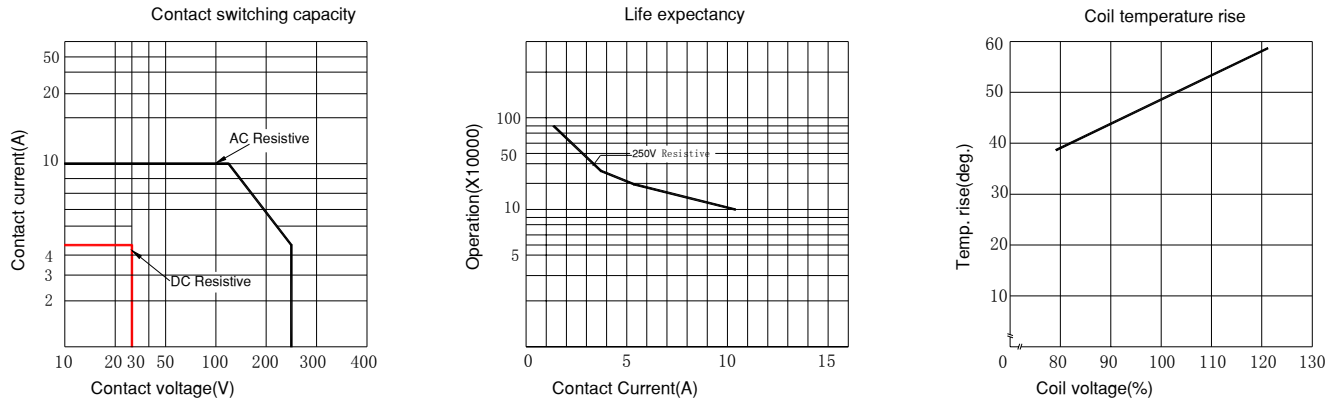
Contact Material	Silver Alloy
Load	Resistive load(COS $\Phi$ 1)
Contact Ratings	10A 120 VAC 5A 240VAC, 5A 30VDC, 10A 277 VAC(MARK CONTACT)
Minimum load	100mA 5VDC
Max Switching Voltage	277VAC/30VDC
Max Switching Current	10A
Max Switching Power	2500VA/300W
Contact Resistance	100m $\Omega$ Max at 6VDC 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	1000VAC(for one minute)
Between Contacts and coil	4000VAC(for one minute)
Resistance Voltage	8000V(1.2/50 $\mu$ s)
Operate Time	8ms
Release Time	5ms
Temperature Range	-40 $^{\circ}$ C to +105 $^{\circ}$ C
Shock Resistance	Operating Extremes: 10G
	Damage Limits: 100G
Vibration Resistance	10-55Hz, 1.5mm
Max. switching frequency	Mechanical:18,000operations/hr Electrical:1,800operations/hr
Humidity	5-80%
Weight	Approx 7g
Safety Standard	UL,CUL;TUC;CQC

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## Engineering Data



## Overall and Mounting Dimensions

