



21.3×16.2×20.8

JZC-22F₃

40027380

us E174722

Features

- Small size, light weight .Low coil power consumption.
- 20A switching capacity.
- 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-22F₃ **D** **S** **C** **20** **D** **12VDC** **F**
 1 2 3 4 5 6 7 8

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

Contact Data

Contact Arrangement	1A(SPSTNO) 1B(SPSTNC) 1C(SPDT(B-M))		
Contact Material	AgSnO ₂		
Contact Rating	5A,7A,12A,15A,20A/125VAC,28VDC; 7A/400VAC 5A,10A,16A/250VAC; 16A/277VAC TV-8 125VAC Motor load: NO:1HP(16FLA) 125VAC,(8FLA)250VAC NC: ½HP(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	
Electrical Endurance	1×10 ⁵	Item 4.30 of IEC 61810-7	
Mechanical Endurance	1×10 ⁷	Item 4.31 of IEC 61810-7	

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			

Notes: 1. The use of any coil voltage less than the rated coil voltage will compromise the operation of the relay.

Characteristics

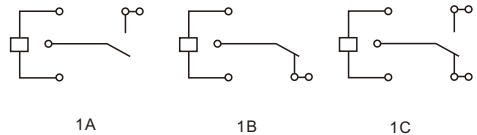
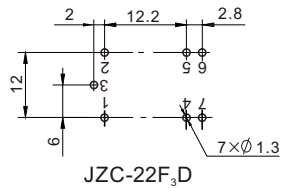
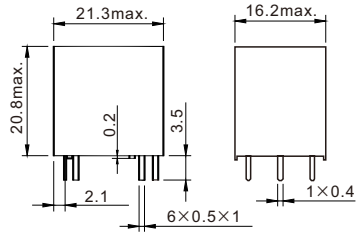
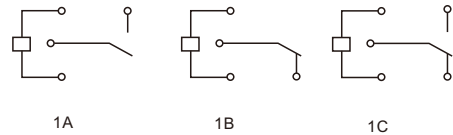
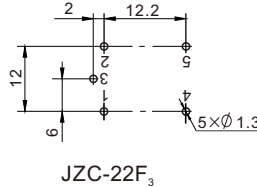
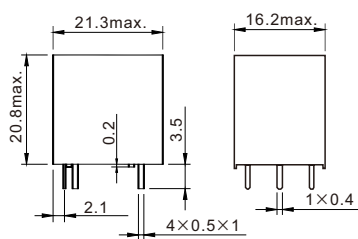
Insulation Resistance	100MΩ min (at 500VDC)	Item 4.11 of IEC 61810-7
Dielectric Strength Between Contacts Between Contact and Coil	1000VAC 1min 2500VAC 1min Surge Voltage:4kV(1.2/50μs)	Item 4.9 of IEC 61810-7 Item 4.10 of IEC 61810-7
Shock Resistance	98m/s ² 11ms	Item 4.26 of IEC 61810-7
Vibration Resistance	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
Weight (Approx.)	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: ½HP(9.8FLA) 125VAC,(4.9FLA)250VAC	10A,16A/250VAC 7A/400VAC

Dimensions

mm



Dimensions

JZC-22F₃D1

Mounting(Bottom view)

Wiring diagram (Bottom view)

Remark: In case of no tolerance shown in outline dimension: outline dimensions≤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

