



Main Feature

1. Small size with slim width.
2. SPST And SPDT Contact forms are available.
3. Contact Capacity is 10A
4. Surge Resistance can be up to 8000V

Application

AIR-Conditioner, Fan Control, Home Appliances, Timer, and Thermal Control Application.

Contact Rating

- Nominal Load (Resistive Load $\cos \phi = 1$)

Contact Capacity	1a:	10A at 125VAC.
		5A at 250VAC.
		5A at 30VDC.
	1c:	NO:10A at 125VAC.
		5A at 250VAC.
		5A at 30VDC.
		NC: 5A at125VAC.
		3A at 250VAC.
- Rated Carrying Current 5A.
- Max. Allowable Current 10A.
- Max. Allowable Voltage AC 250V, DC 30V.
- Max. Allowable Power Force1,250 VA, 300W.
- Min. Switching Load DC 5V, 10mA.
- Contact Material Ag Alloy.
- Contact Form..... SPST. SPDT.

Performance (at Initial Value)

- Contact Resistance 100mΩMax.@1A,6VDC
- Operate Time..... 6 mSec. Max.
- Release Time 2 mSec. 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 8,000V (between coil & contact 1.2x50μSec.)
- Insulation Resistance 1,000 MegaΩ Min.at 500VDC.

- Max. On/Off Switching :

Electrical	.....30 Ops per Minute.
Mechanical	.....300 Ops per Minute.
- Temperature Range-40~70°C.
- Humidity Range45~85% RH.
- Coil Temperature Rise45°C Max.
- Vibration :

Endurance	..... 10 to 55 Hz dual
	amplitude width 1.5mm.
Error Operation	..... 10 to 55 Hz dual
	amplitude width 1.5mm.
- Shock :

Endurance	.....1,000 m/S ² Min.
Error Operation	.....100 m/S ² Min.
- Life Expectancy :

Mechanical	.....10 ⁷ Operations at No
	Load condition.
Electrical	.....10 ⁵ Operations at
	Rated Resistive Load.
- Weight.....About 5.6g

Safety Standard & Its File Number

- C-UL.....E141060
- TÜV.....R3-50008011

Coil Specification (at 20°C)

Coil Sensitivity	Nominal Voltage (VDC)	Nominal Current (mA)	Coil Resistance ($\Omega \pm 10\%$)	Power Consumption (W)	Pull-In Voltage (VDC)	Drop-Out Voltage (VDC)	Maximum Allowable Voltage (VDC)
JQ-D/DM	3	150	20	Abt. 0.45	75% Maximum	5% Minimum	120%
	5	91	55				
	6	75	80				
	9	50	180				
	12	37.5	320				
JQ-T/TM	3	133.3	22.5	Abt. 0.4	75% Maximum	5% Minimum	120%
	5	80	62.5				
	6	66.7	90				
	9	44.4	202				
	12	33.3	360				
JQ-LM	3	67	45	Abt. 0.2	75% Maximum	5% Minimum	120%
	5	40	125				
	6	33.3	180				
	9	22.5	400				
	12	16.7	720				
	24	8.3	2,800				

Ordering Information

JQ - SS - 1 12 D M

Contact Form:

Nil: One Form C (for D Type Only)

M: One Form A (for D,L Type Only)

Coil Type:

D: Standard DC Coil

T: Middle Consumption DC Coil

L: High Sensitivity DC Coil

Coil Voltage:

03: 3V, **05:** 5V, **06:** 6V, **09:** 9V, **12:** 12V, **24:** 24V

Number of Pole:

1: One Pole

Type of Sealing:

SS: Flow Solder Type

SH: Plastic Sealed Type

Type:

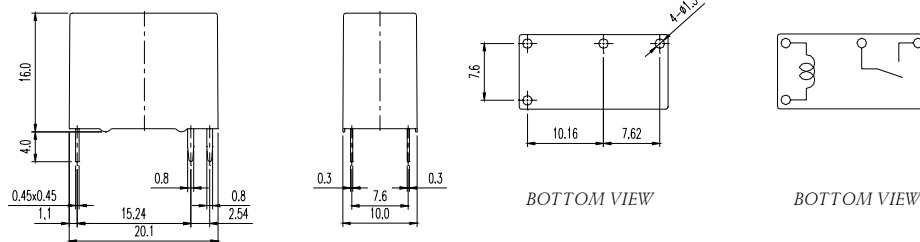
JQ

Classification

Model	JQ					
	1C			1A		
Contact Form	1C			1A		
Coil Type	Standard DC Coil	Middle Consumption	High Sensitivity DC	Standard DC Coil	Middle Consumption	High Sensitivity DC
Flow Solder Type	JQ-SS-1□□D	JQ-SS-1□□T	JQ-SS-1□□L	JQ-SS-1□□DM	JQ-SS-1□□TM	JQ-SS-1□□LM
Plastic Sealed Type	JQ-SH-1□□D	JQ-SH-1□□T	JQ-SH-1□□L	JQ-SH-1□□DM	JQ-SH-1□□TM	JQ-SH-1□□LM

Dimension

JQ-SS/SH-DM



JQ-SS/SH-D

