



22×16.5×16.5

J Z C - 7 F (4 0 9 9)



E158859

Patent No.: 99204096.5

Features

- Small size, light weight, Low price.
- Sensitive operation, good synchronism.
- Low coil power consumption.
- PC board mounting.
- Suitable for electrical application, telecommunication, automatic control, wireless radio remote control and sound control toy application.

Contact Data

Contact Arrangement	2A, 2B, 2C
Contact Material	Ag·CdO (Au clad)
Contact Rating (resistive)	0.5W:1A,2A,3A/277VAC,30VDC; 0.6W:3A,5A,10A/277VAC,30VDC
Max. Switching Power	0.5W:90W 360VA; 0.6W:250W 1600VA
Max. Switching Voltage	50VDC 380VAC Max. Switching Current:10A
Contact Resistance or Voltage drop	≤50mΩ Item 3.12 of IEC255-7
Operation life	Electrical 10 ⁵ Item 3.30 of IEC255-7
	Mechanical 10 ⁷ Item 3.31 of IEC255-7

Coil Parameter

Coil voltage VDC		Coil resistance Ω±10%	Pickup voltage VDC(max) (75%of rated voltage)	release voltage VDC(min) (10% of rated voltage)	Coil power consumption W	Operate Time ms	Release Time ms
Rated	Max.						
3	3.9	18/15	2.25	0.3	0.5/0.6	≤10	≤5
6	7.8	72/60	4.50	0.6			
9	11.7	162/135	6.75	0.9			
12	15.6	288/240	9.00	1.2			
24	31.2	1152/960	18.0	2.4			

CAUTION: 1.The use of any coil voltage less than the rated coil voltage will compromise the operation of the relay.
 2.Pickup and release voltage are for test purposes only and are not to be used as design criteria.

Operation condition

Insulation Resistance	100MΩ min (at 500VDC)	Item 7 of IEC255-5
Dielectric Strength		
Between contacts	50Hz 750V	Item 6 of IEC255-5
Between contact and coil	50Hz 1000V	Item 6 of IEC255-5
Shock resistance	100m/s ² 11ms	IEC68-2-27 Test Ea method 1
Vibration resistance	10~55Hz amplitude 1.5mm	IEC68-2-6 Test Fc
Terminals strength	10N	IEC68-2-21 Test Ua1
Solderability	230℃ ±2℃ 10 ±0.5s	IEC68-2-20 Test Ta method 1
Ambient Temperature	-40~70℃	
Relative Humidity	85% (at 40℃)	IEC68-2-3Test Ca
Mass	12g	

Qualification inspection:

Perform the qualification test as specified in the table IV of IEC255-19-1 and minimum sample size 24.

Ordering Information			
JZC-7F	05	DC12V	S 0.6
			Coil power consumption:0.5:0.5W,0.6:0.6W
			S: Sealed type, NIL: Dust Cover
			Coil rated DC Voltage 3V, 6V, 9V, 12V, 24V
			Contact current 01:1A, 05:5A, 10:10A
Part number: JZC-7F(N4099)			

Dimensions (Unit: mm)

mm	inch
0.3	0.012
0.5	0.020
1.0	0.039
1.5	0.059
2.1	0.083
2.5	0.098
4.5	0.177
5.1	0.201
10.2	0.401
12.7	0.500
16.5	0.650
22	0.886

Dimensions

Wiring diagram(Bottom views)

NOTES 1).Dimensions are in millimeter.
2).Inch equivalents are given for general information only.

