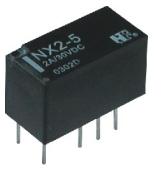
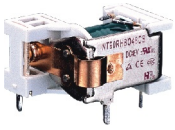
DB LECTRO INC

Présente / Presents:

NINGBO HUAGUAN ELECTRONICS CO.,LTD.

NHG





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24.5×10.5×25.0

JZC-36F

RoHS

c UL us R158859

Patent NO.:200420081938.2

Features

- Heavy load, suitable for heavy power reverse.
- Small size, suitable for high-density mounting..
- Suitable for remote control TV set, copy machine, sales machine and air conditioner etc.

Ordering Information

JZC-36F	C	S	10	DC12V	0.25
1	2	3	4	5	6

1 Part number: JZC-36F
2 Contact arrangement: A:1A; C:1C
3 Enclosure: S:Sealed type; Z:Dust cover
4 Contact current:10A
5 Coil rated voltage(V):DC:5,6,9,12,18,24,48
6 Coil power consumption:0.25:0.25W;0.53:0.53W

Contact Data

Contact Arrangement		1A(SPSTNO)、1C (SPDT(B-M))	
Contact Material AgCdO		$AgSnO_2$	
Contact Rating (resistive)		10A/250VAC,30VDC TV-5	
Max. Switching Power		330W 2500VA	
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						
005-250	5	6.5	100	3.75	0.25	0.25	⩽15	⩽5
006-250	6	7.8	145	4.50	0.30			
009-250	9	11.7	325	6.75	0.45			
012-250	12	15.6	575	9.00	0.60			
018-250	18	23.4	1300	13.5	0.90			
024-250	24	31.2	2310	18.0	1.2			
048-250	48	62.4	9210	36.0	2.4			
005-530	5	6.5	47	3.75	0.25	0.53	⩽15	⩽5
006-530	6	7.8	68	4.50	0.30			
009-530	9	11.7	155	6.75	0.45			
012-530	12	15.6	270	9.00	0.60			
018-530	18	23.4	620	13.5	0.90			
024-530	24	31.2	1080	18.0	1.2			
048-530	48	62.4	4400	36.0	2.4			

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	1000M Ω min (at 500VDC)	Item 7 of IEC255-5
Dielectric Strength Between contacts Between contact and coil	 50Hz 1000V 50Hz 3000V 4000V Surge Voltage 10kV	 Item 6 of IEC255-5 Item 6 of IEC255-5 Item 8 of IEC255-5
Shock resistance	Functional 200m/s² 11ms Survival 1000m/s² 11ms	IEC68-2-27 Test Ea
Vibration resistance	10~55Hz amplitude 1.5mm	IEC68-2-6 Test Fc
Terminals strength	10N	IEC68-2-21 Test Ua1
Solderability	235℃ ±2℃ 3±0.5s	IEC68-2-20 Test Ta method 1
Ambient Temperature	-40~70℃	
Relative Humidity	35%~85% (at 40℃)	IEC68-2-3Test Ca
Mass	12g	

Qualification inspection:

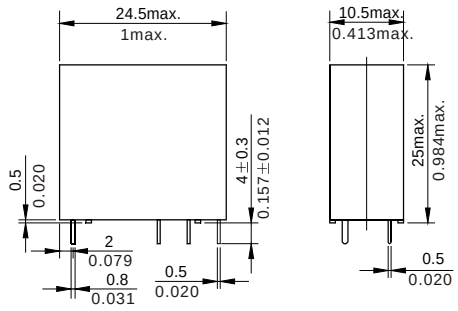
Perform the qualification test as specified in the table Ⅳ of IEC255-19-1 and minimum sample size 24.

Safety approvals

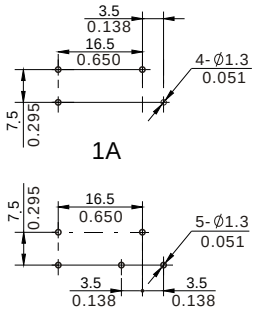
Safety approval	UL & CUR
Load	10A/250VAC,30VDC;TV-5

Dimensions

mm /inch



Dimensions



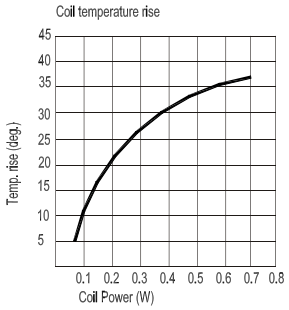
Mounting (Bottom view)

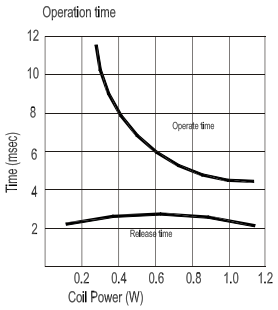
1A 1C

Wiring diagram
(Bottom view)

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

Reference Data





Tolerance: ±0.1/±0.004