

HRP30

POWER RELAYS



43.0 × 35.5 × 48.0(mm)

特性

30A 触点切换能力,

具有敞开式、防尘罩式, 带安装底板

Features

30A contact Change-over capacity

With Opening and Dust-Proof Type

触点参数 Contact Ratings	
接触形式 Contact Form	1C 2C, 1A 2A
触点材料 Contact Material	AgCdO
接触电阻 Contact Resistance	100mΩ(1A 6VDC)
触点负载(阻性) Contact Load (resistive load)	1C: 30A 250VAC/28VDC 2C: 30A 250VAC/28VDC
最大切换电压 Max.Switching Voltage	250VAC/28VDC
最大额定切换电流(阻性) Max.Rated Switching Current (Resistive Load)	30A
最大切换功率 Max.Switching Power	7500VA/840W
机械耐久性 min Mechanical Endurance min	1×10 ⁷ ops
电耐久性 min Electrical Endurance min	1×10 ⁴ ops

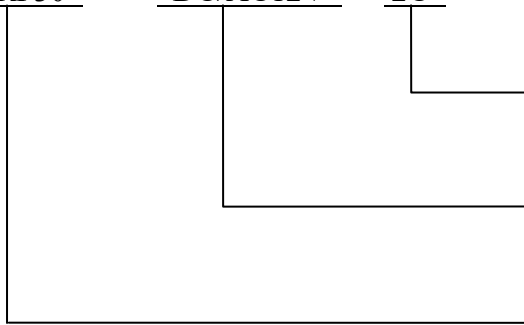
线圈参数 Coil Rating			
额定线圈功率 Nominal Operating Power		DC: 2.5W AC: 4.0VA	
额定电压 Rated Voltage	动作电压 Operate Voltage	释放电压 Release Voltage	线圈电阻 Coil Resistance
6VDC	4.80VDC	0.60VDC	30× (1±10%) Ω
12VDC	9.60VDC	1.20VDC	120× (1±10%) Ω
24VDC	19.0VDC	2.40VDC	330× (1±10%) Ω
48VDC	38.4VDC	4.80VDC	1820× (1±10%) Ω
60VDC	48.0VDC	6.00VDC	2800× (1±10%) Ω
110VDC	88.0VDC	11.0VDC	9650× (1±10%) Ω
额定电压 Rated Voltage	动作电压 Operate Voltage	释放电压 Release Voltage	线圈电阻 Coil Resistance
12VAC	9.60VAC	3.60VAC	11.2× (1±10%) Ω
24VAC	19.2VAC	7.20VAC	4.5× (1±10%) Ω
48VAC	38.4VAC	14.40VAC	100× (1±10%) Ω
110VAC	88.0VAC	36.0VAC	940× (1±10%) Ω
220VAC	176.0VAC	72.0VAC	3764× (1±10%) Ω
240VAC	176.0VAC	72.0VAC	5050× (1±10%) Ω

性能参数 Specifications		
绝缘电阻 Insulation Resistance		1000MΩ(500VDC)
介质耐压 Dielectric Strength	触点与线圈间 Between coils and contacts	2500VAC 1min
	断开触点间 Between open contacts	1200VAC 1min
动作时间（额定电压下） Operate Time (Below Rated Voltage)		≤20ms
释放时间（额定电压下） Release Time (Below Rated Voltage)		≤15ms
环境温度 Ambient Temperature		-40 °C to 70°C
引出端方式 Terminal Type		PCB Socket

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

HRP30 - DC/AC12V - 2C



Contact arrangement

1A: 1 Form A 2A: 2 Form A

1C: 1 Form C 2C: 2 Form C

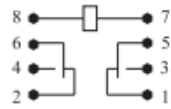
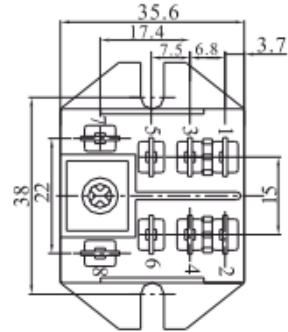
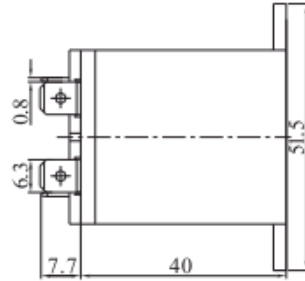
Coil voltage

DC: 5VDC to 220VDC

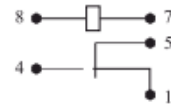
AC: 6VAC to 240VAC

Type

Dimensions :mm



2C



1C