

17.5×6.5×12.5

Features

■ Small size, light weight.

Low coil power consumption 0.2W.

PC board mounting.

■ Suitable for household electrical appliance, automation system, electronic equipment, instrument, meter, telecommunication facilities and remote control facilities.

Contact Data

Contact Arrangement 1A

Contact Material

Silver Alloy 5A/30VDC,250VAC; Contact Rating (resistive)

150W 1250VA 30VDC 250VAC Max. Switching Power min Load:10mA/5VDC Max. Switching Current:5A Max. Switching Voltage Contact Resistance & Voltage drop ≤100mΩ Item 3.12 of IEC255-7 $1\times 10^{5}\,$ Operation Electrical Item 3.30 of IEC255-7 life 2×10^7 Item 3.31 of IEC255-7 Mechanical

CAUTION:

Relays previously tested or used above 10mA resistive at 6VDC maximum or peak AC open circuit are not recommended for subsequent use in low level applications.

Coil Parameter

Coil voltage VDC		Coil resistance Ω±10%	Pickup voltage VDC(max) (75%of rated	release voltage VDC(min) (10% of rated	Coil power consumption	Operate Time ms	Release Time ms
Rated	Max.		voltage)	voltage)			
5	6.5	125	3.75	0.5			
12	15.6	720	9.00	1.2	0.2W	≪10	≪5
24	31.2	2880	18.0	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

 $1000M\Omega$ min (at 500VDC) Insulation Resistance Item 7 of IEC255-5

Dielectric Strength

Item 6 of IEC255-5 Between contacts 50Hz 750V

Between contact and coil Item 6 and 8 of IEC255-5 50Hz 3000V Surge voltage:6kV

Functional: 100m/s² 11ms Shock resistance

IEC68-2-27 Test Ea Endurance: 1000m/s² 6ms

IEC68-2-6 Test Fc

10~55Hz Functional double amplitude 1.5mm Vibration resistance Endurance: double amplitude 1.5mm

Terminals strength IEC68-2-21 Test Ua1 5N

Solderability 230℃ ±2℃ $10 \pm 0.5s$ IEC68-2-20 Test Ta method 1

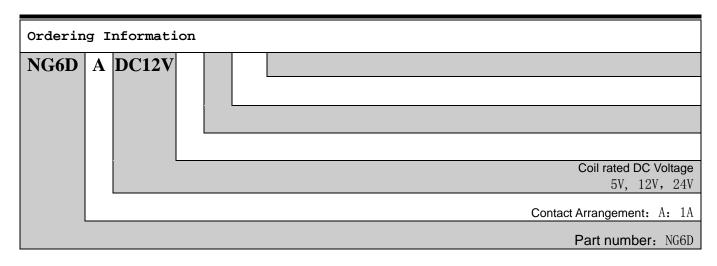
Ambient Temperature -25~70℃

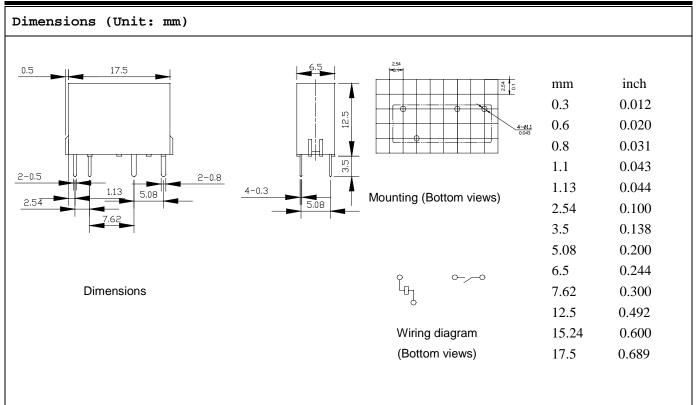
Relative Humidity 35%~85%

IEC68-2-3Test Ca Mass 3g

Qualification inspection:

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





NOTES 1). Dimensions are in millimeter.

2).Inch equivalents are given for general information only.