

JZC-32F



18.8×10.6×15.3

R50126380  US E174722

Features

- 5A、10A switching capabilities.
- SPSTNO and SPDT(B-M) configurations.
- Subminiature, standard PC layout.
- Sealed & Unsealed types available.

Ordering Information

JZC-32F C S 10 DC12V 0.2

1 2 3 4 5 6

1 Part number JZC-32F	4 Contact current 5A,10A
2 Contact arrangement A:1A C:1C	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) 1C (SPDT (B-M))	
Contact Material	Silver Alloy	
Contact Rating (resistive)	5A/240VAC,250VAC,28VDC;6A/120VAC;10A/125VAC;4.2A/277VAC Motor load:1/4HP 277VAC Lamp load:TV-5	
Max. Switching Power	150W	1250VA
Max. Switching Voltage	30VDC 277VAC	Max.Switching Current:10A
Contact Resistance or Voltage drop	100m	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

CAUTION: 1.For the intermediate current, it only applies to the room temperature.

Coil Parameter

Dash numbers	Coil voltage VDC		Coil resistance ±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

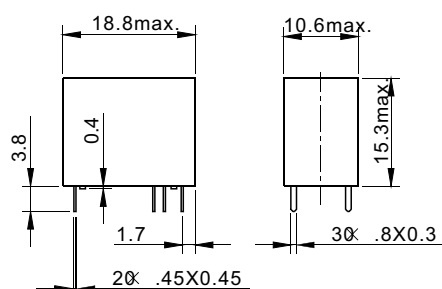
Insulation Resistance	100MΩ min (at 500VDC)	Item 4.11 of IEC 61810-7
Dielectric Strength		
Between contacts	50Hz 1000V	Item 4.9 of IEC 61810-7
Between contact and coil	50Hz 2500V	Item 4.9 of IEC 61810-7
Shock resistance	98m/s ² 11ms	Item 4.26 of IEC 61810-7
Vibration resistance	10Hz~55Hz Double amplitude 1.5mm	Item 4.28 of IEC 61810-7
Terminals strength	10N	Item 4.24 of IEC 61810-7
Ambient Temperature	-40°C~85°C	
Relative Humidity	95% (at 35°C)	Item 4.16 of IEC 61810-7
Mass	6g	Item 4.7 of IEC 61810-7

Safety approvals

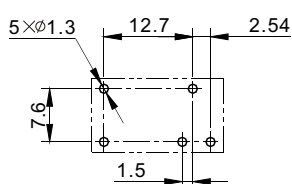
Safety approval	UL & CUR	TUV
Load	10A/125VAC 5A/250VAC 4.2A/277VAC TV-5 120VAC 1/4HP/277VAC 250VAC 240VAC 120VAC	5A/250VAC,28VDC

Dimensions

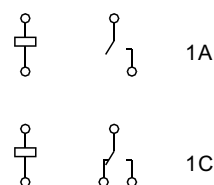
mm



Dimensions



Mounting (Bottom view)



Wiring diagram
(Bottom view)

CAUTION: In case of no tolerance shown in outline dimension: outline dimension $\leq 1\text{mm}$, tolerance should be $\pm 0.2\text{mm}$; outline dimension $> 1\text{mm}$ and $\leq 5\text{mm}$, tolerance should be $\pm 0.3\text{mm}$; outline dimension $> 5\text{mm}$, tolerance should be $\pm 0.4\text{mm}$.