



21.3×16.2×20.8

# JZC-22F<sub>3</sub>



40027380



us E174722

## Features

- Small size, light weight .Low coil power consumption.
- Switching capacity can reach 20A.
- High dielectric strength.
- PC board mounting.
- Suitable for household electrical appliances, automation system, electronic equipment, instrument and meter application.  
TV-5、TV-8 Remote control TV receivers, monitor display, audio equipment high and rushing current application.

## Ordering Information

**JZC-22F<sub>3</sub>**   **D**   **S**   **C**   **20**   **D**   **12VDC**   **F**

1            2   3            4            5   6            7            8

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|---|--|
| <p>1 Part number: JZC-22F<sub>3</sub></p> <p>2 Terminal: NIL:Standard D:double terminals<br/>D1:double terminals(without pin 7 )</p> <p>3 Enclosure: S: Wash tight ;<br/>F: Flux proof</p> <p>4 Contact arrangement: A:1A; B:1B; C:1C</p> | <p>5 Contact rating: 12A,15A,20A/125VAC 28VDC;7A/400VAC<br/>5A,10A,16A/250VAC ; 16A/277VAC</p> <p>6 Coil power: L:0.36W; D:0.45W</p> <p>7 Coil rated voltage(V): DC:3,5,6,9,12,24,48</p> <p>8 Resist heat class: B:130℃ F:155℃</p> |
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## Contact Data

Contact Arrangement	1A(SPSTNO) 1B(SPSTNC) 1C(SPDT(B-M))		
Contact Material	AgSnO <sub>2</sub>		
Contact Rating(Resistive)	5A,7A,12A,15A,20A/125VAC,28VDC; 16A/277VAC;7A/400VAC 5A,10A,16A/250VAC TV-8 125VAC Motor Load:NO:1HP(16FLA) 125VAC,(8FLA)250VAC NC: 1/2HP(9.8FLA) 125VAC,(4.9FLA)250VAC		
Max. Switching Power	560W 4450VA		
Max. Switching Voltage	30VDC 400VAC	Max. Switching Current:20A	
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%	Pic-kup 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	55.6	3.75	0.5			
006-450	6	7.8	80	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			

## Characteristics

Insulation Resistance	100MΩ min (at 500VDC)	Item 4.11 of IEC 61810-7
Dielectric Strength Between Contacts Between Contact and Coil	50Hz 1000V 2500V Surge Voltage:4000V	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℃~105℃	
Relative Humidity	5% to 85%	Item 4.16 of IEC 61810-7
Mass	14g	Item 4.7 of IEC 61810-7

## Safety Approvals

Safety approval	UL&CUR	VDE
Load	16A/277VAC; 20A/125VAC; 10A/250VAC TV-8 125VAC NO: 1HP(16FLA) 125VAC, (8FLA)250VAC; NC: 1/2HP(9.8FLA) 125VAC, (4.9FLA)250VAC	10A, 16A/250VAC 7A/400VAC

## Dimensions

mm

Dimensions

Mounting (Bottom view)

Wiring diagram (Bottom view)

**CAUTION:** In case of no tolerance shown in outline dimension: outline dimension ≤1mm, tolerance should be ±0.2mm; outline dimension >1mm and ≤5mm, tolerance should be ±0.3mm; outline dimension >5mm, tolerance should be ±0.4mm.

## Reference Data

