

 $22.5 \times 12.5 \times 19$

NG4U

R2133923 c **%** us E160644

Features

- Can be welded directly onto PCB.
- Used in household appliances like air conditioning, heater and instruments etc.

Ordering Information NG4U C S 10 DC12V 3

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 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	Electrical	10 ⁵	Item 4.30 of IEC 61810-7	
life	Mechanical	10 ⁷	Item 4.31 of IEC 61810-7	

Coil Parameter

	Dash numbers	Coil voltage VDC		$\begin{array}{c} \text{Coil} \\ \text{resistance} \\ \Omega \pm 10\% \end{array}$	Pickup voltage VDC(max) (75% of rated	Release voltage VDC(min) (10% of rated	Coil power consumption W	Operate Time ms	Release Time ms
		Rated	Max.	ı	voltage)	voltage)			
	006-360	6	7.8	100	4.2	0.6			
	012-360	12	15.6	400	8.4	1.2	0.36	≪10	≪5
	024-360	24	31.2	1600	16.8	2.4			

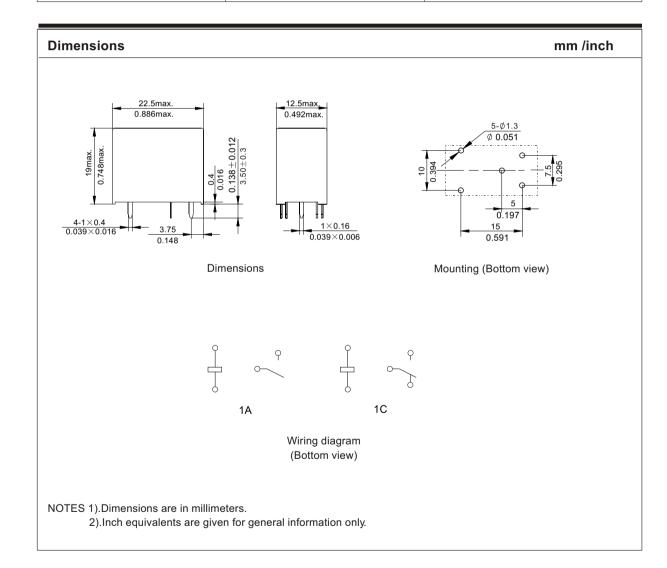
CAUTION: 1. The use of any coil voltage less than the rated coil voltage will compromise the operation of the relay. 2.Pickup and release voltage are for test purposes only and are not to be used as design criteria.

Operation condition

Insulation Resistance	250MΩ min (at 500VDC)	Item 7 of IEC 61810-5	
Dielectric Strength			
Between contacts	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℃ ± 2℃ 3 ± 0.5s	IEC68-2-20 Test Ta method 1	
Ambient Temperature	-25~70℃		
Relative Humidity	85% (at 40℃)	IEC68-2-3Test Ca	
Mass	8.6g		

Safety approvals

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



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