

DB ELECTRO^{CO., LTD.}

Présente / Presents:

NINGBO HUAGUAN ELECTRONICS CO., LTD.





Φ31×23

N932



Features	
• Switching capacity up to 15A.	
• Suitable for automation system and auxiliary automobile etc.	

Ordering Information	
N932	C 15 DC12V D
1	2 3 4 5
1 Part number: N932	4 Coil rated voltage(V): DC: 12
2 Contact arrangement: C:1C	5 Coil transient suppression: D: with diode;
3 Contact rating: 15:15A/14VDC	NIL: standard

Contact Data			
Contact Arrangement	1C (SPDT(B-M))		
Contact Material	Au AgNi		
Contact Rating (resistive)	15A/14VDC		
Max. Switching Power	210W		
Max. Switching Voltage	15VDC	Max. Switching Current:15A	
Contact Resistance or Voltage drop	≤50mΩ	Item 3.12 of IEC255-7	
Operation 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%	Pickup voltage VDC(max) (67%of rated voltage)	Release voltage VDC(min) (10% of rated voltage)	Coil power consumption W	Operate Time ms	Release Time ms
	Rated	Max						
012-1800	12	15.6	80	8	1.2	1.8	<10	<8

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 ¹⁾	100MΩ min (at 500VDC)	Item 7 of IEC255-5
Dielectric Strength ¹⁾	Between contacts	50Hz 500V
	Between contact and coil	50Hz 500V
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	8N	IEC68-2-21 Test Ua2
Solderability	235℃ ± 2℃ 5 ± 0.5s	IEC68-2-20 Test Ta method 1
Ambient Temperature	-40~125℃	
Relative Humidity	85% (at 40℃)	IEC68-2-3 Test Ca
Mass	31g	

Note: 1). When testing, coil terminals should be connected, if coil transient suppression is installed in relay .

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

Dimensions		mm /inch
<p>Dimensions</p> <p>Mounting (Bottom view)</p> <p>Wiring diagram (Bottom view)</p>		
<p>NOTES 1).Dimensions are in millimeters. 2).Inch equivalents are given for general information only.</p>		