

NG4U



22.5 × 12.5 × 19

R2133923 c us E160644

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	4 Contact current: 5A,10A
2 Contact arrangement: A:1A; C:1C	5 Coil rated voltage(V): DC:6,12,24
3 Enclosure: S:Sealed type; Z:Dust cover	

Contact Data	
Contact Arrangement	1A(SPSTNO) 1C (SPDT(B-M))
Contact Material	AgCdO AgSnO ₂
Contact Rating (resistive)	5A,10A/125VAC,28VDC 5A/250VAC
Max. Switching Power	280W 1250VA
Max. Switching Voltage	30VDC 220VAC Max. Switching Current:10A
Contact Resistance or Voltage drop	<50mΩ Item 4.12 of IEC 61810-7
Operational life	Electrical 10 ⁵ Item 4.30 of IEC 61810-7
	Mechanical 10 ⁷ Item 4.31 of IEC 61810-7

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 IEC 61810-5
Dielectric Strength	50Hz 750V	Item 6 of IEC 61810-5
Between contact and coil	50Hz 2000V surge voltage 4kV	Item 6 and item 8 of IEC 61810-5
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	

Safety approvals		
Safety approval	UL& C UR	TUV
Load	10A/125VAC 5A/250VAC	5A/250VAC;28VDC

Dimensions

mm /inch

1A 1C

Wiring diagram (Bottom view)

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