

JZC-32FL



VDE 40019012 cUL E158859 CQC 06001016094
Patent NO.: 200620102357.1

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 2 Contact arrangement: A:1A 3 Enclosure: S:Sealed type; Z:Dust cover			4 Contact current: 5A 5 Coil rated voltage (V): DC:3,5,6,9,12,18,24 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	Lamp load:TV-5 Motor load:1/4HP 277VAC
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		
Between contacts	50Hz 1500V 2500V	Item 6 of IEC 61810-5
Between contact and coil	50Hz 5000V	Item 6 of IEC 61810-5
Shock resistance	100m/s ² 11ms	IEC68-2-27 Test Ea
Vibration resistance	10~55Hz double amplitude 1.5mm	IEC68-2-6 Test Fc
Terminals strength	10N	IEC68-2-21 TestUa1
Solderability	230℃ ± 2℃ 3 ± 0.5s	IEC68-2-20 TestTa method 1
Ambient Temperature	-40~70℃	
Relative Humidity	95% (at 35℃)	IEC68-2-3 Test Ca
Mass	6g	

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

Dimensions

mm /inch

Dimensions

Mounting (Bottom view)

Wiring diagram (Bottom view)

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