

宽底座型 信号继电器模块

Wide base type signal relay module



特点 Features

- * 输入/输出侧带浪涌吸收回路，可有效延长继电器触点的寿命，并可减缓负载侧的瞬时冲击电流。
- * NPN/PNP双极性输入对应，并且指示灯也会跟随输入信号的不同而亮不同颜色；绿色—NPN；红色—PNP。
- * 输入侧接错线保护。

- * 输入/输出侧是 surge 吸收回路付きで、有効にリレー接点の寿命を延ばし、負荷側の瞬時衝撃電流を低減することができる。
- * NPN/PNPバイポーラ入力対応。インジケータは、入力信号によって、異なる色で点灯する。緑-NPN；赤-PNP。
- * 入力側の間違い接続保護。

- * Input/output side with surge absorbing circuit, which can effectively extend the life of the relay contact, and can slow the instantaneous impact current of load side.
- * NPN/PNP bipolar input corresponding, and the indicator light will also follow the input signal of different and bright color; Green - NPN; Red - the PNP.
- * Input side wrong line protection.

注意事项 note

- 订购前请确认负载类型和大小，选择使用合适方式进行控制。
- 触点保护方案请参考本产品。
- 和PLC连接时，请务必使用本公司开发的与之对应的专用电缆线。
- Before ordering, please confirm the load type and size, choose the suitable way to control.
- Contact protection scheme, please refer to this chapter products.
- When PLC connection, please be sure to use the company zzzdeveloped and the corresponding special cable.

适用PLC Suitable PLC

不限品牌 不限PLC

适合电线 Suitable wire

1.5 mm² Following / AWG16;
剥线长度: 6mm

关联产品 Related products



选型参考 Type selection reference

| 型号 Model | Y446 Y446-C | Y447 Y447-C | Y448 Y448-C | Y449/Y449-D Y449-C Y449-D-C | Y450 Y450-C |
|----------|-------------|-------------|-------------|-----------------------------|-------------|
| 名称 Name | 8位信号继电器模块 | 8位信号继电器模块 | 16位信号继电器模块 | 32位信号继电器模块 | 4位信号继电器模块 |

* 继电器模块的控制信号可设定为NPN型或PNP型，具体方法请咨询销售人员。
The relay module control signal can be set as an NPN and PNP, specific methods please consult sales.

注：1. 在型号后加“C”为经济型，如“Y400-C”
2. 在型号后加“O”为欧姆龙专用，如“Y400-O”详情请咨询相关销售人员。

Note: 1. Add "C" after the model number for economical type, such as "Y400-C". 2. Add "O" after the model number for Omron's exclusive use, such as "Y400-O", please consult the relevant sales staff for details.

