






21.3×16.2×20.8

JZC-22F₃

 us E160644
  08001023385
 40027380

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-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: 12A,15A,20A/125VAC 28VDC;7A/400VAC 5A,10A,16A/250VAC ; 16A/277VAC
2 Terminal: NIL:Standard D:double terminals D1:double terminals(without pin 7)	6 Coil power: L:0.36W; D:0.45W
3 Enclosure: S: Wash tight; F: Flux proof	7 Coil rated voltage(V): DC:3,5,6,9,12,24,48
4 Contact arrangement: A:1A; B:1B; C:1C	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(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 ⁵ Item 4.30 of IEC 61810-7
Life	Mechanical 1×10 ⁷ 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			

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 Ω 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 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
Mass	14g	Item 4.7 of IEC 61810-7

Safety Approvals

Safety approval	UL&CUR	VDE	CQC
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	10A/250VAC

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

