

Industrial Relay Series 工业继电器系列--QY835

FEATURES 特点

- Up to 30A switching capability
高达30A触点切换能力
- Have 1、2 Form C configurations
具有一、二组转换触点形式
- Bolt mounted
配有螺栓式安装
- Outline dimensions (51.5X35.6X40.0) mm.
外形尺寸 (51.5X35.6X40.0) mm。



CONTACT PARAMETERS 触点参数

Contact Form 触点形式	QY835-1P	QY835-2P
Rating Load (Resistive) 额定负载 (阻性)	30A 250VAC/30VDC	30A 250VAC/30VDC
Max. Switching Current 最大切换电流	30A	30A
Max. Switching Voltage 最大切换电压	250VAC/30VDC	250VAC/30VDC
Max. Switching Power 最大切换功率	7,500VA/900W	7,500VA/900W

CHARACTERISTICS 性能参数

Contact Materials 触点材料	Ag Alloy 银合金	
Contact Resistance 接触电阻	100mΩ Max.	
Operate Time 吸合时间	25msec. Max.	
Release Time 释放时间	25msec. Max.	
Insulation Resistance 绝缘电阻	100MΩ Min. (DC500V)	
Initial Dielectric Strength 介质耐压	Between open contacts: 触点与触点间:	AC1,000V, 50/60Hz 1Min.
	Between contacts and coil: 触点与线圈间:	AC1,500V, 50/60Hz 1Min.
Vibration Resistance 抗振动	Damage limits: 耐久:	10~55Hz Double Amplitude 双振幅 1.5mm
	Malfunction: 误动作:	10~55Hz Double Amplitude 双振幅 1.5mm
Shock Resistance 抗冲击	Damage limits: 耐久:	100G Min.
	Malfunction: 误动作:	10G Min.
Life 寿命	Mechanical Life (10800 per hour) 机械寿命 (每小时10800次)	1 × 10 ⁷
	Electrical Life 1800 per hour 电气寿命 (每小时1800次)	1 × 10 ⁵
Ambient Temperature 环境温度	-40°C ~ +85°C (No condensation) (不冷凝)	
Unit Weight 单位重量	约 Approx 70.0g	

COIL RATINGS (at20°C) 线圈参数 (在20°C)

Coil Nominal Voltage 额定电压 (VDC)	Nominal Current 额定电流 ±10%(mA)	Coil Resistance 线圈电阻 ±10% (Ω)	Max. Continuous Voltage 最大连续外加电压	Pick-Up Voltage 吸合电压 (Max)	Drop-Out Voltage 释放电压 (Min)	Rated power 额定功率
12	166.7	72.0	Coil Nominal Voltage 110% 额定电压的 110%	Coil Nominal Voltage 80% 额定电压的 80%	Coil Nominal Voltage 10% 额定电压的 10%	2.0W
48	41.6	1,154.0				
110	18.2	6,044.0				
220	9.0	24,444.0				

Coil Nominal Voltage 额定电压 (VAC)	Nominal Current 额定电流 ±10%(mA)	Coil Resistance 线圈电阻 ±10% (Ω)	Max. Continuous Voltage 最大连续外加电压	Pick-Up Voltage 吸合电压 (Max)	Drop-Out Voltage 释放电压 (Min)	Rated power 额定功率
12	333.3	36.0	Coil Nominal Voltage 110% 额定电压的 110%	Coil Nominal Voltage 80% 额定电压的 80%	Coil Nominal Voltage 30% 额定电压的 30%	4.0VA
24	167.0	143.7				
48	83.3	576.2				
110	36.0	3,055				
220	18.1	12,155				
380	10.0	3,8000				

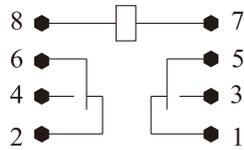
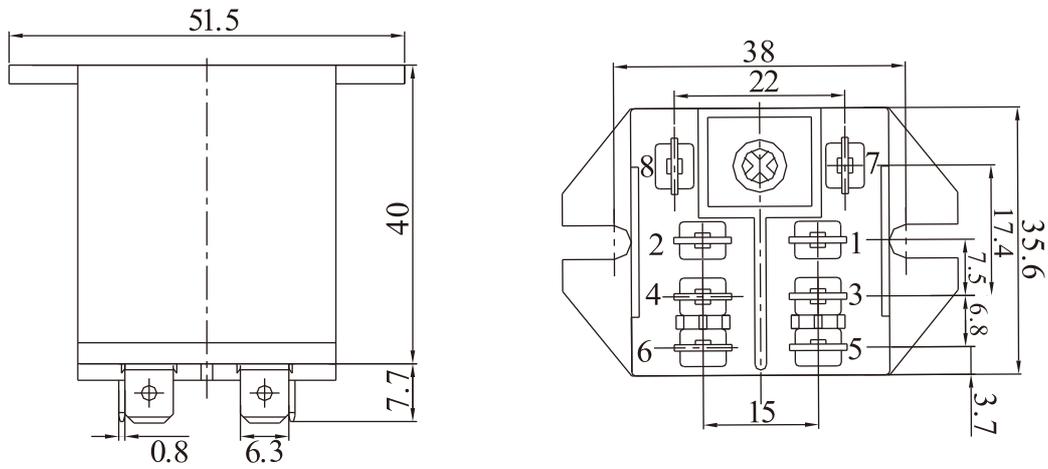
ORDERING INFORMATION 订货标记

QY835-220DC-Z-P-(XXX)				
1	2	3	4	5
1. Model Number 基本型号: QY835			4. Coil Power: Nil -2.0W, P-4.0VA 线圈功率: 无-2.0W, P-4.0VA	
2. Coil Voltage 线圈规格: VDC-12, 48, 110, 220 VAC-12, 24, 48, 110, 220, 380				
3. Contact Form: 1H-1 Form A, 1D-1 Form B, 1Z-1 Form C 2H-2 Form A, 2D-2 Form B, 2Z-2 Form C 触点形式: 1H-1组常开, 1D-1组常闭, 1Z-1组转换 2H-2组常开, 2D-2组常闭, 2Z-2组转换			5. Special Parameters: Nil-Standard Type, XXX-Special Requirements 特殊参数: 无-标准型, XXX-特殊要求	

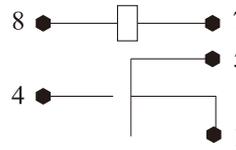
TYPICAL USE 典型用途

- Home Appliances, PCB Circuit Board, Industrial Control System, Automatic Control System
- 家用电器, PCB线路板, 工业控制系统, 自动化控制系统

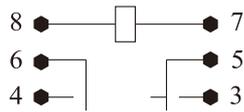
OUTLINE DIMENSIONS (UNIT:mm)外形尺寸 (单位: mm)



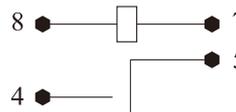
2Z



1Z



2H



1H

PERFORMANCE CHART性能曲线图

