

DB ELECTRO^{CO., LTD.}

Présente / Presents:

NINGBO HUAGUAN ELECTRONICS CO., LTD.



JZC-32F



18.8×10.6×15.3



COC 03001003511

R50016343 c US E160644

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
 2 Contact arrangement: A:1A; C:1C
 3 Enclosure: S:Sealed type; Z:Dust cover
 4 Contact current: 5A,10A
 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) 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	<100mΩ	Item 3.12 of IEC255-7
Operational life	Electrical	10 ⁵ Item 3.30 of IEC255-7
	Mechanical	10 ⁷ Item 3.31 of IEC255-7

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	0.45	<8	<5
003-450	3	3.9	20	2.25	0.15			
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	1.20		
024-450	24	31.2	1280	18.0				

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	100M.Ω min (at 500VDC)	Item 7 of IEC255-5
Dielectric Strength		
Between contacts	50Hz 1000V	Item 6 of IEC255-5
Between contact and coil	50Hz 2500V 4000V	Item 6 of IEC255-5
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 Test Ua1
Solderability	230℃ ±2℃ 3 ± 0.5s	IEC68-2-20 Test Ta method 1
Ambient Temperature	-40~70℃	
Relative Humidity	95% (at 35℃)	IEC68-2-3Test Ca
Mass	6g	

Qualification inspection:

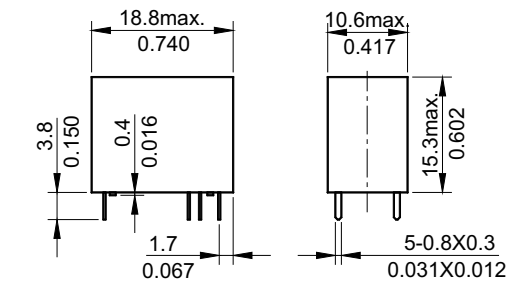
Perform the qualification test as specified in the table IV of IEC255-19-1 and minimum sample size 24.

Safety approvals

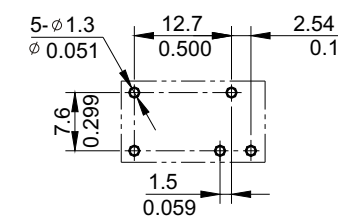
Safety approval	UL & CUR	TUV	CQC
Load	6A/120VAC;10A/125VAC 5A/240VAC,250VAC 4.2A/277VAC TV-5 1/4HP/277VAC 250VAC 240VAC 120VAC	5A/250VAC,28VDC	5A/250VAC

Dimensions

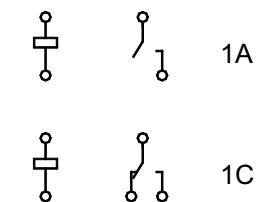
mm /inch



Dimensions



Mounting (Bottom view)



Wiring diagram (Bottom view)

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