

## 8位继电器模组 8 bit Relay Module SR8-PA1A-24/SR8-G5NB-24

### ● 特点 Features

本模块对应所有端子接线的PLC的输出模块；  
采用8位继电器模组，体积减少到最小；  
输入输出均采用单排端子连接，NPN、PNP、任意切换。  
采用LED动作显示，各输入输出端状态一目了然。

The module is corresponding to all PLC output modules with terminal wiring.  
Utilizes an 8 bit relay module for compact design to save space, NPN, PNP, any switch.  
Single-strip terminal connection is used for both the input and output;  
Utilizes LED display, so all input and output statuses are visible.

### ● 部品详细参数 Parts detailed parameters

|                |                           |              |                                  |                 |
|----------------|---------------------------|--------------|----------------------------------|-----------------|
| 欧式接线端子<br>端子主体 | 主体材料<br>Body Material     | PA 66V-0防火等级 | 认证<br>Authenticate               | UL CE           |
|                | 端子材料<br>Terminal Material | 磷铜           | 额定电流<br>Rated current            | 10A             |
|                | 电镀层<br>Plating            | 镀锡           | 扭矩<br>Torque                     | 0.4NM(3.5lb-in) |
|                | 主体材料<br>Body Material     | PA 66V-0防火等级 | 认证<br>Authenticate               | CE              |
| 端子主体           | 端盖材料<br>Cover Material    | PC V-0防火等级   | 固定螺丝材料<br>Fixing screws Material | SUS304          |
|                | 扣件<br>Fasteners           | PC V-0防火等级   | PCB板材料<br>PCB board material     | FR-4            |

### ● 发货日期 Ship Date

|                                                                                                                             |                                  |                        |
|-----------------------------------------------------------------------------------------------------------------------------|----------------------------------|------------------------|
| 17:00前订购的库存品可以当日发货<br>Delivery immediately with confirmed order before 17:00PM day off when there is stock in the warehouse | 1~8个<br>1-8 pcs                  | 9个以上<br>More than 9pcs |
| 次日（当日）发货<br>1-2 day                                                                                                         | 另定发货时间<br>Agreed by both parties |                        |

- 最小起订量1个正常交期7~10天；
  - 特殊产品交期20天以上；
  - 非损耗品非人为损坏，一年包换，5年包修；
- 1: MOQ 1 PCS delivery date 7-10 days for regular models  
2: more than 20 days for customized models  
3: Guarantee : one year refundable and 5 year warranty under condition of non-human forces damage

### ● 输入侧额定值/性能 Rated current and voltage specification

|                              |                                       |
|------------------------------|---------------------------------------|
| 额定电压<br>Nominal coil voltage | DC24V                                 |
| 适合电线<br>For wire             | 1.5 mm <sup>2</sup> Following / AWG16 |

### ● 基本样式 Basic Pattern

|                              |                                                            |              |
|------------------------------|------------------------------------------------------------|--------------|
| 额定电压<br>Nominal coil voltage | 输入侧<br>Input side                                          | DC24V        |
|                              | 输出侧<br>Output side                                         | DC30V/AC250V |
| 适合端子<br>Suitable terminal    | 圆形或叉形端子，宽度6cm以下<br>Round or fork terminal, Width below 6cm |              |

### ● 输入/输出侧对应 Corresponding Input/Output Devices

|                                       |                                             |            |
|---------------------------------------|---------------------------------------------|------------|
| 输入侧对应<br>Corresponding Input Devices  | Manufacturers                               | PLC Module |
|                                       | 不限                                          | 不限         |
| 输出侧对应<br>Corresponding output Devices | Solenoid, Warning Light, Relay or Contactor |            |



