

Power Relay Series 功率继电器系列--QYT73

FEATURES特点

- Up to 15A contact switching capability
高达15A触点切换能力
- 1 Form A and 1 Form Z configurations
具有一组常开、一组转换触点形式
- Sockets available
配有多种插座可供选择
- Outline dimensions (19.6X15.4X15.5) mm.
外形尺寸 (19.6X15.4X15.5) mm。



CONTACT PARAMETERS触点参数

Model Series型号系列	QYT73
Rating Load (Resistive)额定负载 (阻性)	10A 250VAC 15A 125VAC 10A 28VDC
Max. Switching Current最大切换电流	15A
Max.Switching Voltage最大切换电压	250VAC/28VDC
Max.Switching Power最大切换功率	2,500VA/280W

CHARACTERISTICS性能参数

Contact Materials触点材料	Ag Alloy银合金	
Contact Resistance接触电阻	50mΩ Max.	
Operate Time吸合时间	8msec.Max.	
Release Time释放时间	5msec.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:	AC 750V,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℃~+105℃ (No condensation) (不冷凝)	
Unit Weight单位重量	约Approx.8.5g	

COIL RATINGS (at 20°C) 线圈参数 (在 20°C)

Coil Nominal Voltage 额定电压 (VDC)	Nominal Current 额定电流 $\pm 10\%$ (mA)	Coil Resistance 线圈电阻 $\pm 10\%$ (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
3	120.00	25	Coil Nominal Voltage 130% 额定电压的 130%	Coil Nominal Voltage 75% 额定电压的 75%	Coil Nominal Voltage 5% 额定电压的 5%	About 0.36 W 约 0.36W
5	71.42	70				
6	60.00	100				
9	40.00	225				
12	30.00	400				
15	24.00	625				
18	20.00	900				
24	15.00	1,600				
48	7.50	6,400				
60	6.00	10,000				

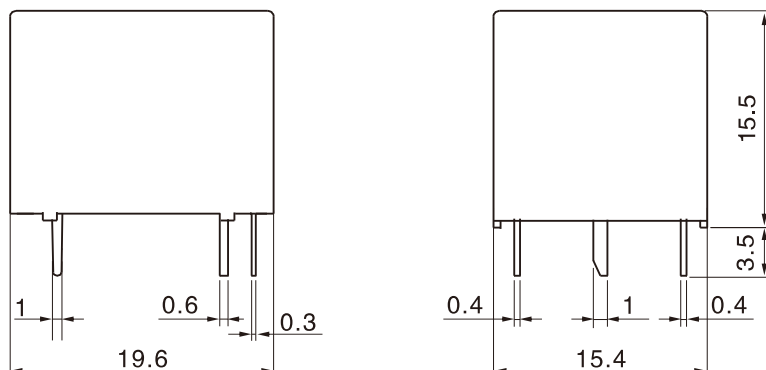
ORDERING INFORMATION 订货标记

QYT73-012-H-S-X- (XXX)					
1	2	3	4	5	6
1. Model Number 基本型号: QYT73	4. Enclosure: S- General Type, K- Sealed Type 封装形式: S-标准型, K-密封型				
2. Coil Voltage 线圈规格 (VDC): 03, 05, 06, 09, 12, 24, 48	5. Coil Power: Nil - 0.36 W 线圈功率: 无-0.36W				
3. Contact Form: H-1 Form A, D-1 Form B, Z-1 Form C 触点形式: H-1组常开, D-1组常闭, Z-1组转换	6. Features: XXX- Special Requirements, Nil-Standard Type 特性号: XXX-特殊要求, 无-标准型				

SAFETY STANDARD 安规认证

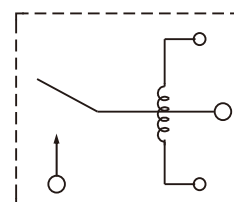
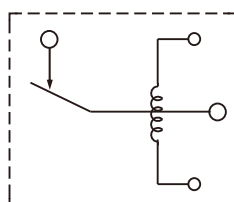
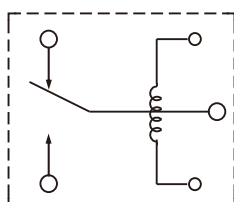
Approval 认证类别	CQC	TUV	UL/C_UL
Authentication Load 认证负载	10A 250VAC 10A 240VAC 10A 250VAC Form A & Form C NO	10A 250VAC 10A 28VDC 10A 250VAC (Form A)	12A 125VAC, Resistive, NO&NC 15A 125VAC, Resistive, NO 10A 250VAC, Resistive, NO

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

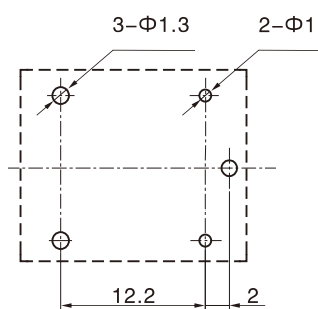


Undimensioned tolerance: <1mm: $\pm 0.2\text{mm}$ 1~5mm: $\pm 0.3\text{mm}$ >5mm: $\pm 0.4\text{mm}$
 未标注尺寸公差: <1mm: $\pm 0.2\text{mm}$ 1~5mm: $\pm 0.3\text{mm}$ >5mm: $\pm 0.4\text{mm}$

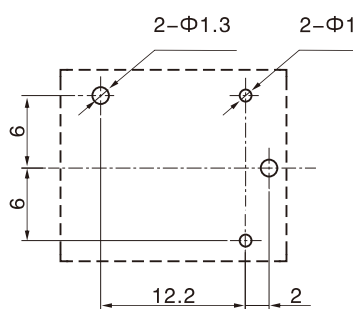
Note: 1. The size of the lead foot is pre welding dimension. 注: 1、引出脚尺寸为预焊前尺寸
 2. installation hole size tolerance: +0.1mm 2、安装孔尺寸公差: $\pm 0.1\text{mm}$



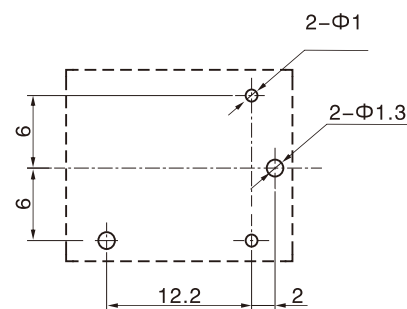
Wiring diagram (bottom view)
接线图 (底视图)



1Z



1D



1H

Mounting hole size (bottom view)
安装孔尺寸 (底视图)

TYPICAL USE 典型用途

- Vending Machines
- Office equipment: Computer, Fax, Etc..
- Smart Home Products
- 家用电器: 空调、电热器等
- 办公室设备: 电脑、传真机等
- 智能家居产品

PERFORMANCE CHART性能曲线图

