

JZC-21F (T70)&JZC-20F

22.5×16.7×23.5

Features

- Small size, light weight.
- Low coil power consumption.
- Switching capacity up to 15A.
- PC board mounting.
- Suitable for household electrical appliance, automation system, electronic equipment, instrument, meter, telecommunication facilities and remote control facilities.

Contact Data

Contact Arrangement 1A、1B、1C **Contact Material** Ag-CdO

5A,10A,15A/120VAC,28VDC; 3A;5A,7A/220VAC; Contact Rating (resistive)

420W 1800VA 110VDC 380VAC Max. Switching Power

Max. Switching Voltage Max. Switching Current:15A Contact Resistance or Voltage drop ${\leqslant}50m\Omega~(T70)~{\leqslant}100m\Omega~(4088)$ Item 3.12 of IEC255-7 Electrical 10⁵ Item 3.30 of IEC255-7 Operation life Mechanical 10⁷ Item 3.31 of IEC255-7

Coil Parameter

Coil voltage VDC		Coil resistance Ω±10%		Pickup voltage VDC(max) (75%of rated	release voltage VDC(min) (10% of rated	Coil power consumption	Operate Time ms	Release Time ms
Rated	Max.			voltage)	voltage)			
3	3.9	25	18	2.25	0.3			
5	6.5	70	50	3.75	0.5			
6	7.8	100	72	4.50	0.6			
9	11.7	225	162	6.75	0.9	0.36/0.5	≪12	≪5
12	15.6	400	288	9.00	1.2			
24	31.2	1600	1152	18.0	2.4			
48	62.4	6400	4608	36.0	4.8			

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 T70: $1000M\Omega$ min 4088: $100M\Omega$ min (at 500VDC) Item 7 of IEC255-5

Dielectric Strength Between contacts

Item 6 of IEC255-5 50Hz 750V Between contact and coil Item 6 of IEC255-5 50Hz 1500V

IEC68-2-27 Test Ea method 1 IEC68-2-6 Test Fc IEC68-2-21 Test Ua1 100m/s² Shock resistance 11ms

Vibration resistance 10~50Hz double amplitude 0.7mm

Terminals strength 10N 230℃ ±2℃ $10\pm0.5s$ IEC68-2-20 Test Ta method 1 Solderability

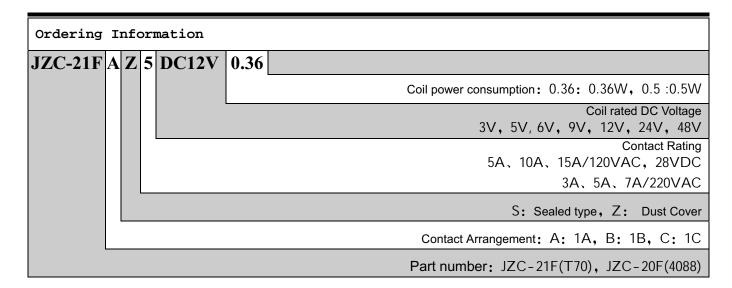
-40~70℃ **Ambient Temperature**

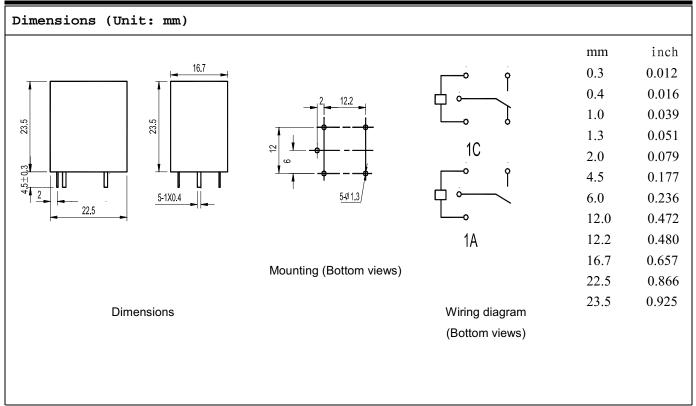
Relative Humidity 85% (at 40℃) IEC68-2-3Test Ca

Mass 17g (T70) . 16g(4088)

Qualification inspection:

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





NOTES 1). Dimensions are in millimeter.

2).Inch equivalents are given for general information only.

