




24.5×10.5×25.0

# JZC-36F

 R158859  
 Patent NO.:200420081938.2

**Features**

- Heavy load, suitable for heavy power reverse.
- Small size, suitable for high-density mounting..
- Suitable for remote control TV set, copy machine, sales machine and air conditioner etc.

**Ordering Information**

**JZC-36F C S 10 DC12V 0.25**  
 1 2 3 4 5 6

1 Part number: JZC-36F	4 Contact current:10A
2 Contact arrangement: A:1A; C:1C	5 Coil rated voltage(V):DC:5,6,9,12,18,24,48
3 Enclosure: S:Sealed type; Z:Dust cover	6 Coil power consumption:0.25:0.25W;0.53:0.53W

**Contact Data**

Contact Arrangement	1A (SPSTNO)、1C (SPDT(B-M))	
Contact Material	AgSnO <sub>2</sub>	
Contact Rating (resistive)	10A/250VAC,30VDC TV-5	
Max. Switching Power	330W	2500VA
Max. Switching Voltage	30VDC	277VAC
Contact Resistance or Voltage drop	≤100mΩ	Max. Switching Current:10A
Operational Life	Electrical	10 <sup>5</sup> Item 3.12 of IEC255-7
	Mechanical	10 <sup>7</sup> Item 3.30 of IEC255-7

**Coil Parameter**

Dash numbers	Coil voltage VDC		Coil resistance Ω ±10%	Pick up voltage VDC (max) (75% of rated voltage)	Release voltage VDC (min) (5% of rated voltage)	Coil power consumption W	Operate Time ms	Release Time ms
	Rated	Max						
005-250	5	6.5	100	3.75	0.25	0.25	<15	<5
006-250	6	7.8	145	4.50	0.30			
009-250	9	11.7	325	6.75	0.45			
012-250	12	15.6	575	9.00	0.60			
018-250	18	23.4	1300	13.5	0.90			
024-250	24	31.2	2310	18.0	1.2			
048-250	48	62.4	9210	36.0	2.4			
005-530	5	6.5	47	3.75	0.25	0.53	<15	<5
006-530	6	7.8	68	4.50	0.30			
009-530	9	11.7	155	6.75	0.45			
012-530	12	15.6	270	9.00	0.60			
018-530	18	23.4	620	13.5	0.90			
024-530	24	31.2	1080	18.0	1.2			
048-530	48	62.4	4400	36.0	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	1000M $\Omega$ min (at 500VDC)	Item 7 of IEC255-5
Dielectric Strength Between contacts Between contact and coil	50Hz 1000V 50Hz 3000V 4000V Surge Voltage 10kV	Item 6 of IEC255-5 Item 6 of IEC255-5 Item 8 of IEC255-5
Shock resistance	Functional 200m/s <sup>2</sup> 11ms Survival 1000m/s <sup>2</sup> 11ms	IEC68-2-27 Test Ea
Vibration resistance	10~55Hz amplitude 1.5mm	IEC68-2-6 Test Fc
Terminals strength	10N	IEC68-2-21 Test Ua1
Solderability	235°C $\pm$ 2°C 3 $\pm$ 0.5s	IEC68-2-20 Test Ta method 1
Ambient Temperature	-40~70°C	
Relative Humidity	35%~85% (at 40°C)	IEC68-2-3 Test Ca
Mass	12g	

## Qualification inspection:

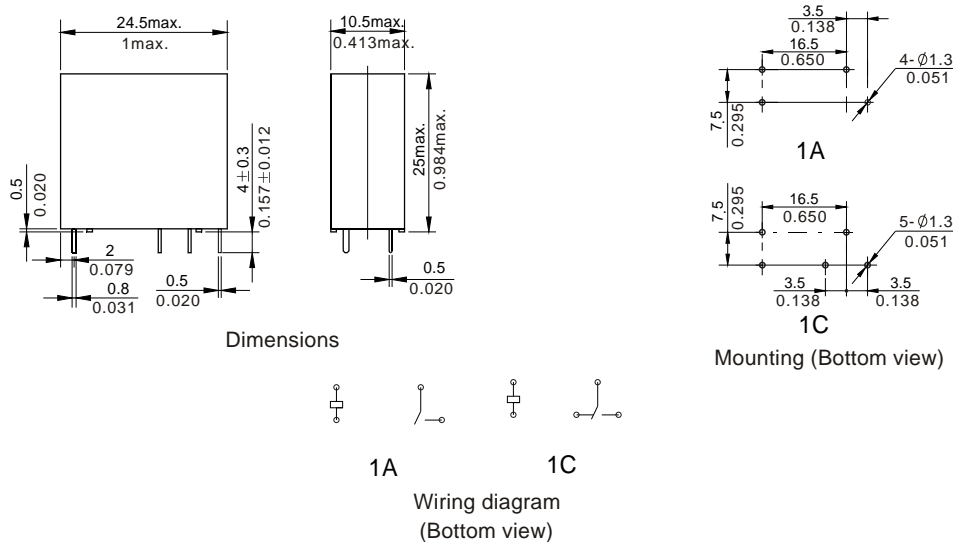
Perform the qualification test as specified in the table IV of IEC255-19-1 and minimum sample size 24.

## Safety approvals

Safety approval	UL & CUR
Load	10A/250VAC,30VDC;TV-5

## Dimensions

mm /inch



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

## Reference Data

