

8位继电器模组 Q412/Q412-C

8-position relay module Q412/Q412-C



注: 需要弹片端子请在型号尾加上-“T”
即: Q411-T/Q411-C-T

● 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, 输出段预留两个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, 完全实现高效率省配线的连接。
Utilizes an 8 bit relay module for compact design to save space;
Utilizes a 10 bit connector as the input end and a single-strip terminal block as the output end two COM ports are reserved at the output section;
Utilizes LED display, so all input and output statuses are visible;
The relay coil has a surge suppressing loop, which prolongs the service life of the relay module and minimizes the electromagnetic interference on the circuit;
Utilizing PA relay series from Panasonic;
When used in combination with other B series products, it can increase the efficiency of wiring work and saves time;

● 部品详细参数 Parts detailed parameters

MIL 插孔连接器	主体材料 Body Material	PBT V-0防火等级	参考标准 Reference Standard	UL
	端子材料 Terminal Material	铜合金	额定电流 Rated current	2.0A
	电镀层 Plating	针角镀金	接触电阻 Contact resistance	<20毫欧
欧式接线端子	主体材料 Body Material	PA 66V-0防火等级	认证 Authenticate	UL, CE, RoHS
	端子材料 Terminal Material	磷铜	额定电流 Rated current	10A
	电镀层 Plating	镀锌	扭矩 Torque	0.4NM(3.5lb-in)
端子主体	主体材料 Body Material	PA 66V-0防火等级	认证 Authenticate	CE
	端盖材料 Cover Material	PC V-0防火等级	固定螺丝材料 Fixing screws Material	SUS304
	扣件 Fasteners	PC V-0防火等级	PCB板材料 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 Delivery immediately with confirmed order before 17:00PM day off when there is stock in the warehouse	1~8个 1-8 pcs	9个以上 More than 9pcs
	次日(当日)发货 1-2 day	另定发货时间 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

● 选型参考 Type Selection Reference

型号	Q412	Q412-B	Q412-P	Q412-P-B
说明	8位继电器模块	8位可拔插继电器模块	8位继电器模块	8位可拔插继电器模块
型号	Q412-C	Q412-C-B	Q412-C-P	Q412-C-P-B
说明	8位继电器模块	8位可拔插继电器模块	8位继电器模块	8位可拔插继电器模块

● 输入侧额定值/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

● 关联产品 Related products

L116系列线缆
L100-1
L110-1

注: 见本册线缆系列

输入/输出侧对应 Corresponding Input/Output Devices

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

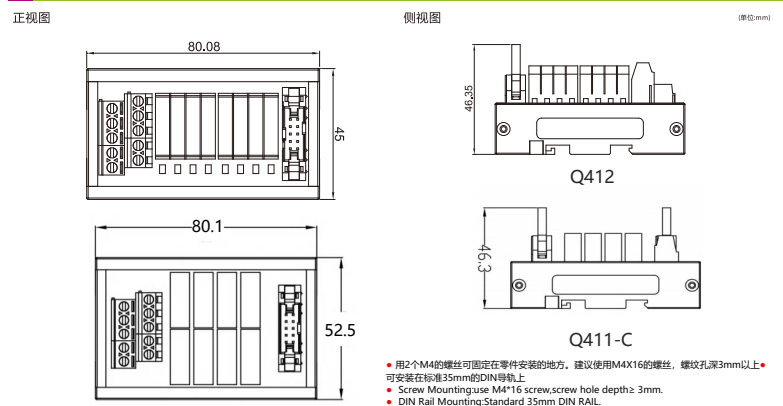
输入部额定值/性能 Input Specifications

操作线圈 (继电器的每一点) Relay Coil Specifications	额定电压 Nominal coil voltage (V)	额定电流 Nominal operating current (mA)	线圈电阻 Coil resistance (Ω)	动作电压 Pick-up Voltage (V)	复位电压 Drop-out Voltage (V)	最大容许电压 Max. allowable voltage (V)	额定消耗功率 Nominal operating power (mW)
	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
触点规格 Contact Specifications	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)	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
	最小适用负载 Min switching capacity	DC 100mv 100uA
COM端	最大允许电流 Max switching current	5A
寿命 Expected Life	机械寿命 Mechanical 电气寿命 Electrical	More than 20 million times(Off frequency of 180 times/min) 100, 000 times or more(3A 250AC, 30VDC, Resistive load)

外形图 Dimensions



配线图 Wiring Diagram