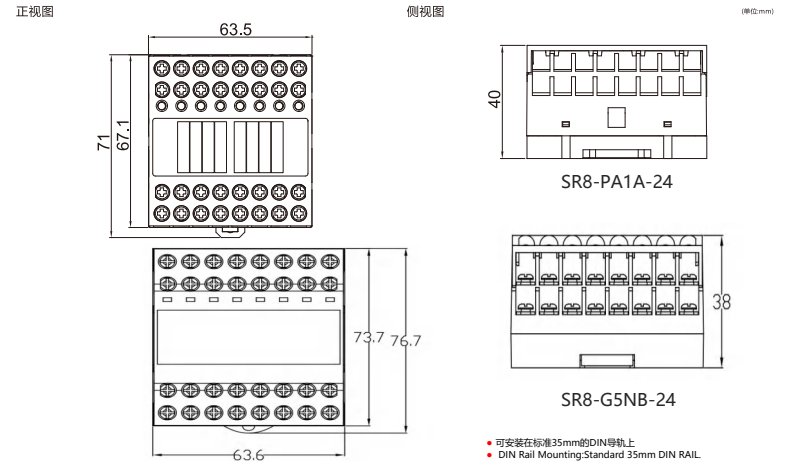
### 输入部额定值/性能 Input Specifications

| 操作线圈（继电器的每一点） Relay Coil Specifications |                                           |                                |                                |                                 |                                         |                                           |
|-----------------------------------------|-------------------------------------------|--------------------------------|--------------------------------|---------------------------------|-----------------------------------------|-------------------------------------------|
| 额定电压<br>Nominal coil voltage<br>(V)     | 额定电流<br>Nominal operating current<br>(mA) | 线圈电阻<br>Coil resistance<br>(Ω) | 动作电压<br>Pick-up Voltage<br>(V) | 复位电压<br>Drop-out Voltage<br>(V) | 最大容许电压<br>Max. allowable voltage<br>(V) | 额定消耗功率<br>Nominal operating power<br>(mW) |
| DC 24V                                  | 7.5mA                                     | 3200 Ω                         | More 70%                       | Following 5%                    | 120%                                    | 180 mW                                    |

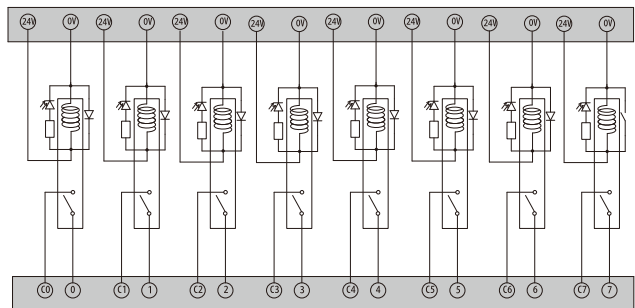
### 输出部额定值/性能 Output Specifications

| 开关部（继电器的每一点） Switch Circuit    |                                                            |                                                            |
|--------------------------------|------------------------------------------------------------|------------------------------------------------------------|
| 触点规格<br>Contact Specifications | 触点结构<br>Arrangement                                        | 1a                                                         |
|                                | 触点接触电阻(初始)<br>Initial contact resistance                   | 30mΩ(Voltage drop through the DC6V1A France)               |
|                                | 额定控制容量(电阻负载)<br>Nominal switching capacity(resistive load) | 5A 250V AC ; 5A 30V DC                                     |
|                                | 最大允许功率<br>Max. switching power(resistive load)             | 1250VA, 150W                                               |
|                                | 最大允许电流<br>Max. switching current                           | 5A                                                         |
|                                | 最大允许电压<br>Max. switching voltage                           | 250V AC ; 110V DC                                          |
|                                | 最小适用负载<br>Min. switching capacity                          | DC 100mv 100uA                                             |
|                                | COM端                                                       | 最大允许电流<br>Max. switching current<br>5A                     |
| 寿命<br>Expected Life            | 机械寿命<br>Mechanical                                         | More than 20 million times(Off frequency of 180 times/min) |
|                                | 电气寿命<br>Electrical                                         | 100, 000 times or more(3A 250AC, 30VDC, Resistive load)    |

### 外形图 Dimensions



### 配线图 Wiring Diagram



SR8-PA1A-24/SR8-G5NB-24