

DB ELECTRO^{CO., LTD.}

Présente / Presents:

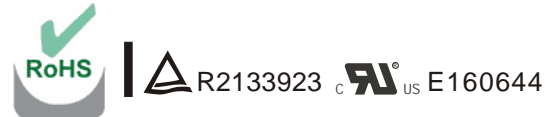
NINGBO HUAGUAN ELECTRONICS CO., LTD.



NG4U



22.5 × 12.5 × 19



Features	
<ul style="list-style-type: none"> Can be welded directly onto PCB. Used in household appliances like air conditioning , heater and instruments etc. 	

Ordering Information	
NG4U C S 10 DC12V	
1 Part number: NG4U 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:6,12,24	

Contact Data	
Contact Arrangement	1A (SPSTNO) 1C (SPDT(B-M))
Contact Material	AgCdO AgSnO ₂
Contact Rating (resistive)	5A,10A/125VAC,28VDC
Max. Switching Power	280W 1250VA
Max. Switching Voltage	30VDC 220VAC Max. Switching Current:10A
Contact Resistance or Voltage drop	<50mΩ 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

Dash numbers	Coil voltage VDC		Coil resistance Ω ±10%	Pickup voltage VDC(max) (75% of rated voltage)	Release voltage VDC(min) (10% of rated voltage)	Coil power consumption W	Operate Time ms	Release Time ms
	Rated	Max.						
006-360	6	7.8	100	4.2	0.6	0.36	<10	<5
012-360	12	15.6	400	8.4	1.2			
024-360	24	31.2	1600	16.8	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	250MΩ min (at 500VDC)	Item 7 of IEC255-5
Dielectric Strength	50Hz 750V	Item 6 of IEC255-5
Between contacts	50Hz 2000V surge voltage 4kV	Item 6 and item 8 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	5N	IEC68-2-21 Test Ua1
Solderability	235°C ± 2°C 3 ± 0.5s	IEC68-2-20 Test Ta method 1
Ambient Temperature	-25-70°C	
Relative Humidity	85% (at 40°C)	IEC68-2-3Test Ca
Mass	8.6g	

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& C UR	TUV
Load	10A/125VAC 5A/250VAC	5A/250VAC;28VDC

Dimensions		mm /inch
<p>NOTES 1).Dimensions are in millimeters. 2).Inch equivalents are given for general information only.</p>		