规格参数 Specifications

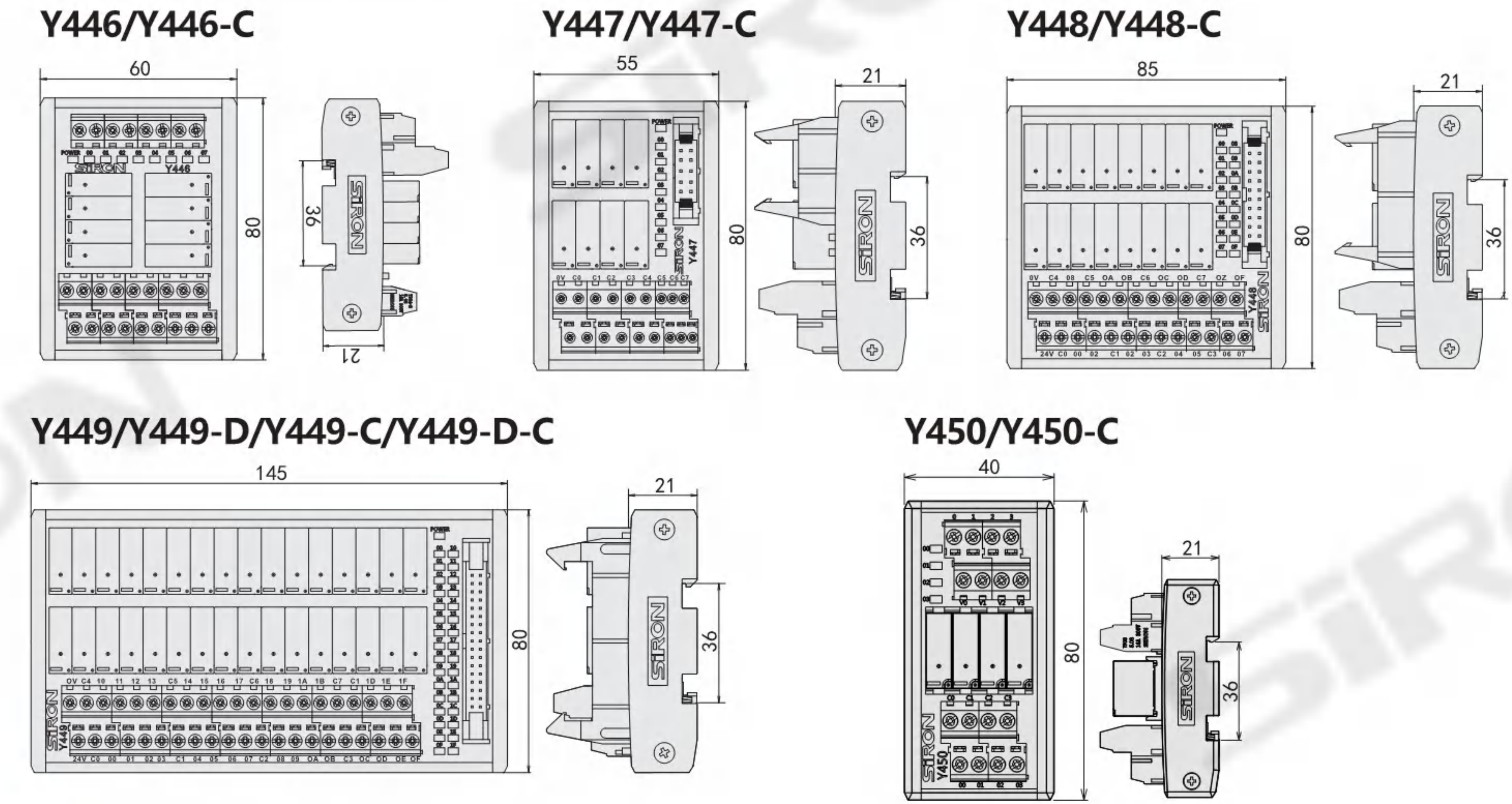
| 型号 model | Y446 Y446-C | Y447 Y447-C | Y448 Y448-C | Y449/Y449-D Y449-C Y449-D-C | Y450 Y450-C | |
|--|--|---|-------------|-----------------------------|-------------|--|
| 操作线圈 (继电器的每一点) Relay Coil Specifications | | | | | | |
| 输入 Input | 额定电压(V) Nominal coil voltage | DC 24V | | | | |
| | 额定电流(MA) Nominal operating current | 7.5mA | | | | |
| | 线圈电阻(Ω) Coil resistance | 3200Ω | | | | |
| | 动作电压(V) Pick-up Voltage | More 70% | | | | |
| | 复位电压(V) Drop-out Voltage | Following 5% | | | | |
| 输出 Output | 最大容许电压(V) Max. allowable voltage | 120% | | | | |
| | 额定消耗功率(MW) Nominal operating power | 180 MW | | | | |
| | 开关部 (继电器的每一点) Switch Circuit | | | | | |
| | 触点结构 Arrangement | 1a | | | | |
| | 触点接触电阻(初始) Initial contact resistance | 30mΩ (Voltage drop through the DC6V1A France) | | | | |
| 触点规格 Contact Specifications | 额定控制容量(电阻负载) Nominal switching capacity (resistive load) | 5A 250V AC, 5A 30V DC | | | | |
| | 最大允许功率 Max. switching power (resistive load) | 1250VA, 150W | | | | |
| | 最大允许电流 Max. switching current | 5A | | | | |
| | 最大允许电压 Max. switching voltage | 250V AC; 110V DC | | | | |
| 寿命 Life | 机械寿命 Mechanical | More than 20 million times (Off frequency of 180 times/min) | | | | |
| | 电气寿命 Electrical | 100, 000 times or more (3A 250AC, 30VDC, Resistive load) | | | | |
| 输出侧对应 Corresponding output Devices | | | | | | |
| Solenoid, Warning Light, Relay or Contactor. | | | | | | |



