

CE

CCC

RoHS

IEC:61984



特性

Product features

- 高电耐久性
High electrical durability
- 一组/二组转换触点形式
A set / Two sets of conversion contact forms
- 防尘罩型封装形式
Dust cover type package
- 备有插座可供选择
Sockets are available

触点参数 Contact Parameters

触点形式 Contact Form	1NO1NC	2NO2NC
接触电阻 Contact Resistance	≤ 50mΩ	
触点材料 Contact material	详见订货标记 See Order Mark For Details	
触点负载(阻性) Contact load (resistive)	12A 220VAC/24VDC	8A 220VAC/24VDC
最大切换电压 Maximum Switching Voltage	250VAC/30VDC	
最大切换电流 Maximum Switching Current	12A	8A
最大切换功率 Maximum Switching Power	3000VA/360W	
机械寿命 Mechanical Life	≥ 2×10 ⁷	
电气寿命 Electrical Life	室温下, 5A 250VAC/30VDC(1s通9s断): ≥ 40×10 ⁴	
	70°C时, 5A 250VAC/30VDC(1s通9s断): ≥ 20×10 ⁴	
	室温下, 7A 250VAC/30VDC(1s通9s断): ≥ 10×10 ⁴	
	70°C时, 7A 250VAC/30VDC(1s通9s断): ≥ 5×10 ⁴	
	室温下, 12A 250VAC/30VDC(1s通9s断): ≥ 5×10 ⁴	
		70°C时, 12A 250VAC/30VDC(1s通9s断): ≥ 3×10 ⁴

性能参数 Performance Parameters

绝缘电阻 Insulation Resistance	≥ 500mΩ	
抗电强度 Electrical Strength	线圈与触点间 Between coil and contact	5000VAC 50Hz 1Min
	断开的触点间 Between disconnected contacts	3000VAC 50Hz 1Min
	触点组之间 Between contact groups	1000VAC 50Hz 1Min
吸合时间 Absorption Time	≤ 20ms	
释放时间 Release Time	≤ 10ms	
线圈温升 The Coil Temperature Rises	≤ 85K	
高低温冲击实验 High And Low Temperature Impact Experiment	-45°C~+85°C, 85%RH. 40min/循环, 50个循环, 接触电阻≤200mΩ, 按压力变化值≤30%, LED正常	
耐震性 Shock Resistance	XYZ三向, 60Hz, 振幅2mm, 10小时(每2小时观察)	
工作环境湿度 Working Environment Humidity	35~85%	
工作环境温度 Operating Ambient Temperature	-40~+70°C, 非真空状态下, 不结冰情况下	
引出端形式 Lead-out Form	插入式 Plug-in	
重量 Weight	DC24V: 32.9g; AC220V: 30.9g	
封装方式 Encapsulation Method	防尘罩型 Dust Cover Type	

备注: 上述值均为初始值。

Note: The values in the above book are all initial values.

线圈参数 Coil Parameters

额定线圈功率 Rated Coil Power	DC: 约0.53W AC: 约0.9VA
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额定电压 Rated Voltage VDC	动作电压 Operating Voltage VDC	释放电压 Release The Voltage VDC	最大电压 Maximum Voltage VDC	线圈电阻 Coil Resistance Ω
6	≤4.5	≥0.60	6.6	40
12	≤9.0	≥1.20	13.2	160
24	≤18	≥2.40	26.4	640
48	≤36	≥4.80	52.8	2600
100/110	≤82.5	≥11.0	121	13450
220	≤165	≥22.0	242	42000

额定电压 Rated Voltage VAC	动作电压 Operating Voltage VAC	释放电压 Release The Voltage VAC	最大电压 Maximum Voltage VAC	线圈电阻 Coil Resistance Ω
6	≤4.8	≥1.80	6.6	12
12	≤9.6	≥3.60	13.2	45
24	≤19.2	≥7.20	26.4	180
48	≤38.4	≥14.4	52.8	700
100/110	≤88.0	≥33.0	121	3750
220	≤176	≥66.0	242	14500

备注: 1、常温下, 让继电器正常动作时, 需要在继电器的线圈脚施加电压的最小值不得低于额定电压值得80%, 但为了达到规定的产品性能, 使用时请对线圈施加额定电压。
2、最大电压是指继电器线圈在短时间内能承受的最大电压值。

Remarks: 1. At room temperature, when the meter relay is in normal operation, the minimum value of the voltage that needs to be applied to the coil foot of the relay shall not be lower than 80% of the rated voltage, but in order to achieve the specified product performance, please apply the rated voltage to the coil when using.
2. The maximum voltage refers to the maximum voltage value that the relay coil can withstand in a short period of time.

订货标记示例 Example Of Order Mark

RY 1S/2S - CL - D24

企业标识 Enterprise Identity

触点形式 Contact Form 一组转换 1NO1NC 二组转换 2NO2NC

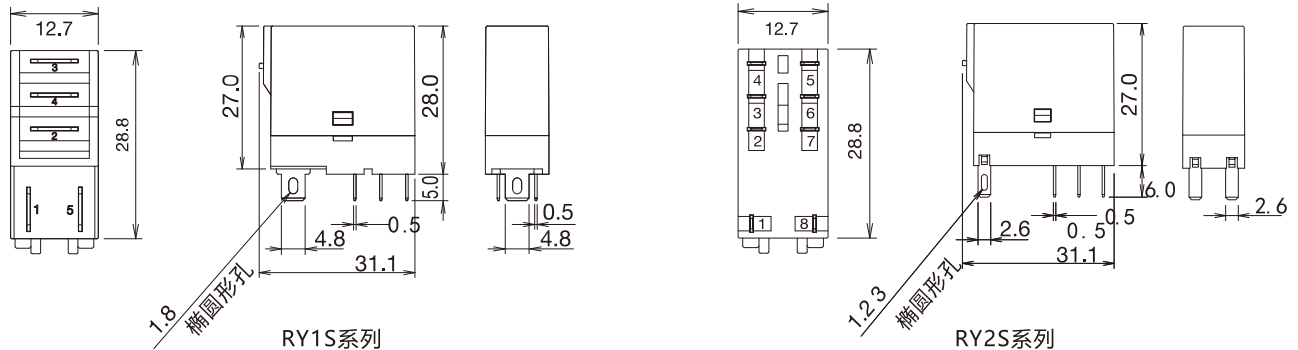
LED

线圈电压 Coil Voltage D: 直流DC A: 交流AC

备注: 1、客户特殊要求由我司评审后, 按特性号的形式标识。

Remarks: 1. After the customer's special requirements are reviewed by our company, they are identified in the form of a feature number.

外形图 Outline Drawing(mm)



接线图 Wiring Diagram

