



22.5×16.7×23.5

J Z C - 2 1 F (T 7 0) & J Z C - 2 0 F

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		
Contact Rating (resistive)	5A,10A,15A/120VAC,28VDC; 3A;5A,7A/220VAC ;		
Max. Switching Power	420W 1800VA		
Max. Switching Voltage	110VDC 380VAC		
Contact Resistance or Voltage drop	≤50mΩ (T70) ≤100mΩ (4088)		
Operation life	Electrical	10 ⁵	Max. Switching Current:15A Item 3.12 of IEC255-7
	Mechanical	10 ⁷	Item 3.30 of IEC255-7 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	25	18	2.25	0.3	0.36/0.5	≤12	≤5
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			
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: 1000MΩ min 4088: 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 1500V	Item 6 of IEC255-5
Shock resistance	100m/s ² 11ms	IEC68-2-27 Test Ea method 1
Vibration resistance	10~50Hz double amplitude 0.7mm	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	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.

Ordering Information					
JZC-21F	A	Z	5	DC12V	0.36
				Coil power consumption: 0.36: 0.36W, 0.5 :0.5W	
				Coil rated DC Voltage 3V, 5V, 6V, 9V, 12V, 24V, 48V	
				Contact Rating 5A、10A、15A/120VAC, 28VDC 3A、5A、7A/220VAC	
				S: Sealed type, Z: Dust Cover	
				Contact Arrangement: A: 1A, B: 1B, C: 1C	
				Part number: JZC - 21F(T70), JZC - 20F(4088)	

Dimensions (Unit: mm)

Dimensions

Mounting (Bottom views)

Wiring diagram
(Bottom views)

mm	inch
0.3	0.012
0.4	0.016
1.0	0.039
1.3	0.051
2.0	0.079
4.5	0.177
6.0	0.236
12.0	0.472
12.2	0.480
16.7	0.657
22.5	0.866
23.5	0.925

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

Reference Data			