

8位光耦模块

Q841/Q842

8 Bit optical coupling module

Q841/Q842

- 特点 Features

* 输入/输出光耦隔离；

* 超高响应性；

* 高温自保护；

* 输入信号为NPN型；输出信号为PNP或为NPN.

* Input/output optical coupling isolation;

* High responsiveness;

* High temperature self protection;

* The input signal is an NPN type；Output signal For PNP or NPN.

- ⚠ 注意事项 note

● 订购前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，请勿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 developed and the corr esponding special cable.

● 部品详细参数 Pats detailed pameters

欧式接线端子	主体材料 Body Material	PA 66V-0防火等级	认证 Authenticate	
	端子材料 Terminal Material	磷铜	额定电流 Rated current	10A
	电镀层 Plating	镀锡	扭矩 Torque	0.4NM(3.5lb-in)
	主体材料 Body Material	PA 66V-0防火等级	认证 Authenticate	
端子主体	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

- 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

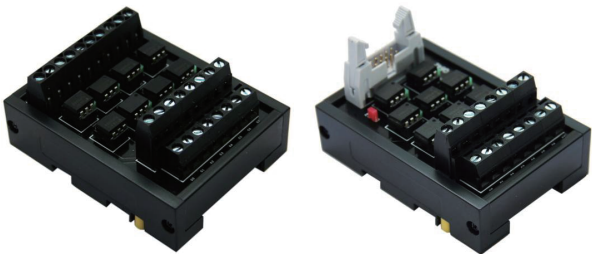
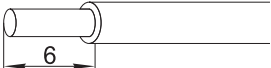
2: more than 20 days for customerized models

3: Guarantee：one year refundable and 5 year warranty under condition of non-human forces damage

● 适合电线 Suitable wier

1.5 mm²Following/ AWG16 ；

剥线长度：6mm



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规格参数 Specifications

输入侧 Input Side	额定电压(V) Nominal operating voltage	12V~24V DC
	额定电流(mA) Nominal operating current	50mA
	额定最大电压 Maximum voltage rating	15~30V DC
	持续工作电流 Continuous operating current	≤ 750mA
输出侧 Out Side	瞬间最大电流 Instantaneous maximum current	1.2A
	最大动作频率 The largest operating frequency	50K HZ
	最大压降（温度-40~100℃） Forward drop (Temperature: -40~100℃)	1.3~3.5V
	绝缘电阻 Insulation resistance	10 ¹⁰ Ω
	隔离电压 Isolation voltage	3750Vrms
	导通时间（10~90%） Turn-on time (10~90%)	0.25mS
	关闭时间（10~90%） Turn-off time (10~90%)	0.1mS
	最大温升 Maximum temperature rise	100℃ ^{*1}

注：*1本体温度达100℃时，会自保护断开输出信号，温度下降后下次触发时可再次导通。

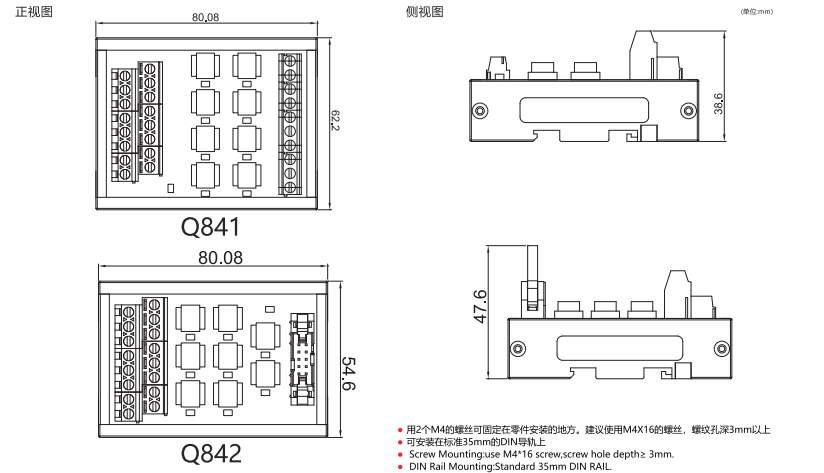
Note: *1 When the body temperature of 100℃, disconnect the output signal from protection, temperature drop after the next trigger when conducting again.

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.

外形图 Dimensions



配线图 Wiring Diagram

