



Magnetic Latching Relay

Part No.
NRL-08A



60A switching capability
 Energy-saving, very low coil power
 Safety: No coil heating, reliable contacting
 Contacts status not change when power failure
 Accessories can be connected on request
 Conform to Stands IEC255 , IEC60065

CONTACT

Arrangement	1A/1B
Contact Material	Silver Alloy
Contact Resistive	Max.: 2 mΩ
Rating	
Resistive load (cosφ=1)	60A 250VAC/28VDC
Max. Switching Voltage	250VAC/110VDC
Max. Switching Power	15000VA/1680W
Expected life	
Mechanical	5×10 ⁵
Electrical	5×10 ⁴

CHARACTERISTICS

Operate Time	15msec. Max.
Release Time	15msec. Max.
Initial breakdown voltage	
Between Coil & Contact	4000VAC (50/60Hz)for 1 min.
Between Open Contacts	2000VAC (50/60Hz)for 1 min.
Insulation Resistance	Min.500MΩ (500 VDC)
Ambient temperature	-40 ~ +55
Unit weight	36g

TYPICAL APPLICATION

- 1) Prepayment Energy Meters/Water Meters/Gas Meters
- 2) Public Lighting Controlling.

ORDERING INFORMATION

e.g

NRL - 08A - P - 12D - S

Series: NCR Latching Relay

Part No. A Series

Mounting: Nil=Welding ; P= PCB Type

Coil Voltage: 5~48Vdc

Nil= Dual Coils; S= Single Coil

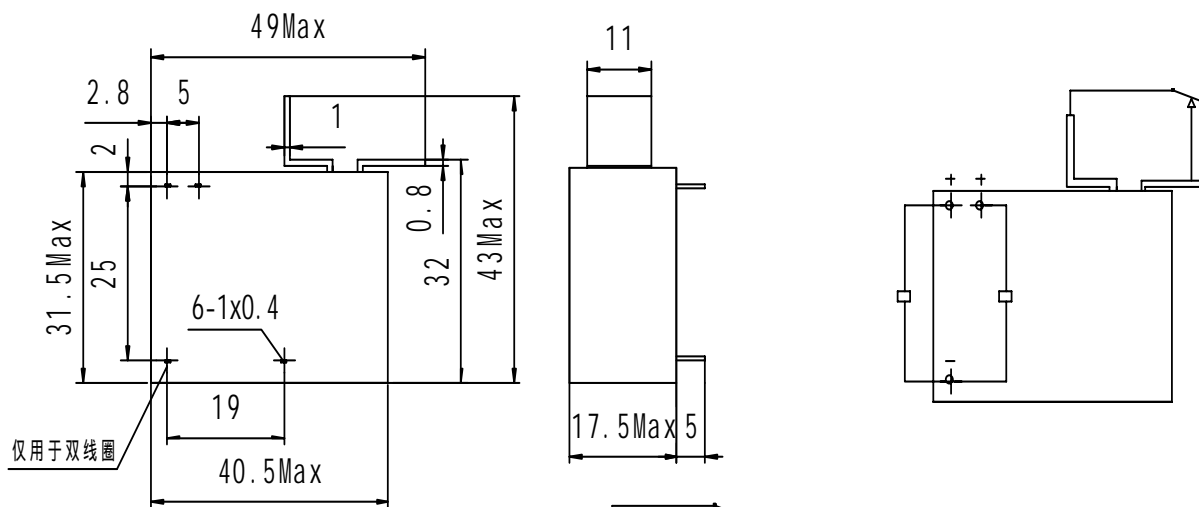
COIL DATA (at 20)

Rated Voltage (Vdc)	Coil Resistance(Ω) \pm 6%		Coil Power (W)		Set/Reset Voltage (VDC)	Max.Allowable Voltage (VDC)
	Single Coil	Dual Coil	Single Coil	Dual Coil		
5	25	13 ; 13	1.0	2.0	70%	200% of rated Voltage In Pulse
6	36	18 ; 18				
9	81	40.5 ; 40.5				
12	144	72 ; 72				
24	576	288 ; 288				
48	2304	1152 ; 1152				

DIMENSIONS

Unit: mm

NRL-08A



NRL-08AP

