

QMY320/QMY321

2位/4位交流固态继电器



特点 Features

- *输入/输出光耦隔离；
- *超高响应性；
- *过零导通；
- *DIN导轨安装。

输出部额定值/性能

Output Specifications

输入侧 Input Side	额定电压 (V)	5~30V DC
	额定电流 (mA)	25mA MAX
输出侧 Exit Side	最大电压	600V AC
	持续工作时间	6A AC220V
	瞬间最大电流	10A AC220V
	工作频率	50~60Hz
	导出压降	1.6V以下
	绝缘电阻	100MΩ以下
	耐压	AC 2500V 1min
	导通时间 (10~90%)	1ms以下
	关闭时间 (10~90%)	1ms以下

注意事项：

- *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章产品。
- *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。

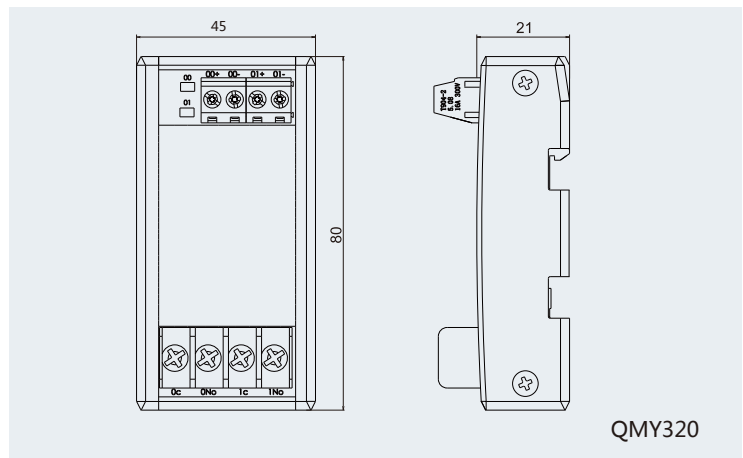
剥线长度

Wire stripping Recommendation

1.5 mm²Following/ AWG16 ;
剥线长度：6mm



外形图 Dimensions



QMY320

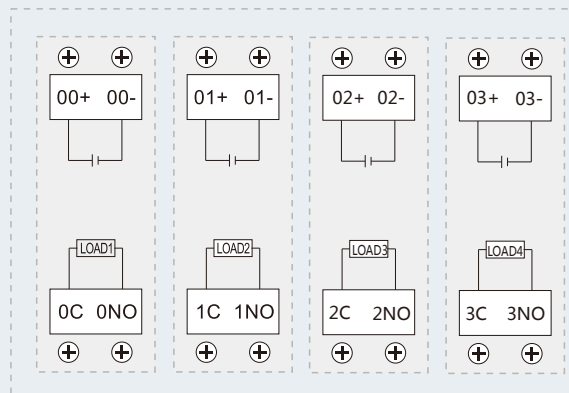
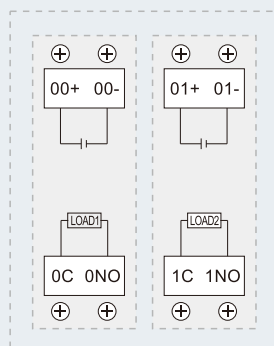
适用范围 Range of Application

应用于工业自动化设备、计算机外围接口设备、恒温系统、调温、电机控制、数控机械、遥控系统、工业自动化装置。
Used in industrial automation equipment, computer peripheral interface equipment, constant temperature system, temperature control, motor control, numerical control machine, remote control system, industrial automation equipment.

配线图 Wiring Diagram

QMY320

QMY321



QMY400/QMY400-P
4位继电器模块 (可加底座)
4 bit relay module



特点 Features

- *采用4位继电器模组，体积减少到最小；
- *采用5位端子台作输入端，单排端子台作输出端，4组继电器独立输出；
- *采用LED动作显示，各输入输出端状态一目了然；
- *继电器线圈带浪涌抑制回路，延长了继电器模组寿命，将线路电磁干扰降到最小；
- *如需加装继电器底座请加A，如：QMY400A，QMY400A-P

基本样式 （输入部额定值/性能）
Rated current and voltage specification

额定电压 Nominal coil voltage	DC24V
适合电线 For wire	1.5 mm² Following/AWG16

输入/输出侧对应
Corresponding Input/Output Devices

	Manufacturers	PLC Module
输入侧对应 Corresponding Input Devices	不限	不限
输出侧对应 Corresponding output Devices	Solenoid, Indicator, Relay or Contactor	

输出部额定值/性能
Output Specifications

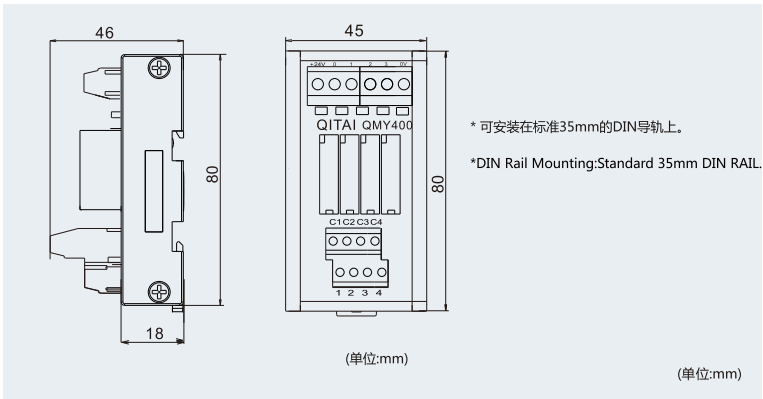
操作线圈（继电器的每一点）Relay Coil Specifications

额定电压 (V)	额定电流 (mA)	线圈电阻 (Ω)	动作电压 (V)	复位电压 (V)	最大容许 电压(v)	额定消耗 功率(mW)
Nominal coil voltage	Nominal operating current	Coil resistance	Pick-up Voltage	drop-out Voltage	Max. allowable voltage	Nominal operating power
DC 24V	7.5mA	3200Ω	More70%	Following 5%	120%	180 MW

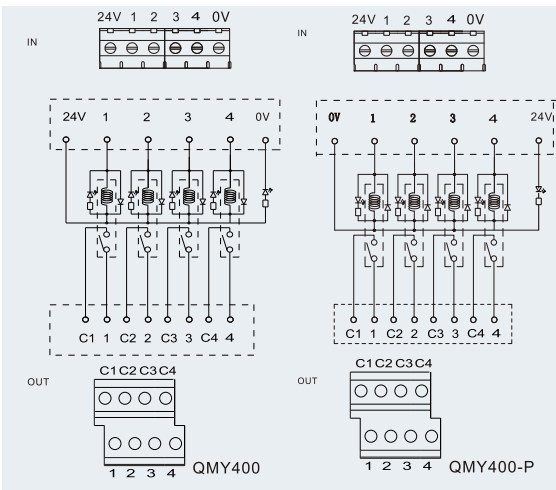
开关部（继电器的每一点）Switch Circuit

触点规格 Contact Specifications	触点结构 Arrangement	1a
	触点接触电阻(初始) Initial contact resistance	30mΩ (Voltage drop through the DC6V1A France)
	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)	1250V,150W
	最大允许电流 Max. switching voltage	5A
寿命 Expected Life	最大允许电压 Max. switching capacity	250V AC ; 110V DC
	最小适用负载 Min. switching capacity	DC 100mv 100uA
	机械寿命 Mechanical	More than 20 million times(Off frequency of 180 times/min)
	电气寿命 Electrial	100, 000 times or more(3A 250AC,30VDC,Resistive load)

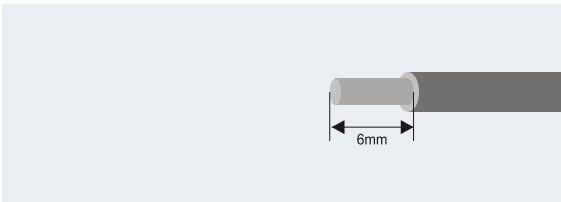
外形图 Dimensions



配线图 Wiring Diagram



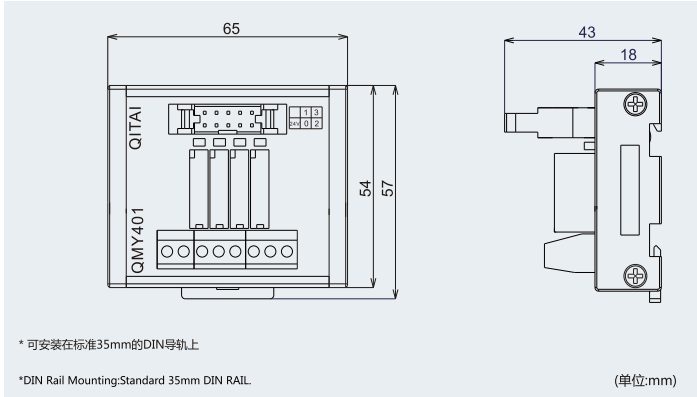
剥线长度
Wire stripping Recommendation



QMY401/QMY401-P
4位继电器中转端子台
4 bit relay terminal block



外形图 Dimensions



输出部额定值/性能
Output Specifications

操作线圈（继电器的每一点）Relay Coil Specifications

额定电压 (V)	额定电流 (mA)	线圈电阻 (Ω)	动作电压 (V)	复位电压 (V)	最大容许 电压(v)	额定消耗 功率(mW)
Nominal coil voltage	Nominal operating current	Coil resistance	Pick-up Voltage	drop-out Voltage	Max. allowable voltage	Nominal operating power
DC 24V	7.5mA	3200Ω	More70%	Following 5%	120%	180 MW

