

JZC-32FL



VDE 40019012 C US E158859 06001016094

Features
- Subminiature. - Standard PC layout. - Sealed & Unsealed types available.

Ordering Information					
<u>JZC-32FL</u>	<u>C</u>	<u>S</u>	<u>10</u>	<u>DC12V</u>	<u>0.2</u>
1	2	3	4	5	6
1 Part number: JZC-32FL			4 Contact current: 5A		
2 Contact arrangement: A:1A			5 Coil rated voltage (V): DC:3,5,6,9,12,18,24		
3 Enclosure: S:Sealed type; Z:Dust cover			6 Coil power consumption: 0.2:0.2W; 0.45:0.45W		

Contact Data		
Contact Arrangement	1A (SPSTNO)	
Contact Material	Silver Alloy	
Contact Rating (resistive)	5A/250VAC,30VDC	
Max. Switching Power	150W 1250VA	
Max. Switching Voltage	30VDC 277VAC	Max.Switching Current:5A
Contact Resistance or Voltage drop	≤100mΩ Item 4.12 of IEC 61810-7	
Operational 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%	Pick up voltage VDC (max) (75% of rated voltage)	Release voltage VDC (min) (5% of rated voltage)	Coil power consumption 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			

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.

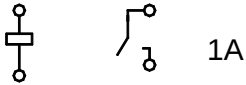
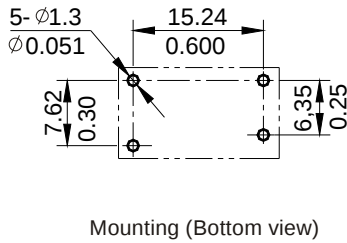
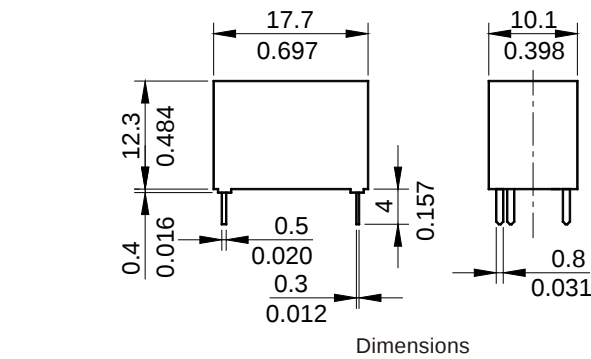
Operation condition

Insulation Resistance	1000MΩ min (at 500VDC)	Item 7 of IEC 61810-5
Dielectric Strength	50Hz 1000V	Item 6 of IEC 61810-5
Between contacts	50Hz 5000V	Item 6 of IEC 61810-5
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	230℃ ± 2℃ 3 ± 0.5s	IEC 68-2-20 Test Tamethod 1
Ambient Temperature	-40~70℃	
Relative Humidity	95% (at 35℃)	IEC 68-2-3 Test Ca
Mass	6g	

Safety approvals

Safety approval	UL & CUR	VDE	CQC
Load	5A/250VAC,30VDC	5A/250VAC	5A/250VAC

Dimensions mm /inch



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