


31.8×27.0×19.1(mm)
特征

30A 触点切换能力

触点与线圈间介质耐压2.5KV

具有一组常开、常闭、转换触点形式

塑封型与防尘罩型可供选择

Features

30A switching capability

PCB coil terminal ,ideal for heavy duty load

2.5KV dielectric strength (between coil and contacts)

1 Form A, 1 Form B and 1 Form C configurations

wash tight and dust protected types available

触点参数 Contact Ratings	
接触形式 Contact Form	1A 1B 1C
触点材料 Contact Material	AgSnO ₂
接触电阻 Contact Resistance	50mΩ (1A 6VDC)
触点负载(阻性) Contact Load (resistive load)	1A:40A 250VAC/30VDC 1C:30A 250VAC/30VDC
最大切换电压 Max.Switching Voltage	277VAC/30VDC
最大额定切换电流(阻性) Max.Rated Switching Current (Resistive Load)	40A(1A 1B) 30A(1C)
最大切换功率 Max.Switching Power	7200VA/600W
机械耐久性 min Mechanical Endurance min	1×10 ⁷ ops
电耐久性 min Electrical Endurance min	1×10 ⁵ ops



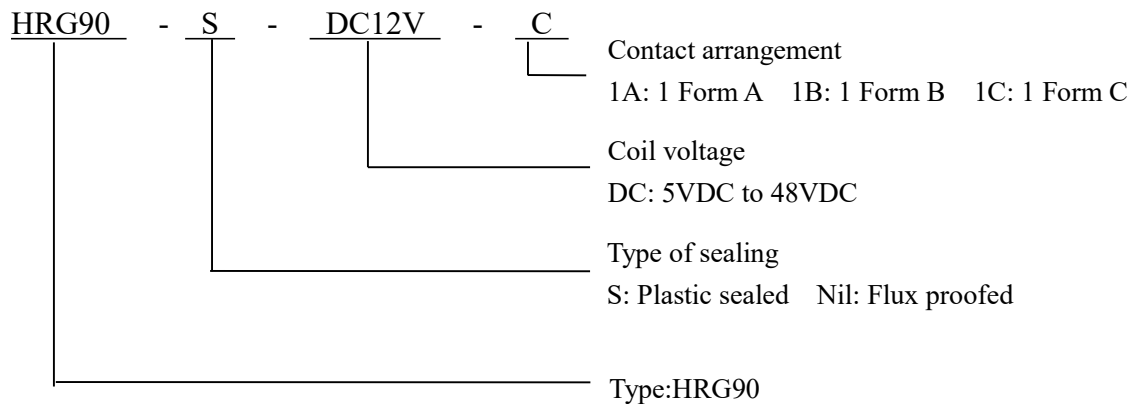
线圈参数 Coil Rating				23°C
额定线圈功率 Rated Coil Power		900mW		
额定电压 Rated Voltage	动作电压 Operate Voltage	释放电压 Release Voltage	最大电压 Max. Voltage	线圈电阻 Coil Resistance
5VDC	3.75VDC	0.5VDC	6.5VDC	27× (1±10%) Ω
6VDC	4.50VDC	0.6VDC	7.8VDC	40× (1±10%) Ω
9VDC	6.75VDC	0.9VDC	11.7VDC	97× (1±10%) Ω
12VDC	9.00VDC	1.2VDC	15.6VDC	155× (1±10%) Ω
15VDC	11.25VDC	1.5VDC	19.5VDC	256× (1±10%) Ω
18VDC	13.5VDC	1.8VDC	23.4VDC	380× (1±10%) Ω
24VDC	18.0VDC	2.4VDC	31.2VDC	660× (1±10%) Ω
48VDC	36.0VDC	4.8VDC	62.4VDC	2560× (1±10%) Ω
70VDC	52.5VDC	7.0VDC	91.0VDC	5500× (1±10%) Ω
110VDC	82.5VDC	11.0VDC	143.0VDC	13450× (1±10%) Ω

性能参数 Specifications		
绝缘电阻 Insulation Resistance		100MΩ(500VDC)
介质耐压 (触点与线圈间) Dielectric Strength (Between coils and contacts)		1500VAC 1min
动作时间 (额定电压下) Operate Time (Below Rated Voltage)		≤15ms
释放时间 (额定电压下) Release Time (Below Rated Voltage)		≤10ms
冲击 Shock	稳定性 Stability	98m/s ²
	强度 Strength	980m/s ²
振动 Vibration		10Hz~55Hz 10g/5g double-amplitude
湿度 Humidity		98%RH,40°C
环境温度 Ambient Temperature		-40 °C to 85°C

重量 Weight	About 35g
引出端方式 Terminal Type	PCB

备注：以上值均为初始值。 Note: the above values are the initial value.

订货标记示例 Ordering Code



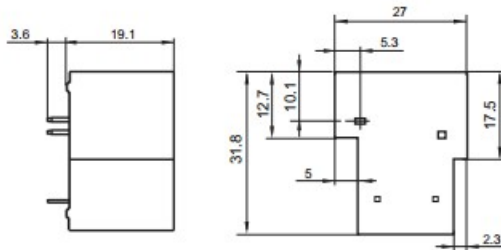
OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOUT

Unit: mm

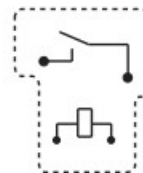
HRG90

1 Form A

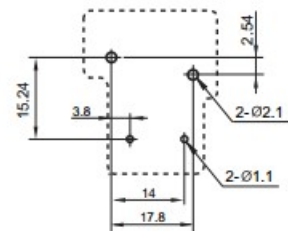
Outline Dimensions



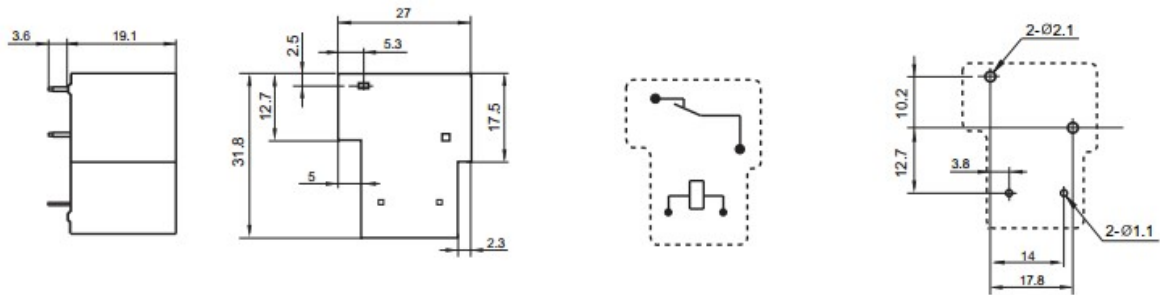
Wiring Diagram
(Bottom view)



PCB Layout
(Bottom view)



1 Form B



1 Form C