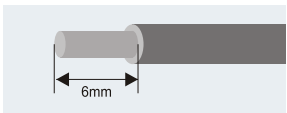
开关部（继电器的每一点）Switch Circuit

触点规格 Contact Specifications	触点结构 Arrangement	1a
	触点接触电阻(初始) Initial contact resistance	30mΩ(Voltage drop through the DC6V1A France)
	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)	1250V,150W
	最大允许电流 Max. switching voltage	5A
寿命 Expected Life	最大允许电压 Max. switching capacity	250V AC ; 110V DC
	最小适用负载 Min. switching capacity	DC 100mv 100uA
	机械寿命 Mechanical	More than 20 million times(Off frequency of 180 times/min)
	电气寿命 Electrial	100, 000 times or more(3A 250AC,30VDC,Resistive load)

关联产品
Related products

QX200-1
QX210-1

剥线长度
Wire stripping Recommendation



特点 Features

- *采用4位继电器模组，体积减少到最小；
- *采用10位连接器作输入端，单排端子台作输出端，4组继电器独立输出；
- *采用LED动作显示，各输入输出端状态一目了然；
- *继电器线圈带浪涌抑制回路，延长了继电器模组寿命，将线路电磁干扰降到最小；
- *如需加装继电器底座请加A，如：QMY401A，QMY401A-P
- *配合本公司本系列其它产品，完全实现高效率省配线的连接。

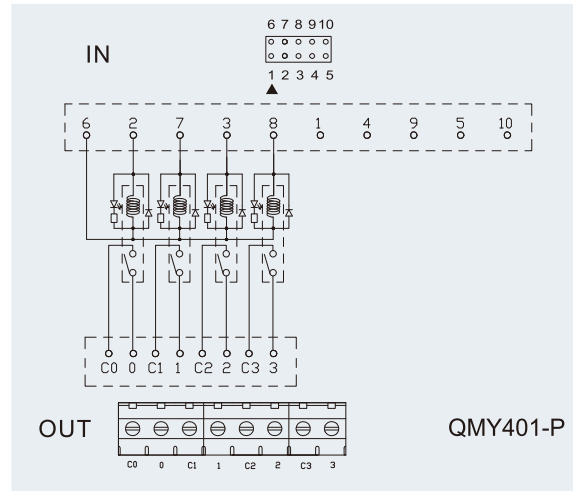
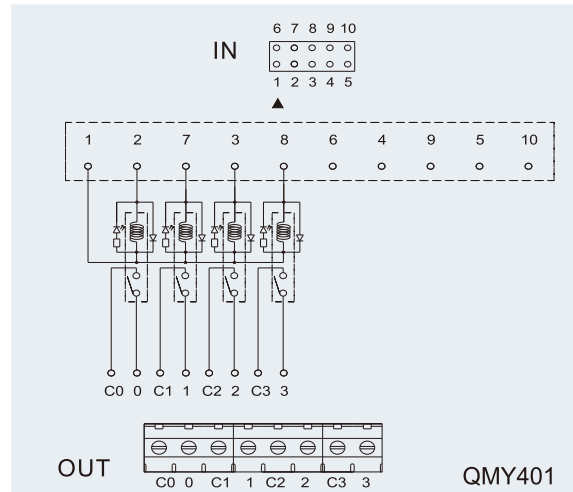
基本样式 （输入部额定值/性能）
Rated current and voltage specification

额定电压 Nominal coil voltage	DC24V
适合电线 For wire	1.5 mm² Following/AWG16

输入/输出侧对应
Corresponding Input/Output Devices

	Manufacturers	PLC Module
输入侧对应 Corresponding Input Devices	Panasonic Fp0 series	FP0-C16T/C16CT(OUT Ministry) FP0-C16P/C16CP(OUT Ministry) FP0-C32T/C32CT/T32CT(OUT Ministry) FP0-C32P/C32CP/T32CP(OUT Ministry) FP0-E16T/P(OUT Ministry) FP0-E32T/P(OUT Ministry) FP0-E8YT FP0-E16YT FPΣ-C32 (OUT Ministry) FPΣ-C28 (OUT Ministry)
输出侧对应 Corresponding output Devices	Solenoid , Indicator , Relay or Contactor	

配线图 Wiring Diagram



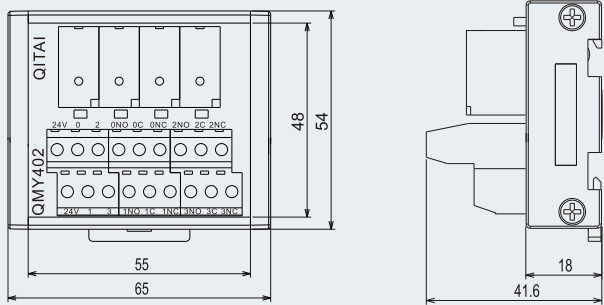
QMY402/QMY402-P
4位继电器模块
4 bit relay Relay Module



特点 Features

- *本模块对应所有带端子台的PLC的输出模块的使用；
- *采用4位继电器模组，体积减少到最小；
- *输入输出均采用端子连接；
- *采用LED动作显示，各输入输出端状态一目了然；
- *继电器触点为1C接点，每个接点均单独引出；
- *板内继电器线圈端内置有自恢复保险丝，具有短路及过流保护功能，以免损坏PLC模块；
- *输出触点公用端独立，带常开常闭触点。

外形图 Dimensions



* 可安装在标准35mm的DIN导轨上。

*DIN Rail Mounting:Standard 35mm DIN RAIL.

(单位:mm)

基本样式 （输入部额定值/性能）
Rated current and voltage specification

额定电压 Nominal coil voltage	DC24V
适合电线 For wire	1.5 mm² Following/AWG16

输出部额定值/性能
Output Specifications

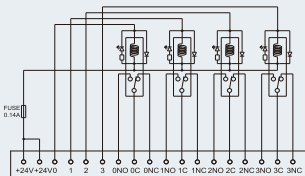
操作线圈（继电器的每一点） Relay Coil Specifications

额定电压 (V) Nominal coil voltage	额定电流 (mA) Nominal operating current	线圈电阻 (Ω) Coil resistance	动作电压 (V) Pick-up Voltage	复位电压 (V) drop-out Voltage	最大容许 电压(v) Max. allowable voltage	额定消耗 功率(mW) Nominal operating power
DC 24V	16.7mA	1440Ω	More80%	Following 5%	130%	400 MW

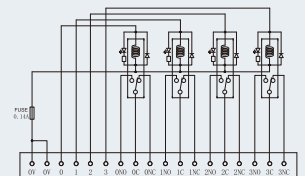
开关部（继电器的每一点） Switch Circuit

触点规格 Contact Specifications	触点结构 Arrangement	1C(一开一闭)
	触点接触电阻(初始) Initial contact resistance	100mΩ(Voltage drop through the DC6V1A France)
	额定控制容量(电阻负载) Nominal switching capacity(resistive load)	NO side 5A 250V AC ;2A 250V AC ; 3A 30V DC NC side 2A 125V AC ;1A 250V AC ; 1A 30V DC
	最大允许功率 Max. switching power(resistive load)	NO. 625VA,90W ; NC. 250VA,30W
	最大允许电流 Max. switching voltage	NO. 5A ; NC.2A
寿命 Expected Life	最大允许电压 Max. switching capacity	250V AC ; 110V DC
	最小适用负载 Min. switching capacity	DC 100mv 100uA
	机械寿命 Mechanical	More than 107 times(Off frequency of 180 times/min)
	电气寿命 Electrial	100 , 000 times or more(3A 250AC,30VDC,Resistive load)

配线图 Wiring Diagram



QMY402



QMY402-P

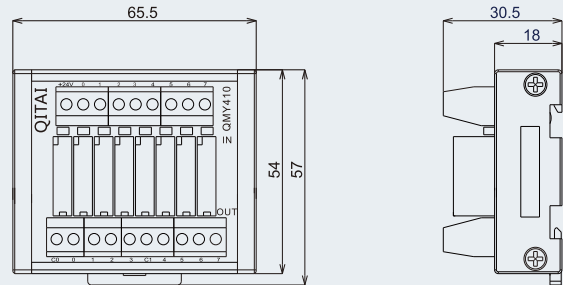
剥线长度
Wire stripping Recommendation



QMY410/QMY410-P
8位继电器端子模块（标准底座及钥匙）
8 bit relay terminal block



外形图 Dimensions



* 可安装在标准35mm的DIN导轨上

* DIN Rail Mounting : Standard 35mm DIN RAIL.

