


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	AgCdO
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



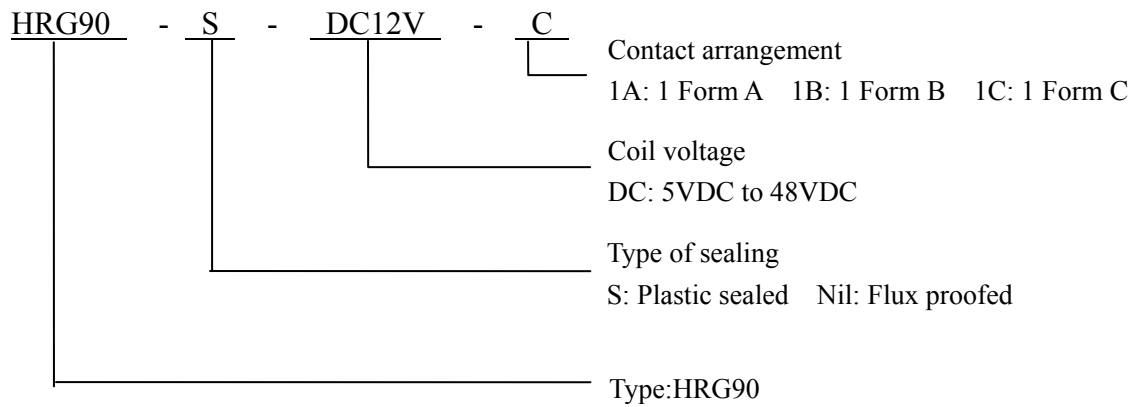
线圈参数 Coil Rating				23℃
额定线圈功率 Rated Coil Power		900mW		
额定电压 Rated Voltage	动作电压 Operate Voltage	释放电压 Release Voltage	最大电压 Max. Voltage	线圈电阻 Coil Resistance
5VDC	3.75VDC	0.5VDC	6.5VDC	27× (1±10%) Ω
6VDC	4.50VDC	0.6VDC	7.8VDC	40× (1±10%) Ω
9VDC	6.75VDC	0.9VDC	11.7VDC	97× (1±10%) Ω
12VDC	9.00VDC	1.2VDC	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℃
环境温度 Ambient Temperature		-40℃ to 85℃

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



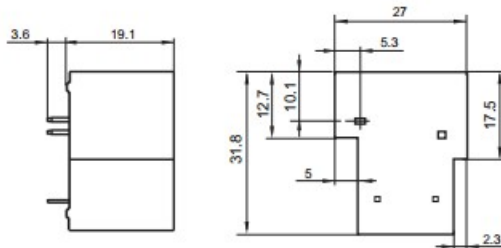
OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOUT

Unit: mm

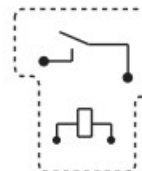
HRG90

1 Form A

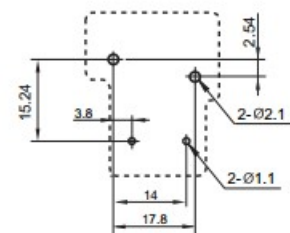
Outline Dimensions



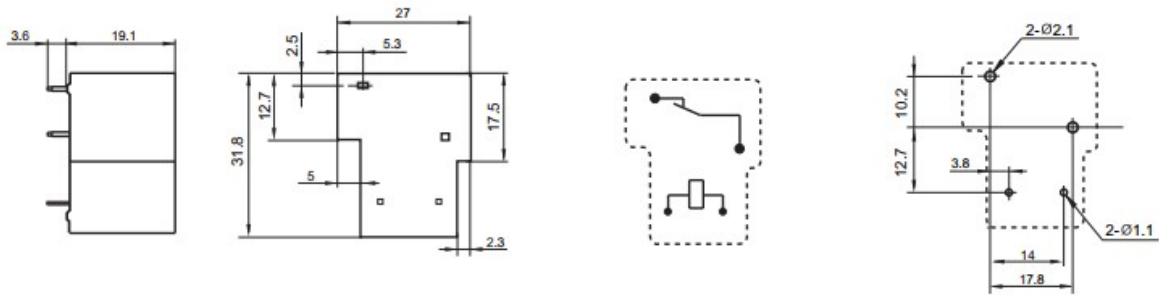
Wiring Diagram
(Bottom view)



PCB Layout
(Bottom view)



1 Form B



1 Form C

