



Industrial &amp; Electrical Components

## Magnetic Latching Relay

Part No.  
**NRL-08B**



60A/80A Switching Capability  
Energy-Saving, Very Low Coil Power  
Safety: No coil heating, Contacting is reliable  
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 80A 250VAC/28VDC
Max. Switching Voltage	250VAC/110VDC
Max. Switching Power	15000VA/1680W
Expected life	
Mechanical	1×10 <sup>6</sup>
Electrical	5×10 <sup>4</sup>

### 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	40g

### TYPICAL APPLICATION

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

### ORDERING INFORMATION

e.g

Series: NCR Latching Relay

Part No. B series

Coil Voltage: 5~48Vdc

Nil= Dual Coils; S= Single Coil

Nil =60A version

80 =80A version

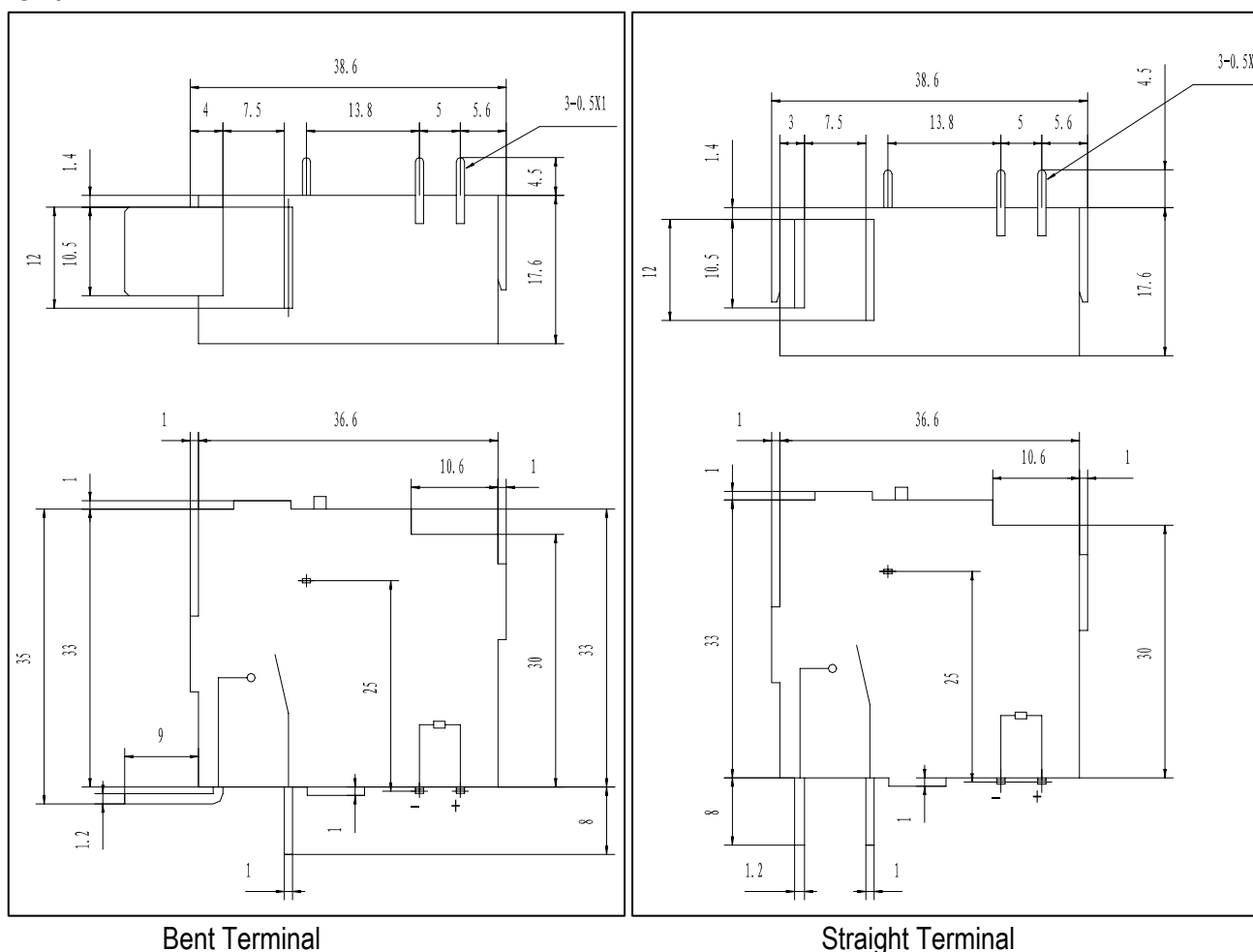
**NRL - 08B - 12D - S - 80**

### COIL DATA (at 20 )

Rated Voltage (Vdc)	Coil Resistance(Ω) ± 6%		Rated Coil Power (W)		Set/Reset Voltage(VDC)	Max.Allowable Voltage(VDC)
	Single Coil	Dual Coil	Single Coil	Dual Coil		
5	17/21	8.3/10.4				
6	24/30	12/15				
9	54/67.5	27/33.75	1.5 (80A version)	3.0 (80A version)	70%	200% rated Voltage In Pulse
12	96/120	48/60	1.2 (60A version)	2.4 (60A version)		
24	384/480	192/240				
48	1536/1920	768/960				

## DIMENSIONS

Unit: mm



Remarks: Pls specify the terminal type when you request samples or ordering