(单位:mm)

输出部额定值/性能
Output Specifications

操作线圈（继电器的每一点） Relay Coil Specifications

额定电压 (V) Nominal voltage	额定电流 (mA) Nominal operating current	线圈电阻 (Ω) Coil resistance	动作电压 (V) Pick-up Voltage	复位电压 (V) drop-out Voltage	最大容许 电压(v) Max. allowable voltage	额定消耗 功率(mW) Nominal operating power
DC 24V	7.5mA	3200Ω	More70%	Following 5%	120%	180 MW

开关部（继电器的每一点） Switch Circuit

触点规格 Contact Specifications	触点结构 Arrangement	1a
	触点接触电阻(初始) Initial contact resistance	30mΩ(Voltage drop through the DC6V1A France)
	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)	1250V,150W
	最大允许电压 Max. switching voltage	5A
寿命 Expected Life	最大允许电压 Max. switching capacity	250V AC ;110V DC
	最小适用负载 Min. switching capacity	DC 100mv 100uA
	机械寿命 Mechanical	More than 20 million times(Off frequency of 180 times/min)
	电气寿命 Electrial	100 , 000 times or more(3A 250AC,30VDC,Resistive load)

剥线长度
Wire stripping Recommendation



特点 Features

- *本模块可以用于所有带端子的PLC的输出模块的使用；
- *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；
- *采用LED动作显示，各输入输出端状态一目了然；
- *内置有反接保护二极管，防止错误配线损坏PLC；
- *输入8路采用一个公共点，输出采用2个公共点；
- *继电器线圈带浪涌抑制回路，将电磁干扰降到最小；
- *可以根据用户需要，安装继电器底座；
- *有NPN，PNP选择；
- *如需加装继电器底座请加上A，如：QMY410A，QMY410A-P

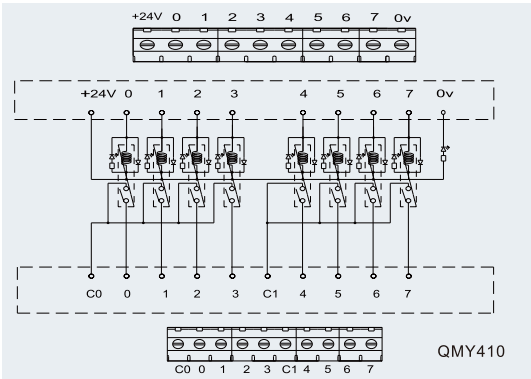
基本样式 （输入部额定值/性能）
Rated current and voltage specification

额定电压 Nominal coil voltage	DC24V
适合电线 For wire	1.5 mm² Following/AWG16

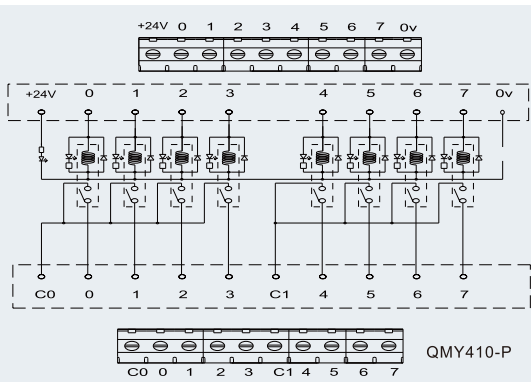
输入/输出侧对应
Corresponding Input/Output Devices

输入侧对应 Corresponding Input Devices	Manufacturers	PLC Module
	品牌不限	型号不限
输出侧对应 Corresponding output Devices	电磁阀, 警示灯,接触器等. Solenoid, Warning Light, Relay or contactor	

配线图 Wiring Diagram



QMY410

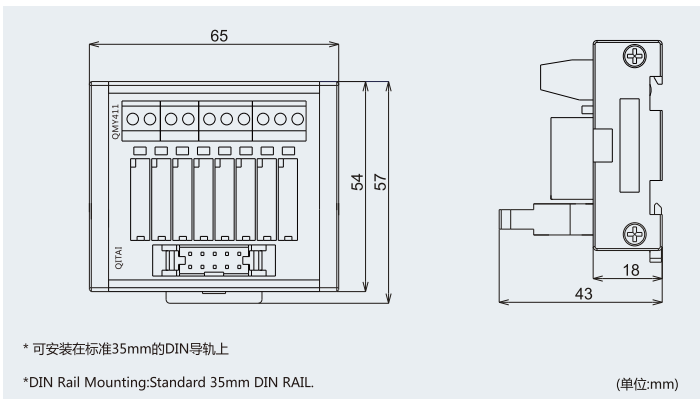


QMY410-P

QMY411/QMY411-P
8位继电器端子模块 (可加底座)
8 bit relay terminal block



外形图 Dimensions



输出部额定值/性能
Output Specifications

操作线圈（继电器的每一点） Relay Coil Specifications

额定电压 (V)	额定电流 (mA)	线圈电阻 (Ω)	动作电压 (V)	复位电压 (V)	最大容许 电压(v)	额定消耗 功率(mW)
Nominal coil voltage	Nominal operating current	Coil resistance	Pick-up Voltage	drop-out Voltage	Max. allowable voltage	Nominal operating power
DC 24V	7.5mA	3200Ω	More70%	Following 5%	120%	180 MW

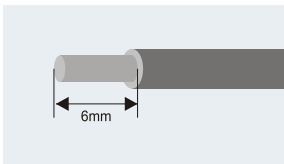
开关部（继电器的每一点） Switch Circuit

触点规格 Contact Specifications	触点结构 Arrangement	1a
	触点接触电阻(初始) Initial contact resistance	30mΩ(Voltage drop through the DC6V1A France)
	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)	1250V,150W
	最大允许电压 Max. switching voltage	5A
寿命 Expected Life	最大允许电压 Max. switching capacity	250V AC ;110V DC
	最小适用负载 Min. switching capacity	DC 100mv 100uA
	机械寿命 Mechanical	More than 20 million times(Off frequency of 180 times/min)
	电气寿命 Electrial	100 , 000 times or more(3A 250AC,30VDC,Resistive load)

关联产品
Related products

QX200-1
QX210-1

剥线长度
Wire stripping Recommendation



特点 Features

- *本接线板对应端子接线PLC的输出模块的使用；
- *采用8位继电器模组，体积减少到最小；
- *采用单排端子台作输入端，10P连接器作输出端；
- *采用LED动作显示，各输入输出端状态一目了然；
- *继电器线圈带浪涌抑制回路，延长了继电器模组寿命，将线路电磁干扰降到最小；
- *如需加装继电器底座请加A，如：QMY411A，QMY411A-P

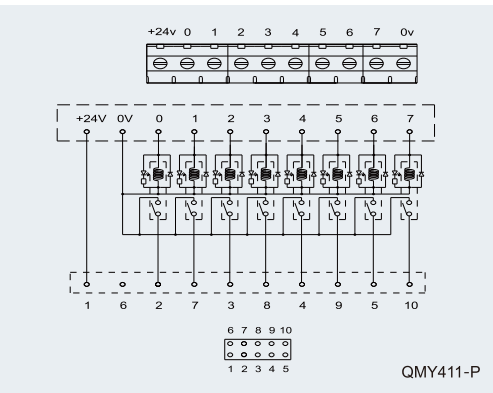
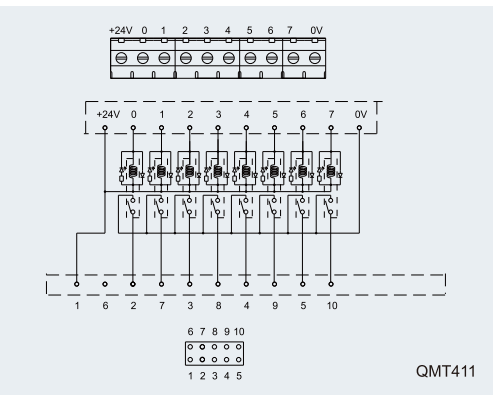
基本样式 （输入部额定值/性能）
Rated current and voltage specification

额定电压 Nominal coil voltage	DC24V
适合电线 For wire	1.5 mm² Following/AWG16

输入/输出侧对应
Corresponding Input/Output Devices

输入侧对应 Corresponding Input Devices	Manufacturers	PLC Module
	不限	不限
输出侧对应 Corresponding output Devices	QMT082	QMT084

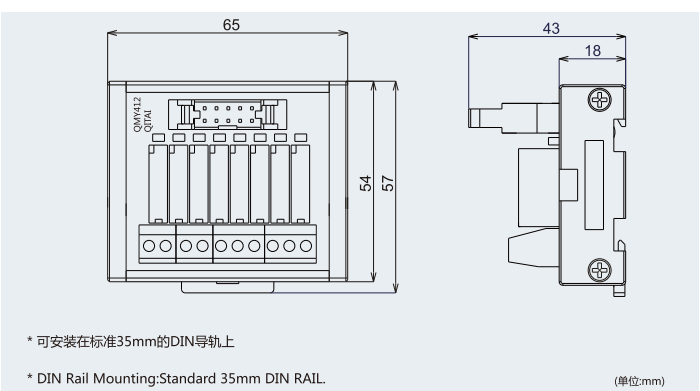
配线图 Wiring Diagram



QMY412/QMY412-P
8位继电器中转端子台 (可加底座)
8 bit relay terminal block



外形图 Dimensions



输出部额定值/性能
Output Specifications

操作线圈（继电器的每一点） Relay Coil Specifications

额定电压 (V)	额定电流 (mA)	线圈电阻 (Ω)	动作电压 (V)	复位电压 (V)	最大容许 电压(v)	额定消耗 功率(mW)
Nominal coil voltage	Nominal operating current	Coil resistance	Pick-up Voltage	drop-out Voltage	Max. allowable voltage	Nominal operating power
DC 24V	7.5mA	3200Ω	More70%	Following 5%	120%	180 MW

