



22.5 × 16.8 × 20.2



Features

- Small size, light weight .Low coil power consumption.
- Switching capacity can reach 20A,TV-10.
- PC board mounting.
- Suitable for household electrical appliances, automation system, electronic equipment, instrument and meter application. TV-5、 TV-10 Remote control TV receivers, monitor display, audio equipment high and rushing current application.

Ordering Information

JZC-22F₂ **S** **C** **5** **D** **12VDC**

1 2 3 4 5 6

- | | |
|---|--|
| <p>1 Part number: JZC-22F₂
 2 Enclosure: S: Wash tight ;
 F: Flux proof
 3 Contact arrangement: A:1A; B:1B; C:1C</p> | <p>4 Contact rating: 5A,7A,12A,15A,20A/125VAC 28VDC;
 10A/250VAC; 16A/250VAC(1A)
 5 Coil power: L:0.36W; D:0.45W
 6 Coil rated voltage(V): DC:3,5,6,9,12,24,48</p> |
|---|--|

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 10A/250VAC ;16A/250VAC(1A) TV-5,120VAC,240VAC;TV-10(1A),120VAC Motor Load:1/4HP 120VAC	
Max. Switching Power	560W 4000VA	
Max. Switching Voltage	30VDC 400VAC	Max. Switching Current:20A
Contact Resistance	≤100mΩ	Item 4.12 of IEC 61810-7
Operation Life	Electrical	1 × 10 ⁵ Item 4.30 of IEC 61810-7
	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	55.5	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

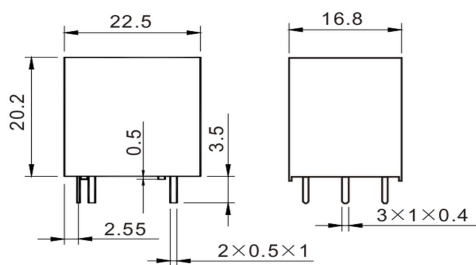
Insulation Resistance	100M Ω min (at 500VDC)	Item 4.11 of IEC 61810-7
Dielectric Strength Between Contacts Between Contact and Coil	50Hz 750V 50Hz 2500V 50Hz	Item 4.9 of IEC 61810-7 Item 4.9 of IEC 61810-7
Shock Resistance	98m/s ² 11ms	Item 4.26 of IEC 61810-7
Vibration Resistance	10Hz~55Hz Double amplitude 1.5mm	Item 4.28 of IEC 61810-7
Terminals Strength	10N	Item 4.24 of IEC 61810-7
Ambient Temperature	-40°C~85°C	
Relative Humidity	5% to 85%	Item 4.16 of IEC 61810-7
Mass	16g	Item 4.7 of IEC 61810-7

Safety Approvals

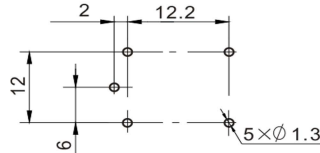
Safety approval	UL&CUR	CQC
Load	15A/125VAC,28VDC TV-5 240VAC; TV-10(1A),120VAC 1/4HP 120VAC	15A/125VAC

Dimensions

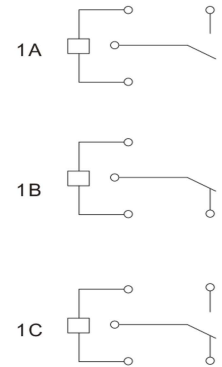
mm



Dimensions



Mounting
(Bottom view)



Wiring diagram
(Bottom view)

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

Reference Data

