

4位光耦模块
Q8404 Bit optical coupling module
Q840

● 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 corresponding special cable.

● 部品详细参数 Parts detailed parameters

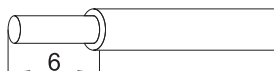
欧式接线端子	主体材料 Body Material	PA 66V-0防火等级	认证 Authenticate	
	端子材料 Terminal Material	磷铜	额定电流 Rated current	10A
端子主体	电镀层 Plating	镀锡	扭矩 Torque	0.4NM(3.5lb-in)
	主体材料 Body Material	PA 66V-0防火等级	认证 Authenticate	
	端盖材料 Cover Material	PC V-0防火等级	固定螺丝材料 Fixing screws Material	SUS304
	扣件 Fasteners	PC V-0防火等级	PCB板材料 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 customized 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

注：需要弹片端子请在型号尾加上-“T”
即：Q840-T
需要PNP输入请在型号尾加上-“P”
即：Q840-P



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
输出侧 Exit Side	额定最大电压 Maximum voltage rating	15~30V DC
	持续工作电流 Continuous working current	≤ 750mA
	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℃） Thermomax pressure 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%） Conduction 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}

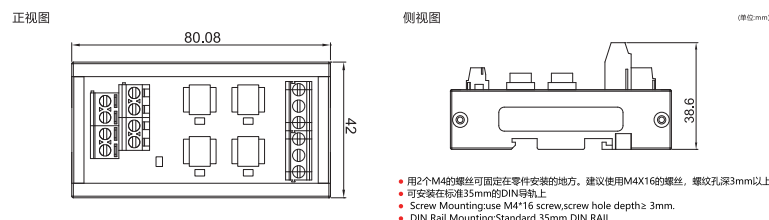
注：※1本体温度达100℃时，会自保护断开输出信号，温度下降后下次触发时可再次导通。

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

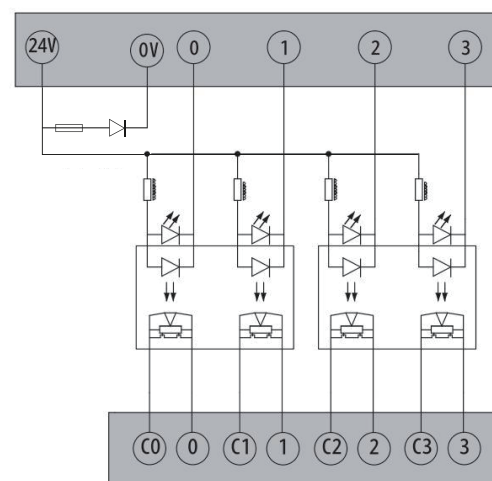
适用范围 Range of Application

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、数控机床、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



Q840