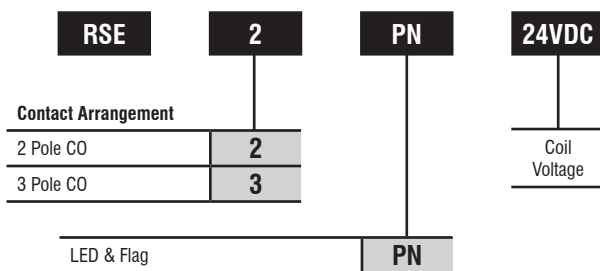


Miniature High Power Relay RSE

- 10A Switching Capability
- Long Endurance (min.100,000 electrical operations)
- Industry Standard 8 or 11 Pin Round Terminals
- Different Sockets Available
- RoHS Compliant
- Outline Dimensions: 35.0 x 35.0 x 53.0mm



Options & Ordering Codes



Contact Data		
Contact Arrangement	2P	3P
Contact Resistance	100mΩ (at 1A 24VDC)	
Contact Material	AgSnO ₂	
Contact Rating	10A 250VAC / 28VDC	NO: 10A 250VAC / 28VDC NC: 5A 250VAC / 28VDC
Max. Switching Voltage	250VAC / 28VDC	
Max. Switching Current	10A	
Max. Switching Power	2500VA / 280W	
Mechanical Life	1x10 ⁷ OPS	
Electrical Life	1x10 ⁶ OPS	

Coil		
Coil Power	DC Type	1.5W
	AC Type	2.4VA

Coil Data at 23°C			
Nominal Voltage VDC	Pick-Up Voltage VDC	Drop-Out Voltage VDC	Coil Resistance Ω
6	4.8	0.6	23.5 (1±10%)
12	9.6	1.2	95 (1±10%)
24	19.2	2.4	430 (1±10%)
48	38.4	4.8	1630 (1±10%)
100	80.0	10.0	6800 (1±10%)
110	88.0	11.0	7300 (1±10%)

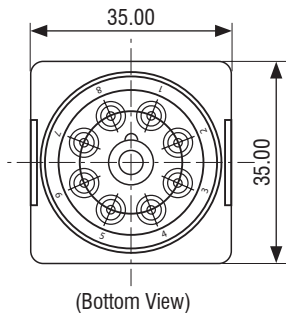
Characteristics		
Initial Insulation Resistance	500MΩ (at 500VDC)	
Dielectric Strength	Between coil & contacts	1500VAC 1min
	Between open contacts	1000VAC 1min
	Between contact sets	1500VAC 1min
Operate Time (at nominal voltage)	30ms max.	
Release Time (at nominal voltage)	30ms max.	
Shock Resistance	Functional	98m/s ²
	Destructive	980m/s ²
Vibration Resistance	10 to 55Hz 1.5mm DA	
Ambient Temperature	-40°C to +55°C	
Humidity	98% RH, +40°C	
Unit Weight	Approx 100g	
Construction	Dust Protected	

Nominal Voltage VAC	Pick-Up Voltage VAC	Drop-Out Voltage VAC	Coil Resistance Ω
6	4.8	1.8	3.9 (1±10%)
12	9.6	3.6	16.9 (1±10%)
24	19.2	7.2	70 (1±10%)
48	38.4	14.4	315 (1±10%)
110	80.0	30.0	1500 (1±10%)
220	160.0	60.0	6200 (1±10%)
230	176.0	66.0	7100 (1±10%)

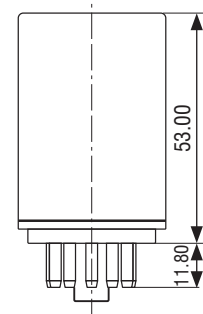
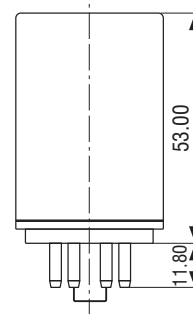
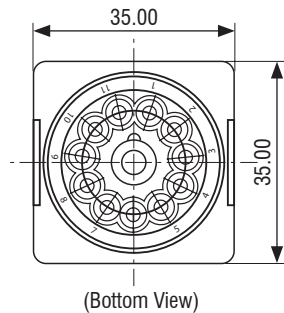
Miniature High Power Relay RSE

Dimensions (mm)

2 Poles CO

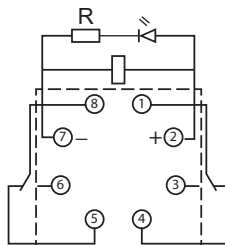


3 Poles CO

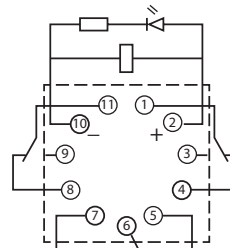


Wiring Diagram

2 Poles CO
(with LED)



3 Poles CO
(with LED)



NOTE: For AC parts with diode, the positive and negative pole markings on wiring diagram are not applicable.