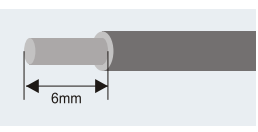
开关部（继电器的每一点） Switch Circuit

触点规格 Contact Specifications	触点结构 Arrangement	1a
	触点接触电阻(初始) Initial contact resistance	30mΩ(Voltage drop through the DC6V1A France)
	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)	1250V,150W
	最大允许电压 Max. switching voltage	5A
寿命 Expected Life	最大允许电压 Max. switching capacity	250V AC ;110V DC
	最小适用负载 Min. switching capacity	DC 100mv 100uA
	机械寿命 Mechanical	More than 20 million times(Off frequency of 180 times/min)
	电气寿命 Electrial	100 , 000 times or more(3A 250AC,30VDC,Resistive load)

关联产品
Related products

QX216系列线缆
QX200-1
QX210-1

剥线长度
Wire stripping Recommendation



特点 Features

- *采用8位继电器模组，体积减少到最小；
- *采用10位连接器作输入端，单排端子台作输出端，输出端预留两个COM口；
- *采用LED动作显示，各输入输出端状态一目了然；
- *继电器线圈带浪涌抑制回路，延长了继电器模组寿命，将线路电磁干扰降到最小；
- *使用panasonic PA系列继电器；
- *配合本公司本系列其它产品，完全实现高效率率省配线的连接；
- *如需加装继电器底座请加A，如:QMY412A，QMY412A-P

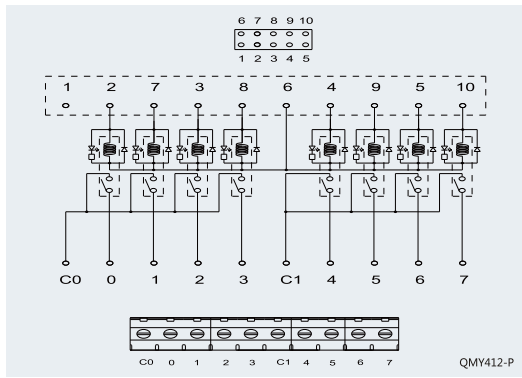
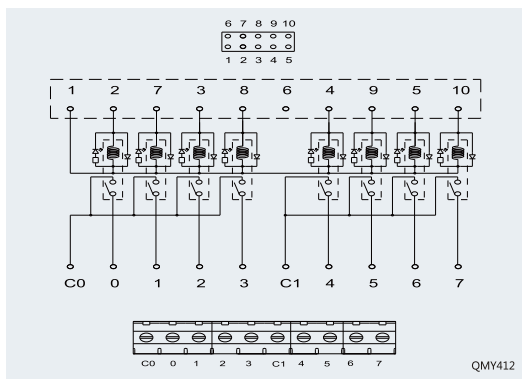
基本样式 （输入部额定值/性能）
Rated current and voltage specification

额定电压 Nominal coil voltage	DC24V
适合电线 For wire	1.5 mm² Following/AWG16

输入/输出侧对应
Corresponding Input/Output Devices

输入侧对应 Corresponding Input Devices	Manufacturers	PLC Module
	Panasonic Fp0. FpΣ series	FP0-C16T/C16CT(OUT Ministry) FP0-C16P/C16CP(OUT Ministry) FP0-C32T/C32CT/T32CT(OUT Ministry) FP0-C32P/C32CP/T32CP(OUT Ministry) FP0-E16T/P(OUT Ministry) FP0-E32T/P(OUT Ministry) FP0-E8YT FP0-E16YT FPΣ-C32 (OUT Ministry) FPΣ-C28 (OUT Ministry)
		QMT061 QMT062
输出侧对应 Corresponding output Devices	Solenoid , Indicator , Relay or Contactor	

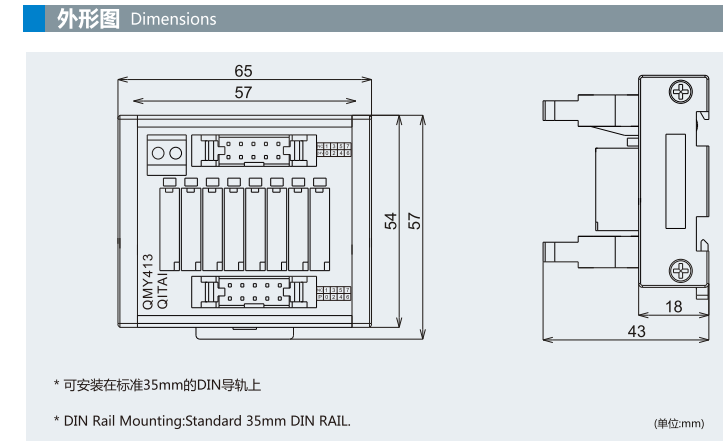
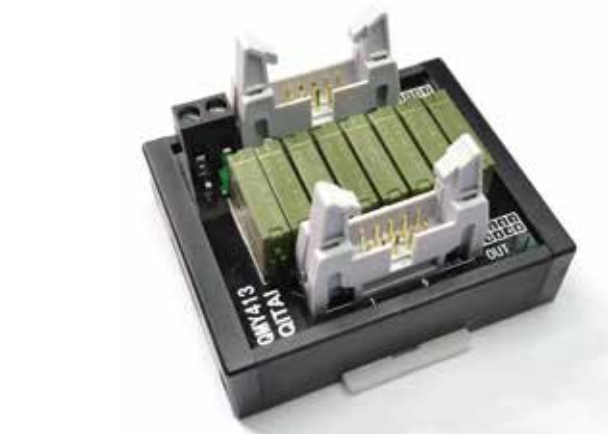
配线图 Wiring Diagram



QMY413/QMY413-P

8位继电器端子台(可加底座)

8 bit relay terminal block



输出部额定值/性能 Output Specifications						
额定电压 (V)	额定电流 (mA)	线圈电阻 (Ω)	动作电压 (V)	复位电压 (V)	最大容许 电压(v)	额定消耗 功率(mW)
Nominal coil voltage	Nominal operating current	Coil resistance	Pick-up Voltage	drop-out Voltage	Max. allowable voltage	Nominal operating power
DC 24V	7.5mA	3200Ω	More70%	Following 5%	120%	180 MW

开关部（继电器的每一点） Switch Circuit		
触点规格 Contact Specifications	触点结构 Arrangement	1a
	触点接触电阻(初始) Initial contact resistance	30mQ(Voltage drop through the DC6V1A France)
	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)	1250V,150W
	最大允许电流 Max. switching voltage	5A
	最大允许电压 Max. switching capacity	250V AC ;110V DC
寿命 Expected Life	最小适用负载 Min. switching capacity	DC 100mv 100uA
	机械寿命 Mechanical	More than 20 million times(Off frequency of 180 times/min)
	电气寿命 Electrial	100, 000 times or more(3A 250AC,30VDC,Resistive load)

关联产品
Related products

剥线长度
Wire stripping Recommendation

QX216系列线缆
QX200-1
QX210-1

- 特点 Features
- *采用8位继电器模组，体积减少到最小；

*输入输出端均采用MIL连接插座，方便进行远距离配线连接；

*采用LED动作显示，各输入输出端状态一目了然；

*继电器线圈带浪涌抑制回路，延长了继电器模组寿命，将线路电磁干扰降到最小；

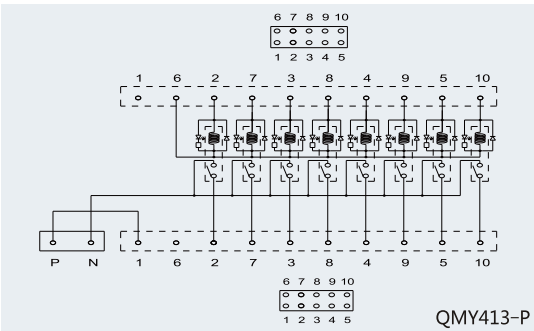
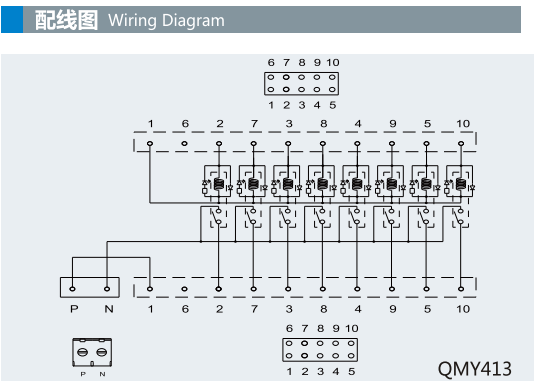
*使用panasonic PA系列继电器；

*配合本公司本系列其它产品，完全实现高效率省配线的连接；

*如需加装继电器底座请加A，如：QMY413A，QMY413A-P

基本样式 （输入部额定值/性能） Rated current and voltage specification	
额定电压 Nominal coil voltage	DC24V
适合电线 For wire	1.5 mm² Following/AWG16

