

Patent: ZL 2010 2 0625575.X



ISO9001、ISO14001 Certification Enterprises

Main Feature

1. Small size (20.5x7x15in mm) produces a switching capacity up to 5A for high density P.C.Board mounting technique.
2. The contact form construction is 1A
3. The Surge Resistance of BJS series is 10,000V
4. Sealing Construction (Free from dust and solder flux): BJS-SS: Plastic Sealed Type.
5. The selection of plastic insulation material is designed for high temperature and provides better chemical solution performance.
6. RoHS Compliant.

Application

Air Conditioning, Fridge, Washing Machine, etc Household Appliances

Contact Rating

- Nominal Load(Resistive Load Cos $\phi = 1$)
Contact Capacity
BJS-LM.....5A at 250VAC
- Max. Allowable Current
BJS-LM.....5A
- Max. Allowable Voltage
BJS-LM.....AC250V
- Max. Allowable Power Force
BJS-LM.....1250VA
- Contact Material..... Ag Alloy
- Contact Form.....SPST-NO

Performance (at Initial Value)

- Contact Resistance..... $\leq 50m\Omega$ at 6VDC/1A
- Operate Time.....10ms. Max
- Release Time..... 5ms. Max
- Dielectric Strength:
Between Coil & Contact.....4,000VAC at 50/60 Hz
for one minute
Between Contacts.....1,000VAC at 50/60 Hz
for one minute
- Surge Resistance.....10,000V (between Coil
& Contact 1.2x50 μ s)
- Insulation Resistance.....1,000 Mega Ω Min. at
500VDC

- Max. On/Off Switching:
Electrical.....30 Ops per minute
Mechanical.....300 Ops per minute
- Temperature Range..... - 40~85 $^{\circ}$ C
- Humidity Range.....5%~85% RH
- Coil Temperature Rise..... 35 $^{\circ}$ C Maximum
- Vibration:
Endurance.....10 to 55 Hz dual
amplitude width 1.5mm
Error Operation.....10 to 55 Hz dual
amplitude width 1.5mm
- Shock:
Endurance..... 981m/s² Min
Error Operation..... 98.1m/s² Min
- Life Expectancy:
Electrical.....10⁵ Operations at
Rated Resistive
load
Mechanical.....10⁷ Operations at
No load condition
- Weight.....about 4g

Safety Standard & Its File Number

- UL.....E333244
- CQC.....CQC10002054532

Coil Specification (at 20 °C)

Coil Sensitivity	Nominal Voltage (VDC)	Nominal Current (mA)	Coil Resistance ($\Omega \pm 8\%$)	Power Consumption (W)	Pull-In Voltage (VDC)	Drop-Out Voltage (VDC)	Maximum Allowable Voltage (VDC)
BJS-LM	3	66.7	45	Abt. 0.2	75% Maximum	10% Minimum	130%
	5	40	125				
	6	33.7	180				
	9	22.2	405				
	12	16.7	720				
	24	8.3	2880				

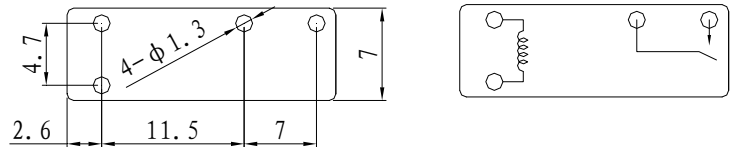
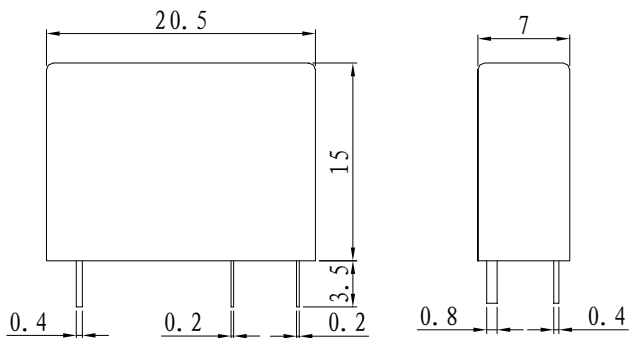
Ordering Information

BJS	-	SS	-	1	12	L	M	
								Contact Form: M:One form A
								Coil Type: L:Standard DC Coil
								Coil Voltage: 03:3V, 05:5V,06:6V 09:9V12:12V,24:24V.
								Number of Pole: 1:One Pole
								Type of Sealing: SS:Plastic Sealed Type
								Type: BJS

Classificatio

Model	BJS
Coil Sensitivity	Standard DC Coil 1A
Plastic Sealed Type	BJS-SS-1□□LM

Dimension



尺寸公差 (Dimension Tolerance) : < 1mm: $\pm 0.2\text{mm}$
 1--5mm: $\pm 0.3\text{mm}$
 > 5mm: $\pm 0.5\text{mm}$