

# JZC-32F



18.4×10.2×15.4

 us E160644 
  R50126380  
 13002098873

## Features

- 5A, 10A switching capabilities.
- 450mW and 200mW coil available.
- Small size, light weight, suitable for dense installation.
- SPSTNO and SPDT(B-M) configurations.
- Subminiature, standard PC layout.

## Ordering Information

**JZC-32F** **C** **S** **10** **DC12V** **0.2**

1            2    3    4            5            6

1 Part number: JZC-32F  
 2 Contact arrangement: A:1A; C:1C  
 3 Enclosure:S: Wash tight; Z: Flux proof

4 Contact current: 05:5A; 10:10A  
 5 Coil rated voltage (V): DC:3,5,6,9,12,18,24  
 6 Coil power: 0.2:0.2W; 0.45:0.45W

## Contact Data

Contact Arrangement	1A (SPSTNO) 1C (SPDT (B-M))
Contact Material	Ag Alloy
Contact Rating	5A/250VAC,28VDC;10A/125VAC;4.2A/277VAC Motor load:1/4HP 277VAC,250VAC,240VAC,120VAC TV-5 120VAC
Max. Switching Power	150W 1250VA
Max. Switching Voltage	30VDC 277VAC Max.Switching Current:10A
Contact Resistance	≤ 100mΩ Item 4.12 of IEC 61810 -7
Electrical Endurance	1×10 <sup>5</sup> Item 4.30 of IEC 61810 -7
Mechanical Endurance	1×10 <sup>7</sup> 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) (5% of rated voltage)	Coil power W	Operate time ms	Release time ms
	Rated	Max						
003-200	3	3.9	45	2.25	0.15	0.20	≤8	≤5
005-200	5	6.5	125	3.75	0.25			
006-200	6	7.8	180	4.50	0.30			
009-200	9	11.7	405	6.75	0.45			
012-200	12	15.6	720	9.00	0.60			
018-200	18	23.4	1620	13.5	0.90			
024-200	24	31.2	2880	18.0	1.20			
003-450	3	3.9	20	2.25	0.15	0.45	≤8	≤5
005-450	5	6.5	56	3.75	0.25			
006-450	6	7.8	80	4.50	0.30			
009-450	9	11.7	180	6.75	0.45			
012-450	12	15.6	320	9.00	0.60			
018-450	18	23.4	720	13.5	0.90			
024-450	24	31.2	1280	18.0	1.20			

**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 release voltage are for test purposes only and are not to be used as design criteria.

### Characteristics

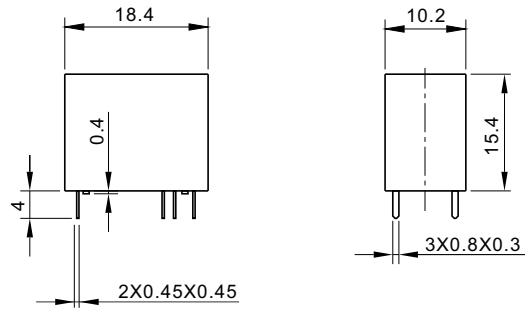
Insulation Resistance	100MΩ min (at 500VDC)	Item 4.11 of IEC 61810-7
Dielectric Strength Between Contacts	1000VAC 1min	Item 4.9 of IEC 61810-7
Between Contact and Coil	2500VAC 1min	Item 4.9 of IEC 61810-7
Shock Resistance	98m/s <sup>2</sup> 11ms	Item 4.26 of IEC 61810-7
Vibration Resistance	10Hz~55Hz Double amplitude 1.5mm	Item 4.28 of IEC 61810-7
Terminals Strength	5N	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.)	6g	Item 4.7 of IEC 61810-7

### Safety Approvals

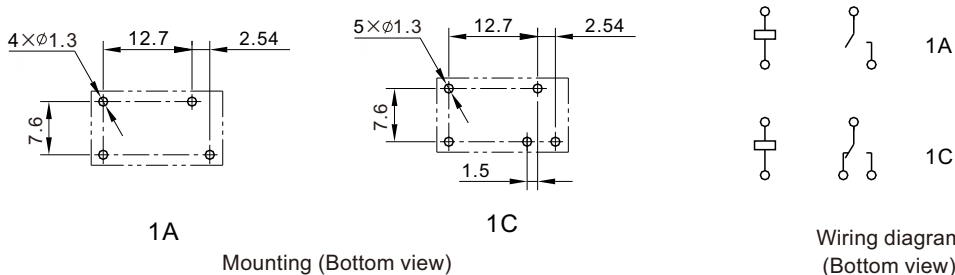
Safety approval	UL & CUR	TüV	CQC
Load	10A/125VAC 5A/250VAC 4.2A/277VAC TV-5 120VAC ¼HP/277VAC 250VAC 240VAC 120VAC	5A/250VAC,28VDC	5A/250VAC

### Dimensions

mm



Dimensions



**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.