

8位继电器模组 Q413/Q413-C

8-position relay module Q413/Q413-C

● 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 Pats detailed pameters

MIL 插孔连接器	主体材料 Body Material	PBTV-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
	端子材料 Terminal Material	铜铜	额定电流 Rated current	10A
	电镀层 Plating	镀锡	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

● 选型参考 Type Selection Reference

型号	Q413	Q413-B	Q413-P	Q413-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	Q413-C	Q413-C-B	Q413-C-P	Q413-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

● 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

- 1.最小起订量1个正常交期7~10天；
2.特殊产品交期20天以上；
3.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

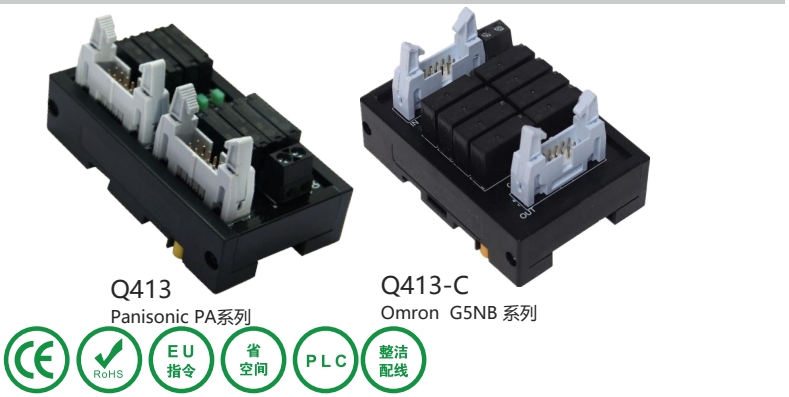
● 输入侧额定值/性能 Rated current and voltage specification

额定电压 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 Panasonic FpD FpI series	PLC Module 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)	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				
COM端	最小适用负载 Min. switching capacity	DC 100mv 100uA				
	最大允许电流 Max.switching current	5A				
寿命 Expected Life	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)				

