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DB ELECTRO^{CO., LTD.}

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NINGBO HUAGUAN ELECTRONICS CO.,LTD.



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14.5×14.1×14.0

NG8ND

Features

- Compact size.
- DPDP(B-M) contacts with internal H-bridge.
- Switching capacity up to 25A motor lock load.
- High performance PCB relay.
- Suitable for household electrical appliances, automation system.

Ordering Information**NG8ND 2S C DC12V 0.80**

1 2 3 4 5

1 Part number: NG8ND

2 Sensitivity: 2:Standard;

2S:High sensitivity

2L:High temperature (105℃)

2H:High temperature/High sensitivity

3 Contact arrangement: C:2×1C (H-Bridge)

4 Coil rated voltage(V): DC:12

5 Coil power consumption: 0.64:0.64W; 0.80:0.80W

Contact Data

Contact Arrangement	2×1C (DPDT(B-M)) (H-Bridge)		
Contact Material	AgSnO ₂		
Contact Current	25A motor lock (14VDC)		
Max. Switching Power	480W		
Max. Switching Voltage	16VDC	Max. Switching Current:30A	
Contact Resistance or Voltage drop	≤ 250mV (at 10A)	Item 3.12 of IEC255-7	
Operation life	Electrical	10 ⁶	Item 3.30 of IEC255-7
	Mechanical	10 ⁶	Item 3.31 of IEC255-7

Coil Parameter

Model	Coil voltage VDC		Coil resistance Ω ±10%	Pickup voltage VDC(max)	Release voltage VDC(min) (8.3% of rated voltage)	Coil power consumption W	Operate Time ms	Release Time ms
	Rated	Max.						
2	12	16	225	7.2	1.0	0.64	≤10	≤5
2S	12	16	180	6.5	1.0	0.80		
2L	12	16	225	7.2	1.0	0.64		
2H	12	16	180	6.5	1.0	0.80		

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.