

Mini-size EMR**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.

**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: 3 = 3A ; 5 = 5A (Only 0.45W)

e: Nominal Coil Voltage

Coil Data-Standard Type (at 20°C)

Nominal voltage DC±10%[V]	Coil Resistance ±10% (ohm)		Max. Operate Voltage (VDC)	Min. Release Voltage (VDC)	Max. Allowable Voltage (VDC)
	(0.2W)	(0.45W)			
3	45	20	75%	10%	110%
5	125	55			
6	180	80			
9	405	180			
12	720	320			
24	2880	1280			

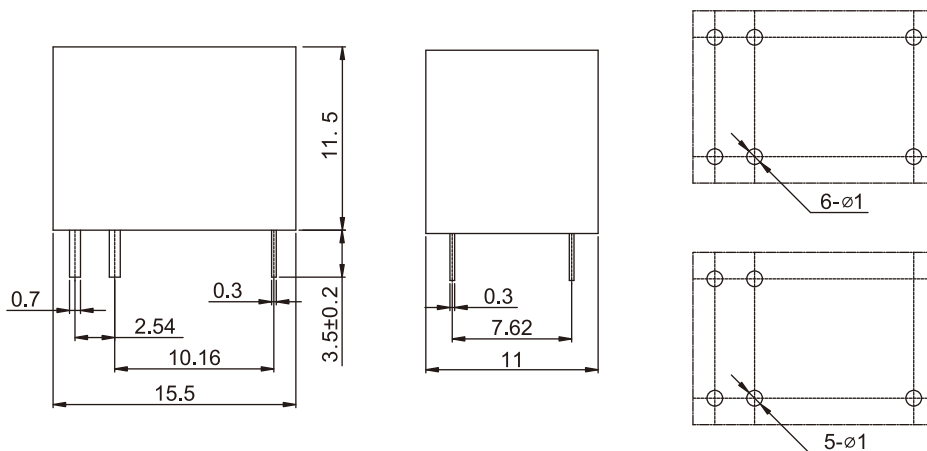
Contact Rating

Contact Form	1 Form C	
Contact Rating	3A125VAC/30VDC	5A125VAC/30VDC
Max. Switching Voltage	125VAC / 30VDC	
Max. Switching Current	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 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 ~ +70°C
Weight	Approx. 3.5g

Dimensions (Unit: mm)



Wiring Diagrams (Bottom View)

