






20.3×16.8×20.2

# JZC-22F

 US E158859

 R50181861

 13002098866

## Features

- Small size, light weight .
- Low coil power consumption.
- PC board mounting.
- Suitable for household electrical appliances, automation system, electronic equipment, instrument and meter application. TV-5 remote control TV receivers, monitor display, audio equipment high and rushing current application.

## Ordering Information

**JZC-22F** S C 5 D 12VDC  
 1 2 3 4 5 6

1 Part number: JZC-22F	4 Contact rating: 5A,7A,12A,15A/125VAC 28VDC; 3A,6A,7A/220VAC; 6A/250VAC
2 Enclosure: S: Wash tight ; F: Flux proof	5 Coil power: L:0.36W; D:0.45W
3 Contact arrangement: A:1A; B:1B; C:1C	6 Coil rated voltage(V): DC:3,5,6,9,12,24,48

## Contact Data

Contact Arrangement	1A(SPSTNO) 1B(SPSTNC) 1C(SPDT(B-M))	
Contact Material	AgSnO <sub>2</sub> AgCdO	
Contact Rating(Resistive)	5A,7A,12A,15A/125VAC,28VDC; 3A,6A,7A/220VAC ;6A/250VAC TV-5,120VAC,240VAC	
Max. Switching Power	420W 1875VA	
Max. Switching Voltage	30VDC 277VAC	Max. Switching Current:15A
Contact Resistance	≤100mΩ Item 4.12 of IEC 61810-7	
Operation	Electrical	1×10 <sup>5</sup> Item 4.30 of IEC 61810-7
Life	Mechanical	1×10 <sup>7</sup> Item 4.31 of IEC 61810-7

**CAUTION:** 1.For the intermediate current, it only applies to the room temperature.

## Coil Parameter

Dash numbers	Coil voltage VDC		Coil resistance Ω ±10%	Pick-up voltage VDC(max) (75%of rated voltage )	Drop-out voltage VDC(min) (10% of rated voltage)	Coil power W	Operate time ms	Release time ms
	Rated	Max.						
003-360	3	3.9	25	2.25	0.3	0.36	≤15	≤5
005-360	5	6.5	69.4	3.75	0.5			
006-360	6	7.8	100	4.50	0.6			
009-360	9	11.7	225	6.75	0.9			
012-360	12	15.6	400	9.00	1.2			
024-360	24	31.2	1600	18.0	2.4			
048-360	48	62.4	6400	36.0	4.8			
003-450	3	3.9	20	2.25	0.3	0.45	≤15	≤5
005-450	5	6.5	55.5	3.75	0.5			
006-450	6	7.8	100	4.50	0.6			
009-450	9	11.7	180	6.75	0.9			
012-450	12	15.6	320	9.00	1.2			
024-450	24	31.2	1280	18.0	2.4			
048-450	48	62.4	5120	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.

## Characteristics

Insulation Resistance	100M $\Omega$ min (at 500VDC)	Item 4.11 of IEC 61810-7
Dielectric Strength Between Contacts Between Contact and Coil	50Hz 750V 50Hz 1500V 50Hz	Item 4.9 of IEC 61810-7 Item 4.9 of IEC 61810-7
Shock Resistance	98m/s <sup>2</sup> 11ms	Item 4.26 of IEC 61810-7
Vibration Resistance	10Hz~55Hz Double amplitude 1.5mm	Item 4.28 of IEC 61810-7
Terminals Strength	10N	Item 4.24 of IEC 61810-7
Ambient Temperature	-40°C~70°C	
Relative Humidity	5% to 85%	Item 4.16 of IEC 61810-7
Mass	13g	Item 4.7 of IEC 61810-7

## Safety Approvals

Safety approval	UL&CUR	TÜ V	CQC
Load	15A/125VAC,28VDC TV-5 ,120VAC, 240VAC	6A/240VAC 10A/28VDC	6A/250VAC

## Dimensions

**mm**

Dimensions

Mounting  
(Bottom view)

Wiring diagram  
(Bottom view)

**CAUTION:** In case of no tolerance shown in outline dimension: outline dimension  $\leq 1\text{mm}$ , tolerance should be  $\pm 0.2\text{mm}$ ; outline dimension  $> 1\text{mm}$  and  $\leq 5\text{mm}$ , tolerance should be  $\pm 0.3\text{mm}$ ; outline dimension  $> 5\text{mm}$ , tolerance should be  $\pm 0.4\text{mm}$ .

## Reference Data

