



44.0×44.0×27.0

- Miniature, heavy power
- Low coil power consumption
- Strong anti-shock anti-vibration
- High reliability, Long life
- Suitable for controlling system
- PC board mounting
- Conform to RoHS,

### CONTACT DATA

Contact Form	1A/1B/1C
Contact Material	Silver Alloy
Contact Resistance or Voltage drop	≤ 30mΩ
Contact Ratings (Resistive)	1A : 60A/240VAC 1B : 50A/240VAC 1C : 50A/240VAC
Max Switching Power	18000VA
Max Switching Voltage	300VAC
Max Switching Current	60A
Electrical	4x10 <sup>4</sup>
Mechanical	1x10 <sup>7</sup>

### COIL DATA

at 20℃

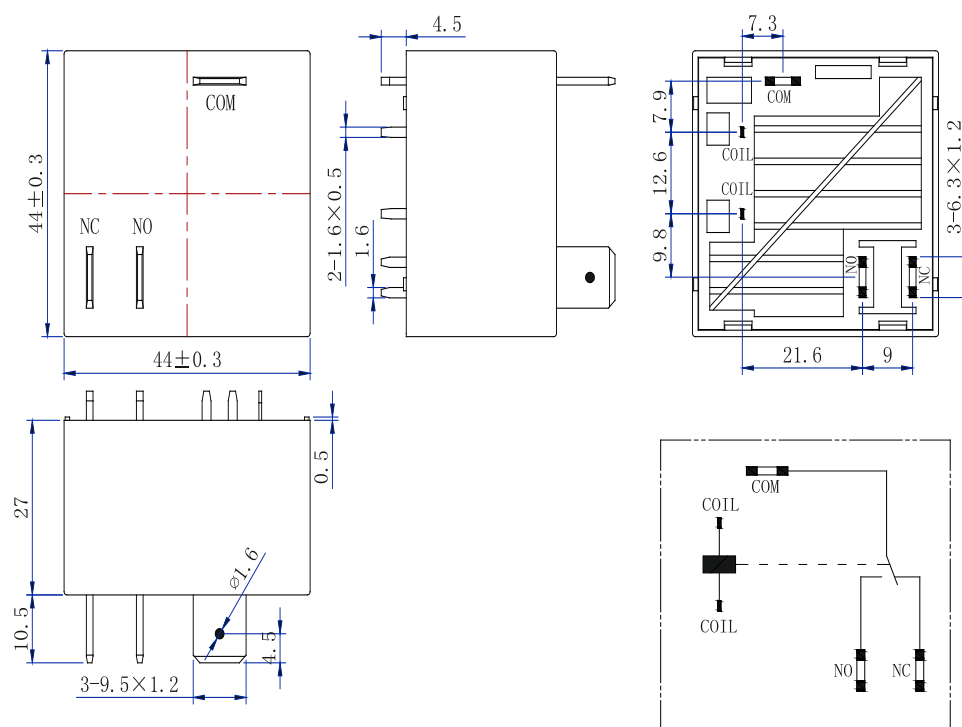
Coil Power 1.6W

Nominal Voltage (VDC)	Rated Current (mA)	Pick-up Voltage (VDC)	Min Release Voltage (VDC)	Coil Resistance (Ω ±10%)
12	15.6	9.0	1.2	90.0
18	23.4	13.5	1.8	202.5
24	31.2	18.0	2.4	360.0
48	62.4	36.0	4.8	1440.0

### CHARACTERISTICS DATA

Insulation Resistance	100MΩ Min (at 500VDC)
Between Open Contacts	50Hz 1500V / 1 minute
Between Contacts and Coil	50Hz 4000V / 1 minute
Operate Time	≤15ms
Release Time	≤10ms
Temperature Range	-30℃to+70℃
Shock Resistance	200m/s <sup>2</sup> 11ms
Terminals Strenght	50N
Vibration Resistance	10-55Hz, double amplitude 1.5mm
Humidity	85% (at 40℃)
Weight	Approx 70g

## OUTLINE DIMENSIONS, WIRING DIAGRAM AND LAYOUT



Wiring diagram (Bottom views)