

繼電器

# Signal Relay

### Features

- Low coil power consumption.
- Small size and low cost.
- Sealed type available.
- P.C.B. mounting, DIL pitch terminal.
- Lead - Free (LF) products available.
- UL recognized.
- TÜV recognized.



### Order Code

N4100 - H S 3 DC5V  
a      b c d e

- a: Relay Model  
N4100: Coil One Side;  
N4100F: Coil Different Side
- b: High Sensitive;
- c: S: sealed type;  
NIL: un-sealed
- d: Nil: 2A ; 3-3A ; 5-5A
- e: Nominal Coil Voltage

### Coil Data-Standard Type (at 20°C)

Nominal Voltage(VDC)	Coil Resistance ± 10% (ohm)	Coil Power Consumption	Max. Operate Voltage (VDC)	Min. Release Voltage (VDC)	Max. Allowable Voltage (VDC)
3	45	0.2W	75%	10%	110%
5	125				
6	180				
9	405				
12	720				
24	2880				

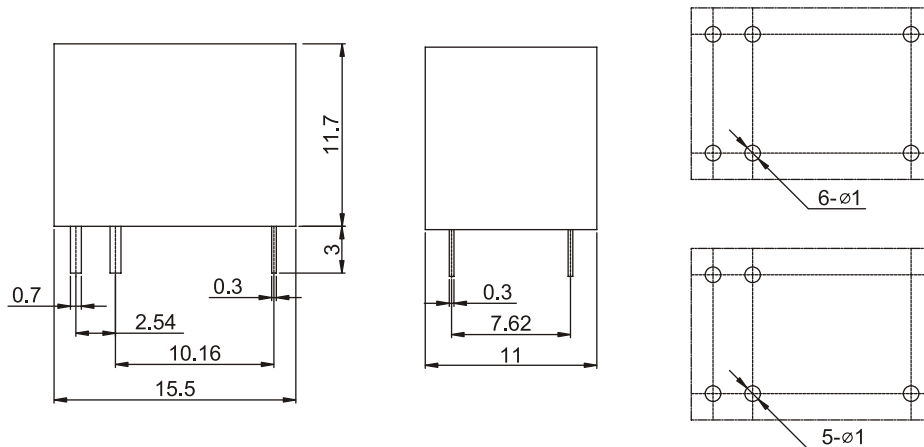
### Contact Rating

Contact Form	1 Form C		
Contact Rating	2A 125VAC / 30VDC	3A 125VAC / 30VDC	5A 125VAC / 30VDC
Max. Switching Voltage	125VAC / 30VDC		
Max. Switching Current	2A	3A	5A

**Specification**

Contact Material	Silver Alloy
Contact Resistance	Max. 100m ohm (6VDC 100mA)
Operate Time	5ms
Release Time	5ms
Insulation Resistance	100M ohm Min. (500VDC)
Dielectric Strength	Between Open Contacts 500VAC (for 1 min) Between Coil to Contacts 500VAC (for 1 min)
Vibration	10-55Hz D., 1.5mm
Shock Resistance	10G
Life Expectancy of Mechanical	10,000,000 ops.Min.(1800 ops/hr)
Life Expectancy of Electrical	100,000 ops. Min.
Operating Temperature	-25°C ~ +55°C
Weight	Approx. 3.8g

**Dimensions (Unit: mm)**



**Wiring Diagrams (Bottom View)**

