

SJZ SERIES

ORDER CODE

SJZ-12

COIL VOLTAGE

TYPE

3: DC 3V
5: DC 5V
6: DC 6V
9: DC 9V
12: DC 12V
18: DC 18V
24: DC 24V
48: DC 48V



Main Features

- Washable type.
- Standard coils consume and low power.
- PCB mounting.
- Contact: 1 form C.

COIL RATING (at 20°C)

NOMINAL VOLTAGE (VDC)	COIL RESISTANCE (Ω)($\pm 10\%$)	POWER CONSUMPT -10N(W)	NOMINAL CURRENT (mA)($\pm 10\%$)	PULL IN VOLTAGE (VDC)	DROP OUT VOLTAGE (VDC)	MAX. ALLOWABLE VOLTAGE (VDC)
3V	20 Ω	0.45W	150.0mA	80% MAX.	10% MIN.	130%
5V	56 Ω		89.0mA			
6V	80 Ω		75.0mA			
9V	180 Ω		50.0mA			
12V	320 Ω		37.5mA			
18V	720 Ω		25.0mA			
24V	1280 Ω	0.61W	18.8mA			
48V	3800 Ω		12.6mA			

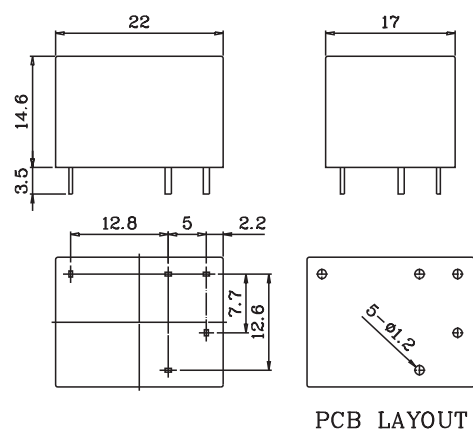
PERFORMANCE (at initial value)

Item \ Type	10A
Contact Resistance	50m Ω Max.(initial value)
Operate Time	7msec Max.
Release Time	4msec Max.
Dielectric Strength between coil & contact between contact	AC2000V (1min) AC750V (1min)
Surge Resistiveness	3500V
Insulation Resistance	100M Ω Min.(DC500V)
Operating Ambient Temperature	-30°C ~ +60°C
Humidity	45 to 85% RH
Vibration Resistance	10G (10~55Hz)(Dual amplitude:1.5mm)
Shock Resistance	10G
Life Expectancy Mechanically Electrically	10,000,000 ops. Min.(1800 ops./h) 100,000 ops. Min.(1200 ops./h)
Weight	10g(about)

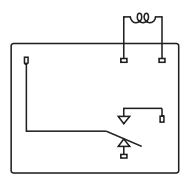
CONTACT RATING

Item \ Type	10A
Rated Carrying Current	AC120V 10A DC28V 10A
Max. Allowable Current	10A
Max. Allowable Voltage	AC 250V DC 30V
Max. Current (continual)	10A
Min. Load	DC5V 100mA
Contact Material	Ag alloy

DIMENSIONS(Unit: mm)



WIRING DIAGRAMS(Bottom View)



REFERENCE DATA