输入/输出侧对应 Corresponding Input/Output Devices	Manufacturers	PLC Module
	Panasonic Fp0, FpΣ series	FP0-C16T/C16CT(OUT Ministry) FP0-C16P/C16CP(OUT Ministry) FP0-C32T/C32CT/T32CT(OUT Ministry) FP0-C32P/C32CP/T32CP(OUT Ministry) FP0-E16T/P(OUT Ministry) FP0-E32T/P(OUT Ministry) FP0-E8YT FP0-E16YT FPΣ-C32(OUT Ministry) FPΣ-C28(OUT Ministry)
	QITAI	QMT061 QMT062
输出侧对应 Corresponding output Devices	QMT082 QMT084	



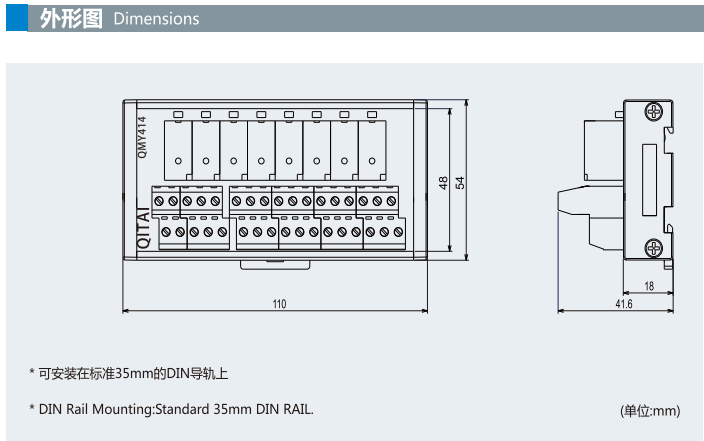
QMY414/QMY414-P

8位继电器模块

8 bit relay Relay Module



基本样式 （输入部额定值/性能） Rated current and voltage specification	
额定电压 Nominal coil voltage	DC24V
适合电线 For wire	1.5 mm² Following/AWG16



输出部额定值/性能 Output Specifications						
额定电压 (V)	额定电流 (mA)	线圈电阻 (Ω)	动作电压 (V)	复位电压 (V)	最大容许 电压(v)	额定消耗 功率(mW)
Nominal coil voltage	Nominal operating current	Coil resistance	Pick-up Voltage	drop-out Voltage	Max. allowable voltage	Nominal operating power
DC 24V	16.7mA	1440Ω	More80%	Following 5%	130%	400 MW

开关部（继电器的每一点） Switch Circuit		
触点规格 Contact Specifications	触点结构 Arrangement	1C(一开一闭)
	触点接触电阻(初始) Initial contact resistance	100mQ(Voltage drop through the DC6V1A France)
	额定控制容量(电阻负载) Nominal switching capacity (resistive load)	NO side 5A 250V AC ;2A 250V AC ; 3A 30V DC NC side 2A 125V AC ;1A 250V AC ; 1A 30V DC
	最大允许功率 Max. switching power(resistive load)	NO. 625VA,90W ; NC. 250VA,30W
	最大允许电流 Max. switching voltage	NO .5A ; NC.2A
	最大允许电压 Max. switching capacity	250V AC ; 110V DC
寿命 Expected Life	最小适用负载 Min. switching capacity	DC 100mv 100uA
	机械寿命 Mechanical	More than 107 times(Off frequency of 180 times/min)
	电气寿命 Electrial	100, 000 times or more(3A 250AC,30VDC,Resistive load)

- 特点 Features
- *本模块对应所有端子台的PLC的输出模块的使用；

*采用8位继电器模组，体积减少到最小；

*输入输出均采用双排端子连接；

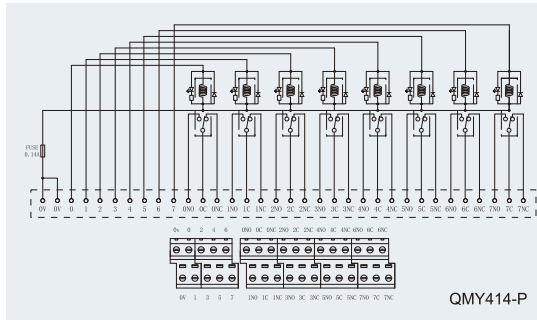
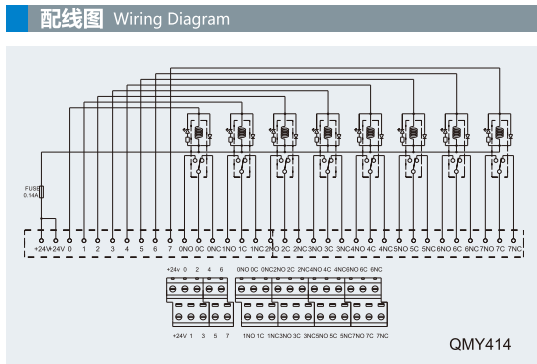
*采用LED动作显示，各输入输出端状态一目了然；

*继电器触点为1C接点，每个接点均单独引出；

*板内继电器线圈端内置有自恢复保险丝，具有短路及过流保护功能，以免损坏PLC模块；

*输出触点公用端独立，带常开常闭触点。

输入/输出侧对应 Corresponding Input/Output Devices	Manufacturers	PLC Module
	不限	不限
输出侧对应 Corresponding output Devices	Solenoid , Indicator , Relay or Contactor	



剥线长度
Wire stripping Recommendation

QMY415/QMY415-P

8位继电器模块

8 bit relay Relay Module

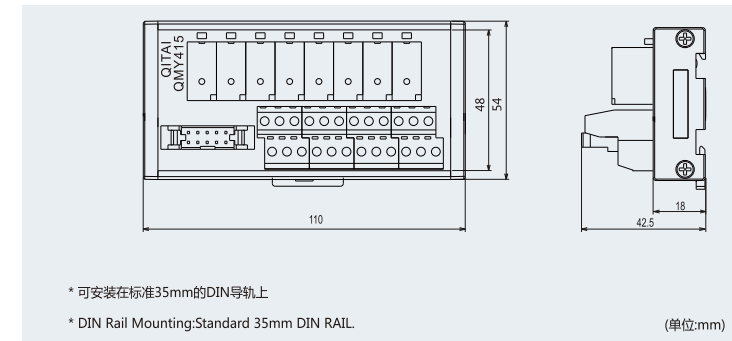


基本样式 （输入部额定值/性能）

Rated current and voltage specification

额定电压 Nominal coil voltage	DC24V
适合电线 For wire	1.5 mm ² Following/AWG16

外形图 Dimensions



输出部额定值/性能

Output Specifications

操作线圈（继电器的每一点）Relay Coil Specifications

额定电压 (V)	额定电流 (mA)	线圈电阻 (Ω)	动作电压 (V)	复位电压 (V)	最大容许 电压(v)	额定消耗 功率(mW)
Nominal coil voltage	Nominal operating current	Coil resistance	Pick-up Voltage	drop-out Voltage	Max. allowable voltage	Nominal operating power
DC 24V	16.7mA	1440Ω	More80%	Following 5%	130%	400mW

开关部（继电器的每一点）Switch Circuit

触点规格 Contact Specifications	触点结构 Arrangement	1C(一开一闭)
	触点接触电阻(初始) Initial contact resistance	100mΩ(Voltage drop through the DC6V1A France)
	额定控制容量(电阻负载) Nominal switching capacity (resistive load)	NO side 5A 250V AC ;2A 250V AC ; 3A 30V DC NC side 2A 125V AC ;1A 250V AC ; 1A 30V DC
	最大允许功率 Max. switching power(resistive load)	NO. 625VA,90W ; NC. 250VA,30W
	最大允许电流 Max. switching voltage	NO. 5A ; NC.2A
	最大允许电压 Max. switching capacity	250V AC ; 110V DC
寿命 Expected Life	机械寿命 Mechanical	More than 107 times(Off frequency of 180 times/min)
	电气寿命 Electrial	100_000 times or more(3A 250AC,30VDC,Resistive load)

特点 Features

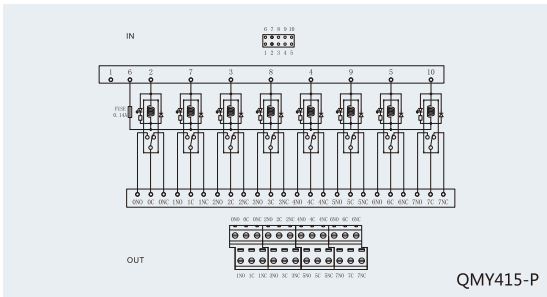
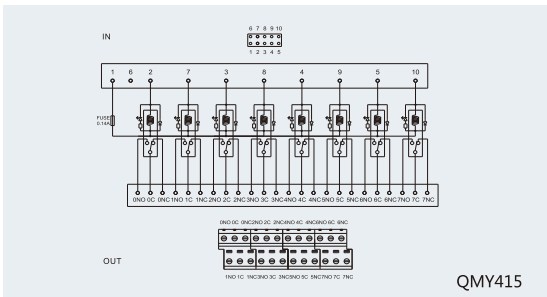
- *采用8位继电器模组，体积减少到最小；
- *采用10位连接器作输入端，双排端子台作输出端，每个常开常闭触点均单独引出；
- *采用LED动作显示，各输入输出端状态一目了然；
- *继电器线圈带浪涌抑制回路，延长了继电器模组寿命，将线路电磁干扰降到最小；
- *板内线圈端内置自恢复保险丝，具有短路保护功能，以免损坏PLC模组；
- *使用panasonic JQ系列继电器；
- *配合本公司本系列其它产品，完全实现高效率省配线的连接。