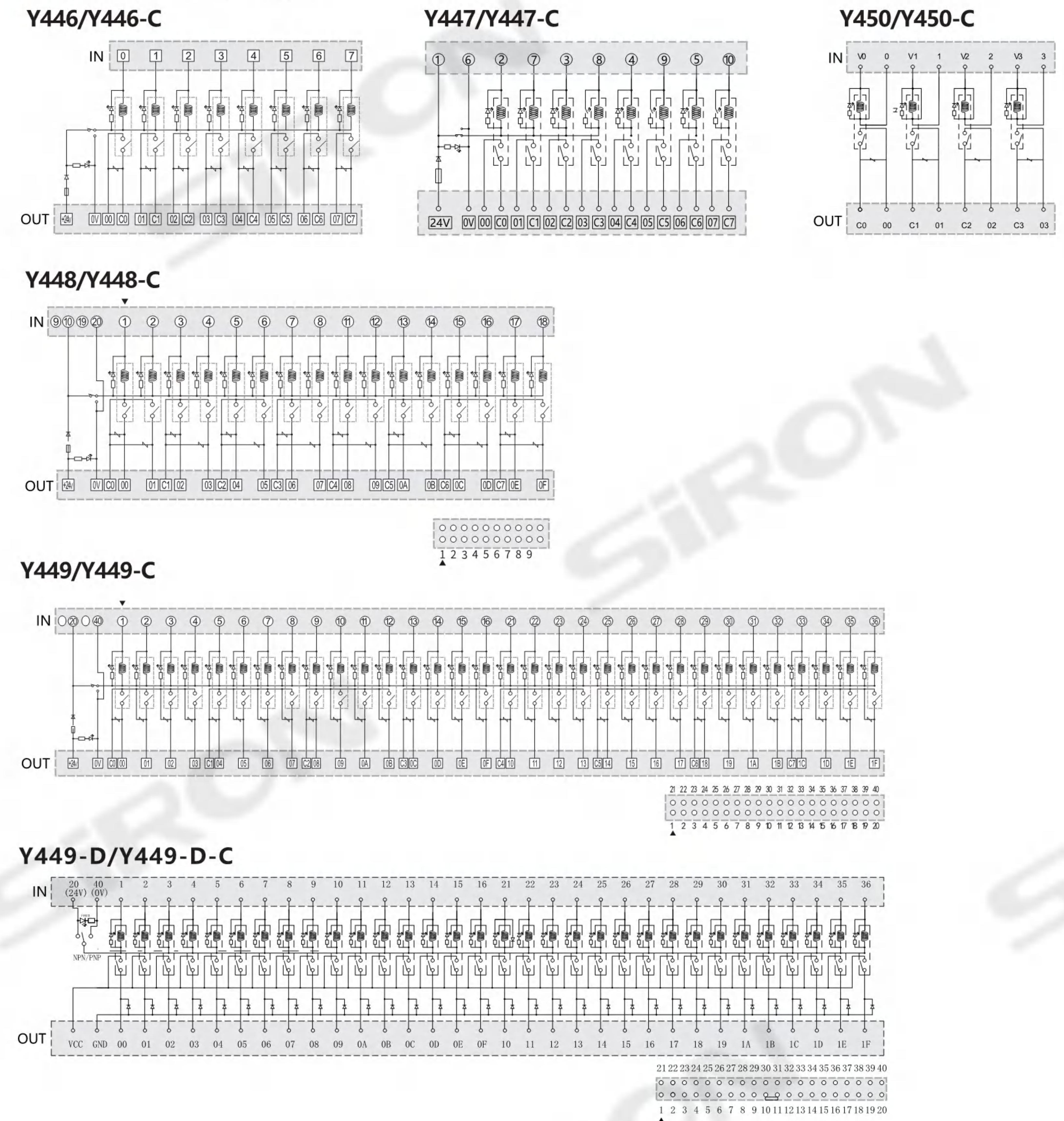
Y449-D 专利号: 202121204696.1

询问胜蓝 0755-8886 0059 当日出货

外形图 Dimensions



配线图 Wiring Diagram



分类

T 总线模块

T 端子台

Y 电气控制

X 连接电缆

D 照明

H 电气配件

P 开关电源

G 辅材配件

F 气动附件