



20.3 × 16.8 × 20.2

JZC-22F

UL E158859

R50181861

CCC 13002098866

Features

- Small size, light weight .
- Low coil power consumption.
- PC board mounting.
- Suitable for household electrical appliances, automation system, electronic equipment, instrument and meter application. TV-5 remote control TV receivers, monitor display, audio equipment high and rushing current application.

Ordering Information

JZC-22F **S** **C** **5** **D** **12VDC**
 1 2 3 4 5 6

1 Part number: JZC-22F
 2 Enclosure: S: Wash tight; F: Flux proof
 3 Contact arrangement: A:1A; C:1C

4 Contact rating: 5A,7A,12A,15A/125VAC 28VDC;
 3A,6A,7A/220VAC; 6A/250VAC
 5 Coil power: L:0.36W; D:0.45W
 6 Coil rated voltage(V): DC: 3,5,6,9,12,24,48

Contact Data

Contact Arrangement	1A(SPSTNO) 1C(SPDT(B-M))	
Contact Material	AgSnO ₂	
Contact Rating	5A,7A,12A,15A/125VAC,28VDC; 3A,6A,7A/220VAC; 6A/250VAC TV-5,120VAC,240VAC	
Max. Switching Power	420W 1875VA	
Max. Switching Voltage	30VDC 277VAC	Max. Switching Current:15A
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%	Pick-up 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.
 2. Pick-up and drop-out voltage are for test purposes only and are not to be used as design criteria.

Characteristics

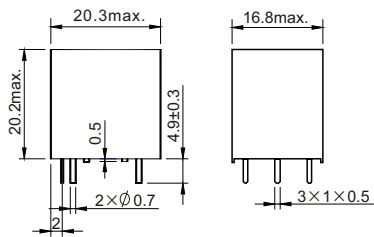
Insulation Resistance	100MΩ min (at 500VDC)	Item 4.11 of IEC 61810-7
Dielectric Strength Between Contacts Between Contact and Coil	750VAC 1min 1500VAC 1min	Item 4.9 of IEC 61810-7
Shock Resistance	98m/s ² 11ms	Item 4.26 of IEC 61810-7
Vibration Resistance	10Hz~55Hz Double amplitude 1.5mm	Item 4.28 of IEC 61810-7
Terminals Strength	10N	Item 4.24 of IEC 61810-7
Ambient Temperature	-40℃~70℃	
Relative Humidity	5% to 85%	Item 4.16 of IEC 61810-7
Weight (Approx.)	13g	Item 4.7 of IEC 61810-7

Safety Approvals

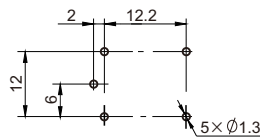
Safety approval	UL&CUR	TüV	CQC
Load	15A/125VAC,28VDC TV-5 120VAC,240VAC	6A/240VAC 10A/28VDC	6A/250VAC

Dimensions

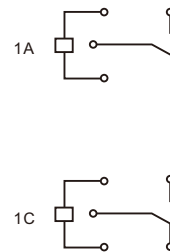
mm



Dimensions



Mounting
(Bottom view)

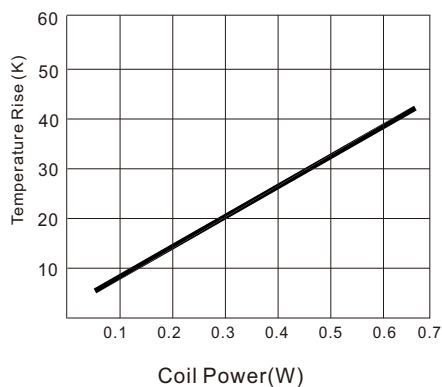


Wiring diagram
(Bottom view)

Remark: 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

Coil Temperature Rise



Endurance Curve