输入/输出侧对应

Corresponding Input/Output Devices

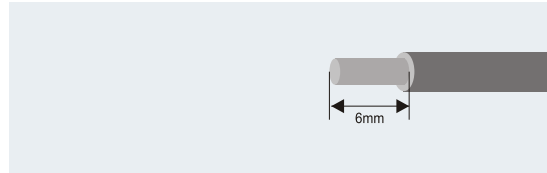
输入侧对应 Corresponding Input Devices	Manufacturers	PLC Module
	Panasonic Fp0. FpΣ series	FP0-C16T/C16CT(OUT Ministry) FP0-C16P/C16CP(OUT Ministry) FP0-C32T/C32CT/T32CT(OUT Ministry) FP0-C32P/C32CP/T32CP(OUT Ministry) FP0-E16T/P(OUT Ministry) FP0-E32T/P(OUT Ministry) FP0-E8YT FP0-E16YT FPΣ-C32 (OUT Ministry) FPΣ-C32 (OUT Ministry) FPΣ-C32 (OUT Ministry)
输出侧对应 Corresponding output Devices	QITAI	QMT061 QMT062
	Solenoid , Indicator, Relay or Contactor	

配线图 Wiring Diagram



剥线长度

Wire stripping Recommendation



QMY416/QMY416-P

16位继电器模块 (带底座)

16 bit relay Relay Module



基本样式 （输入部额定值/性能）

Rated current and voltage specification

额定电流 Nominal operating current	1A
额定电压 Nominal coil voltage	DC24V
适合电线 For wire	1.5 mm ² Following/ AWG16

输入/输出侧对应

Corresponding Input/Output Devices

输入侧对应 Corresponding Input Devices	Manufacturers	PLC Module
	不限	MITSUBISHI/KEYENCE/AB/OMRON/ SIEMENS等20P插头的PLC输出模块
输出侧对应 Corresponding output Devices	Solenoid , Indicator, Relay or Contactor	

输出部额定值/性能

Output Specifications

操作线圈（继电器的每一点）Relay Coil Specifications

额定电压 (V)	额定电流 (mA)	线圈电阻 (Ω)	动作电压 (V)	复位电压 (V)	最大容许 电压(v)	额定消耗 功率(mW)
Nominal coil voltage	Nominal operating current	Coil resistance	Pick-up Voltage	drop-out Voltage	Max. allowable voltage	Nominal operating power
DC 24V	7.5mA	3200Ω	More 70%	Following 5%	120%	180 MW

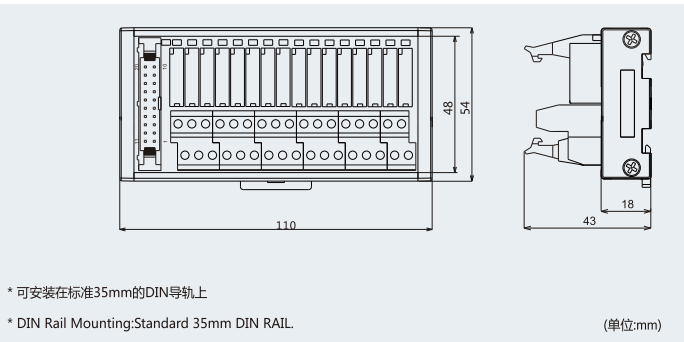
开关部（继电器的每一点）Switch Circuit

触点规格 Contact Specifications	触点结构 Arrangement	1a
	触点接触电阻(初始) Initial contact resistance	30mΩ(Voltage drop through the DC6V1A France)
	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)	1250V,150W
	最大允许电流 Max. switching voltage	5A
	最大允许电压 Max. switching capacity	250V AC ;110V DC
寿命 Expected Life	最小适用负载 Min. switching capacity	DC 100mv 100uA
	机械寿命 Mechanical	More than 20 million times(Off frequency of 180 times/min)
电气寿命 Electrial	电气寿命 Electrial	100_000 times or more(3A 250AC,30VDC,Resistive load)

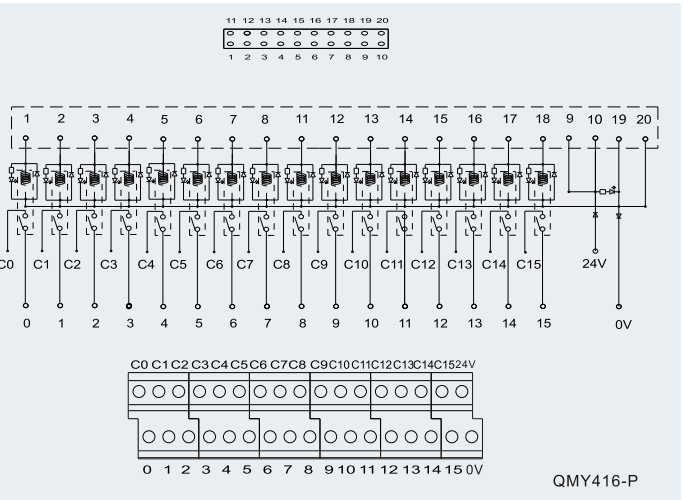
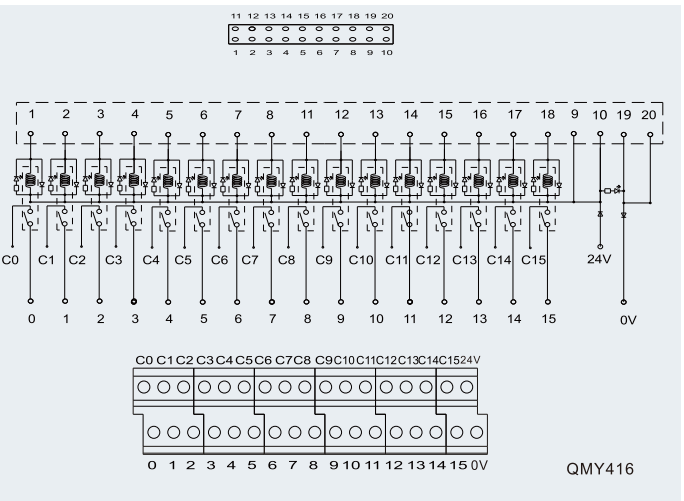
特点 Features

- *采用16位继电器模组，体积减少到最小；
- *采用20位连接器作输入端，双排端子台作输出端，每个触点均单独引出；
- *采用LED动作显示，各输入输出端状态一目了然；
- *继电器线圈带浪涌抑制回路，延长了继电器模组寿命，将线路电磁干扰降到最小；
- *有电源接入点，不仅可以连接中继端子台，也可以直接连接PLC输出模块；
- *使用panasonic PA系列继电器；
- *本产品标配底座，方便更换继电器。

外形图 Dimensions

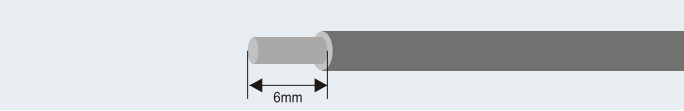


配线图 Wiring Diagram



剥线长度

Wire stripping Recommendation



QMY417/QMY417-P

32位继电器模块 (带底座可用固态继电器)

32 bit relay Relay Module



特点 Features

- *采用32位继电器模组，体积减少到最小；
- *采用40位连接器作输入端，单排端子台作输出端，输出端每8个继电器一个公共点，共4个公共点；
- *采用LED动作显示，各输入输出端状态一目了然；
- *继电器线圈带浪涌抑制回路，延长了继电器模组的使用寿命，将线路电磁干扰降到最小；
- *有电源接入点，不仅可以连接中继端子台，也可以直接连接PLC输出模块；
- *使用panasonic PA系列继电器；
- *本端子台用40PIN的排线反压得方式可与QX系列PLC扩展模块直接相连，配合本公司其它专用连接线可适用于任何其它40PIN的PLC；
- *本产品标配底座，方便更换继电器。

基本样式 （输入部额定值/性能）

Rated current and voltage specification

额定电流 Nominal operating current	1A
额定电压 Nominal coil voltage	DC24V
适合电线 For wire	1.5 mm² Following/ AWG16

输出部额定值/性能

Output Specifications

额定电压 (V) Nominal coil voltage	额定电流 (mA) Nominal operating current	线圈电阻 (Ω) Coil resistance	动作电压 (V) Pick-up Voltage	复位电压 (V) drop-out Voltage	最大容许 电压(v) Max. allowable voltage	额定消耗 功率(mW) Nominal operating power
DC 24V	7.5mA	3200Ω	More70%	Following5%	120%	180 MW

开关部（继电器的每一点） Switch Circuit

触点规格 Contact Specifications	触点结构 Arrangement	1a
	触点接触电阻(初始) Initial contact resistance	30mΩ(Voltage drop through the DC6V1A France)
	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)	1250V,150W
	最大允许电流 Max. switching voltage	5A
寿命 Expected Life	最大允许电压 Max. switching capacity	250V AC ;110V DC
	最小适用负载 Min. switching capacity	DC 100mv 100uA
	机械寿命 Mechanical	More than 20 million times(Off frequency of 180 times/min)
	电气寿命 Electrial	100 , 000 times or more(3A 250AC,30VDC,Resistive load)

