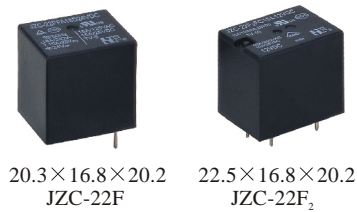


JZC-22F JZC-22F₂



Features

- Small size, light weight .Low coil power consumption.
- Switching capacity can reach 20A.
- 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 S C 5 D DC12V
 1 2 3 4 5 6

1 Part number: JZC-22F JZC-22F ₂	4 Contact rating: 5A,7A,12A,15A/125VAC 28VDC; 3A,6A,7A/220VAC; 6A/250VAC TV-5; (JZC-22F ₂ : 20A/125VAC 28VDC;10A/250VAC; 1/HP 120VAC;TV-10 120VAC)
2 Enclosure: S: Sealed type; F: Dust cover	
3 Contact arrangement: A:1A; B:1B; C:1C	
	5 Coil power consumption: L:0.36W; D:0.45W
	6 Coil rated voltage(V): DC:3,6,9,12,24,48

Contact Data

Contact Arrangement	1A (SPSTNO) 1B (SPSTNC) 1C (SPDT(B-M))
Contact Material	AgCdO AgSnO ₂
Contact Rating	resistive:5A,7A,12A,15A,20A/125VAC,28VDC; 3A,6A,7A,10A/220VAC ; inductive:10A/250VAC; 15A/28VDC (rushing current 80A) (JZC-22FT only) Lamp:TV-5,120VAC,240VAC note:1) 20A/125VAC,28VDC & 10A/250VAC; TV-10,120VAC 1/4HP 120VACJZC-22F ₂ only
Max. Switching Power	450W 2500VA
Max. Switching Voltage	110VDC 380VAC
Max. Switching Current	20A rushing current 80A
Contact Resistance & Voltage drop	<100mΩ Item 4.12 of IEC 61810-7
Operation Life	Electrical: 10 ⁵ Item 4.30 of IEC 61810-7 Mechanical: 10 ⁷ Item 4.31 of IEC 61810-7

Coil Parameter

Dash numbers	Coil voltage VDC		Coil resistance Ω ±10%	Pickup voltage VDC(max) (75%of rated voltage)	Release voltage VDC(min) (10% of rated voltage)	Coil power consumption W	Operate Time ms	Release Time ms
	Rated	Max.						
003-360	3	3.9	25	2.25	0.3	0.36	<15	<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
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.

Operation condition

Insulation Resistance	100MΩ min (at 500VDC)	Item 7 of IEC 60255-5
Dielectric Strength	50Hz 750V	Item 6 of IEC 60255-5
Between contacts	50Hz 1500V 50Hz;JZC-22F : 2500V;	Item 6 & Item 8 of IEC 60255-5
Between contact and coil		
Shock resistance	100m/s ² 11ms	IEC 68-2-27 Test Ea
Vibration resistance	10~55Hz double amplitude 1.5mm	IEC 68-2-6 Test Fc
Terminals strength	10N	IEC 68-2-21 Test Ua1
Solderability	235°C ± 2°C 3 ± 0.5s	IEC 68-2-20 Test Ta method 1
Ambient Temperature	-40~85°C (JZC-22F :70°C)	
Relative Humidity	85% (at 40°C)	IEC 68-2-3 Test Ca
Mass	13g . 16g(JZC-22F ₂)	

Safety approvals

Safety approval	UL&CUR	VDE	TU V	CQC
Load	15A/125VAC,28VDC TV-5 TV-10(22F ₂),120VAC	22F ₂ : 10A/250VAC 28VDC	22F:6A/240VAC 10A/250VDC 15A/28VDC 22F ₂ : 10A/250VAC	6A/250VAC 22F ₂ :15A/125VAC

Dimensions

mm /inch

Mounting (Bottom view)

Wiring diagram (Bottom view)

Dimensions

NOTES 1).Dimensions are in millimeters.
 2).Inch equivalents are given for general information only.

Reference Data