关联产品

Related products

适用电缆 Suitable cable	QX211-1 QX212-1 QX215-4 QX215-4 QX217.1 QX218-8 QX219-2 QX211-2 QX215-8 (详情请参阅本目录线缆系列) For details, please refer to the directory cable series
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输入/输出侧对应

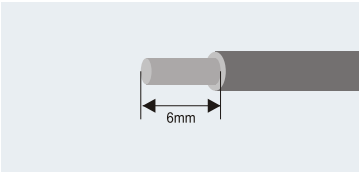
Corresponding Input/Output Devices

输入侧对应 Corresponding Input Devices	Manufacturers	PLC Module
	KEYENCE	KV-C32XA/C KV-C32TA/C KV-C64XA/C KV-C64TA/C
	OMRON	CJ1W-ID231 CJ1W-ID261 CJ1W-MD231(IN terminal) CJ1W-ID232 CJ1W-ID262 CJ1W-MD263(IN terminal) CJ1W-MD563(IN terminal) CJ1W-OD231 CJ1W-OD261 CJ1W-MD261(Out terminal) CJ1W-OD232 CJ1W-OD233 CJ1W-OD262 CJ1W-OD263 CJ1W-MD263(Out terminal) CJ1W-MD563(Out terminal)
	mitsubishi Qseries	Qx41 QX41-S1 Qx42 QX42-S1 Qx71 Qx72 QY41P QY42P Qy71 QH42P Qx81 QY81P
	Panasonic Fp0. FpΣ series	FPG-XYT64D2T/P
输出侧对应 Corresponding output Devices	Panasonic FP2 series	FP2-C1D FP2-X32D2 FP2-X64D2 FP2-XY64D2T/XY64D7T FP2-XY64D2P/XY64D7P
	SIEMENS	40P Plug with a full range
	Yokogawa PLCFA-M3 Series	F3WD64-3N F3WD64-3F
		Button Switch,Photoelectric Switch,Solenoid, Indicator,Relay or Contactor,etc.

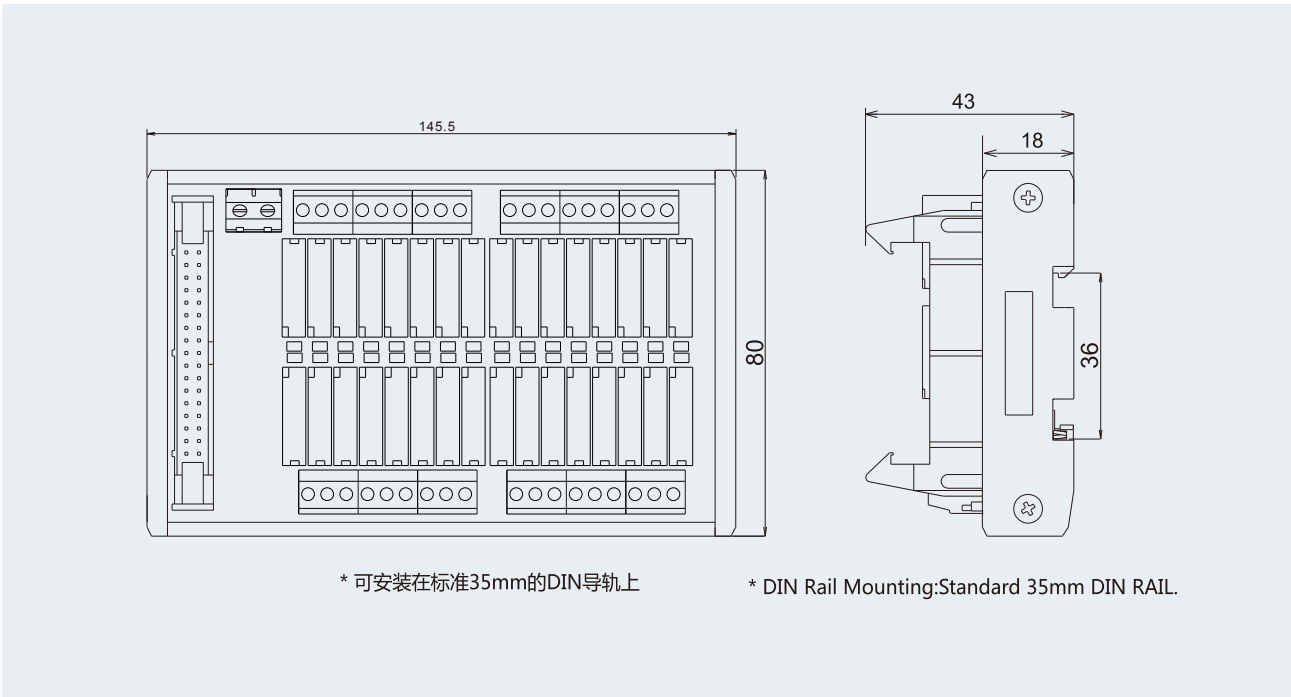
*注：除列举产品外，任何品牌，相同位数的PLC都可以使用

剥线长度

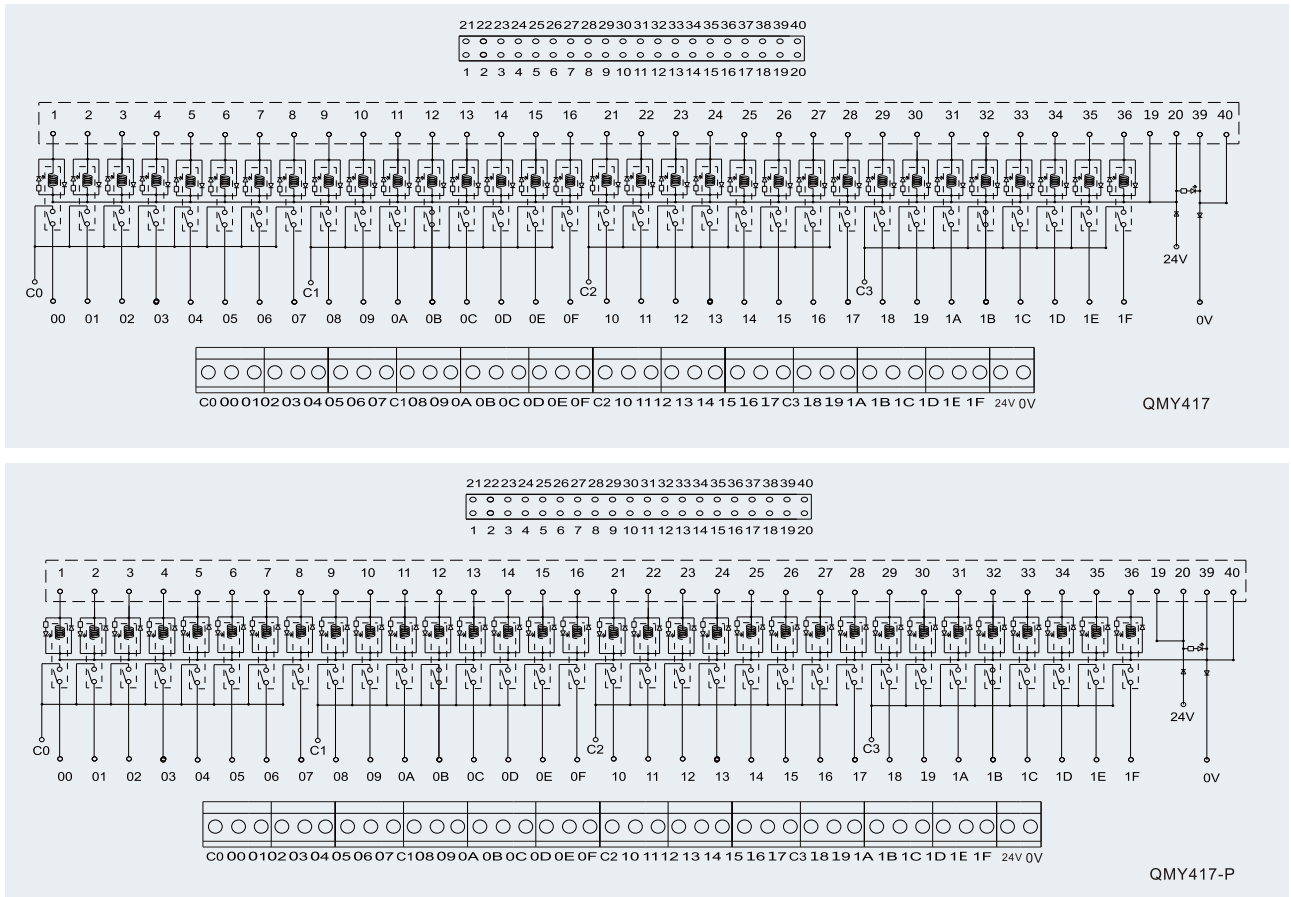
Wire stripping Recommendation



外形图 Dimensions



配线图 Wiring Diagram



QMY418/QMY418-P
8位继电器端子模块(可加底座)
8bit relay terminal block



特点 Features

- *本模块可以用于所有带端子的PLC的输出模块的使用；
- *采用8位松下继电器，8路输入采用一个公共点，输出各点独立，方便接线；
- *输入输出均采用单排端子连接；可加装继电器底座，方便更换继电器；
- *采用LED动作显示，各输入输出端状态一目了然；
- *内置有反接保护二极管，防止错误配线损坏PLC；
- *继电器线圈带浪涌抑制回路，将电磁干扰降低到最小；
- *可以根据用户需要，安装继电器底座，加底座型号后加A，如QMY418A，或QMY418A-P
- *有NPN，PNP选择。

基本样式 （输入部额定值/性能）
Rated current and voltage specification

额定电流 Nominal operating current	1A
额定电压 Nominal coil voltage	DC24V
适合电线 For wire	1.5 mm² Following/ AWG16

输入/输出侧对应
Corresponding Input/Output Devices

输入侧对应 Corresponding Input Devices	PLC,传感器等.
输出侧对应 Corresponding output Devices	电磁阀, 警示灯, 传感器, 接触器等. Solenoid, Warning Light, Relay or contactor

输出部额定值/性能
Output Specifications

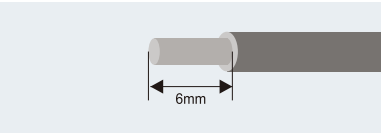
操作线圈（继电器的每一点）Relay Coil Specifications

额定电压 (V) Nominal coil voltage	额定电流 (mA) Nominal operating current	线圈电阻 (Ω) Coil resistance	动作电压 (V) Pick-up Voltage	复位电压 (V) drop-out Voltage	最大容许 电压(v) Max. allowable voltage	额定消耗 功率(mW) Nominal operating power
DC 24V	7.5mA	3200Ω	More70%	Following 5%	120%	180 MW

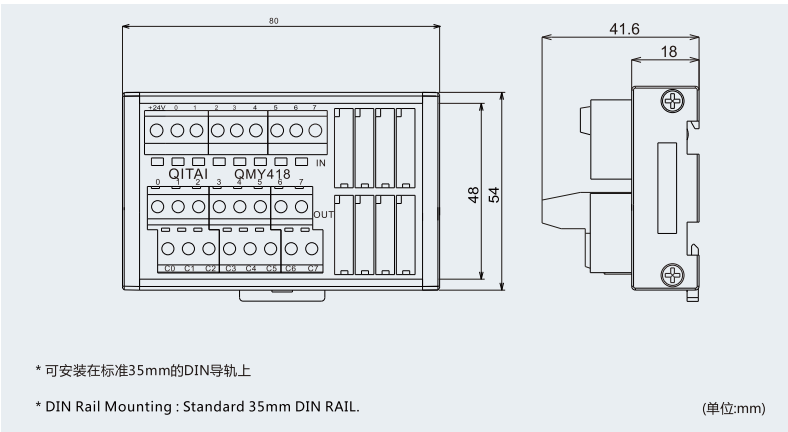
开关部（继电器的每一点）Switch Circuit

触点规格 Contact Specifications	触点结构 Arrangement	1a
	触点接触电阻(初始) Initial contact resistance	30mΩ(Voltage drop through the DC6V1A France)
	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)	1250V, 150W
	最大允许电流 Max. switching voltage	5A
寿命 Expected Life	最大允许电压 Max. switching capacity	250V AC ;110V DC
	最小适用负载 Min. switching capacity	DC 100mv 100uA
	机械寿命 Mechanical	More than 20 million times(Off frequency of 180 times/min)
	电气寿命 Electrial	100 , 000 times or more(3A 250AC,30VDC,Resistive load)

剥线长度
Wire stripping Recommendation

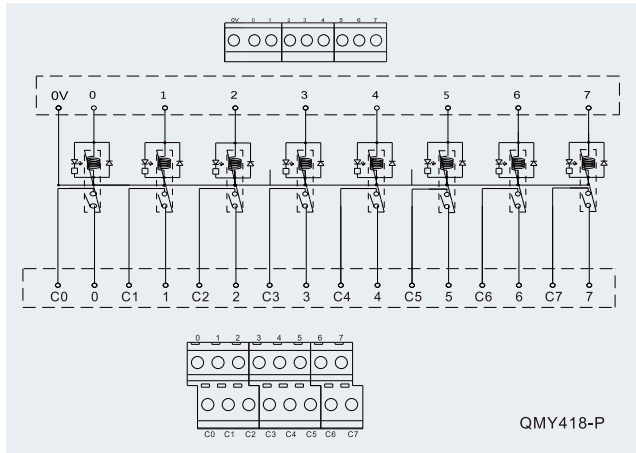
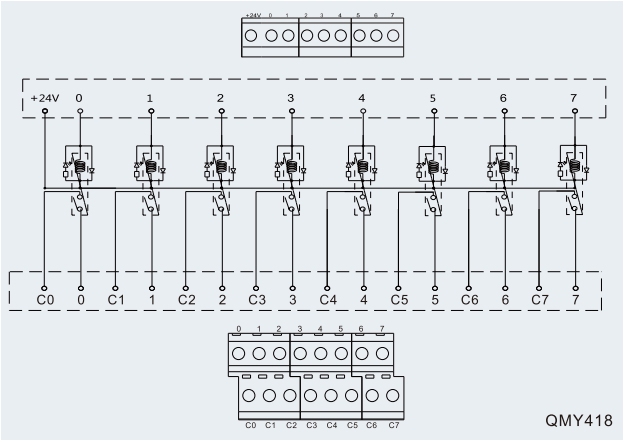


外形图 Dimensions



- * 可安装在标准35mm的DIN导轨上
- * DIN Rail Mounting : Standard 35mm DIN RAIL.

配线图 Wiring Diagram



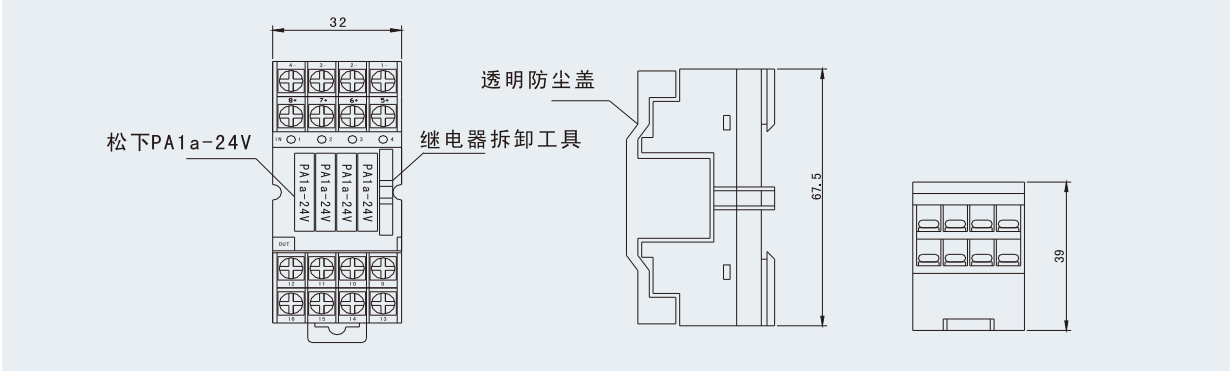
QMY420/QMY420-P
4位继电器模块(可加底座)
4 bit relay module



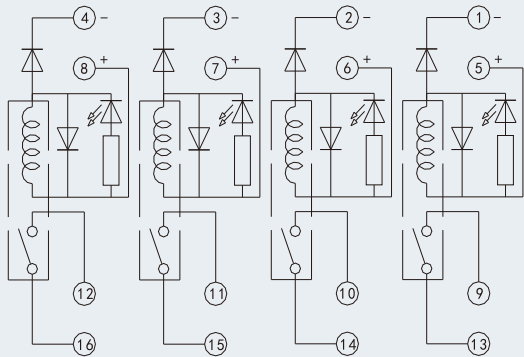
特点 Features

- *采用4位继电器模组，体积减少到最小；
- *采用5位端子台作输入端，单排端子台作输出端，4组继电器独立输出；
- *采用LED动作显示，各输入输出端状态一目了然；
- *继电器线圈带浪涌抑制回路，延长了继电器模组寿命，将线路电磁干扰降到最小；
- *如需加装继电器底座请加A，如：QMY400A，QMY400A-P

外形图 Dimensions



配线图 Wiring Diagram



基本样式 （输入部额定值/性能）
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适合电线 For wire	1.5 mm² Following/AWG16

输出部额定值/性能
Output Specifications

操作线圈（继电器的每一点）Relay Coil Specifications

额定电压 (V) Nominal coil voltage	额定电流 (mA) Nominal operating current	线圈电阻 (Ω) Coil resistance	动作电压 (V) Pick-up Voltage	复位电压 (V) drop-out Voltage	最大容许 电压(v) Max. allowable voltage	额定消耗 功率(mW) Nominal operating power
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开关部（继电器的每一点）Switch Circuit

触点规格 Contact Specifications	触点结构 Arrangement	1a
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	最小适用负载 Min. switching capacity	DC 100mv 100uA
	机械寿命 Mechanical	More than 20 million times(Off frequency of 180 times/min)
	电气寿命 Electrial	100 , 000 times or more(3A 250AC,30VDC,Resistive load)

输入/输出侧对应
Corresponding Input/Output Devices

	Manufacturers	PLC Module
输入侧对应 Corresponding Input Devices	不限	不限
输出侧对应 Corresponding output Devices	Solenoid, Indicator, Relay or Contactor	

剥线长度
Wire stripping Recommendation

