



Signal Relay Series 信号继电器系列 --JY23F

FEATURES特点

- 3A Amps super miniature relay
3A超小型继电器
- 1kV dielectric strength (between coil and contacts)
线圈与触点间介质耐压1kV
- 1 Form C configurations
具有一组转换触点形式
- Overall dimensions (12.3X7.4X10.1)mm
外形尺寸 (12.3X7.4X10.1) mm



CONTACT PARAMETERS触点参数

Contact Form触点形式	C-1Form C
Rating Load (Resistive) 额定负载 (阻性)	3A 125VAC/30VDC
Max. Switching Current最大切换电流	3A
Max.Switching Voltage最大切换电压	250VAC
Max.Switching Power最大切换功率	750VA/90W

CHARACTERISTICS性能参数

Contact Materials触点材料	Ag Alloy银合金	
Contact Resistance接触电阻	50 m Ω Max	
Operate Time吸合时间	5ms.Max	
Release Time释放时间	5ms.Max	
Insulation Resistance绝缘电阻	100M Ω Min.(DC500V)	
Initial Dielectric Strength介质耐压	between open contacts: 触点与触点间:	AC500V,50/60Hz 1Min
	between contacts and coil: 触点与线圈间:	AC1000V,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 $^{\circ}$ C ~ +70 $^{\circ}$ C (No condensation) (不冷凝)	
Unit Weight单位重量	约Approx.2.2g	



COIL RATINGS (at23℃) 线圈参数 (在23℃)

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
3	50.00	60	Coil Nominal Voltage 150% 额定电压的 150%	Coil Nominal Voltage 75% 额定电压的 75%	Coil Nominal Voltage 10% 额定电压的 10%	0.15 W
5	30.12	166				
6	25.00	240				
9	16.67	540				
12	12.50	960				
24	6.25	3,840				
3	66.67	45	Coil Nominal Voltage 150% 额定电压的 150%	Coil Nominal Voltage 75% 额定电压的 75%	Coil Nominal Voltage 5% 额定电压的 5%	0.20 W
5	40.00	125				
6	33.33	180				
9	22.22	405				
12	16.67	720				
24	8.33	2,880				

ORDERING INFORMATION订货标记

JY23F-S-DC12V-C-L-(XXX) 1 2 3 4 5 6						
1.Model Number基本型号 JY23F			4.Contact Form: C-1Form C 触点形式: C-1组转换			
2.Encapsulation form: S-Plastic Sealed SH:Fluk proofed 封装形式: S-塑封型 SH-防助焊剂型			5.Coil Power: L- sensitive type (0.15W), No-standard type (0.2W) 线圈功率: 无-标准型 (0.2W), L-灵敏型 (0.15W)			
3.Coil Voltage线圈规格 (VDC) : DC3V,DC5V,DC6V,DC9V,DC12V,DC24V			6. Customer Special Code :XXX- Customer Special Requirements No - Standard Type 客户特性号: XXX-客户特殊要求, 无-标准型			

TYPICAL USE典型用途

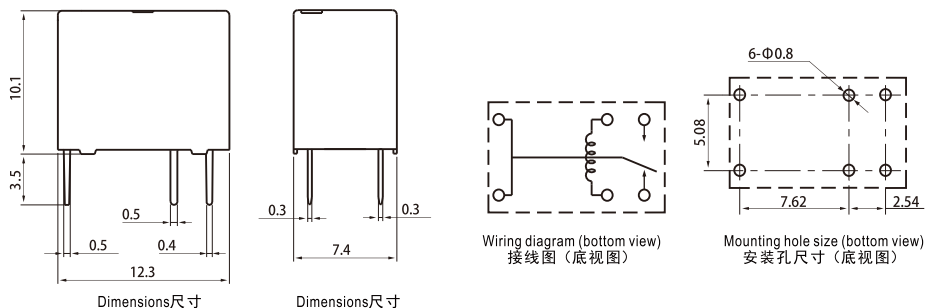
- Automatic control, Communication equipment, Modem, Computer peripherals, Etc.
- 自动控制, 通讯设备, 调制解调器、电脑周边设备等。

SAFETY STANDARD安规认证

AuthType Basic认证类别	CQC	UL/C__UL
Authentication Load 认证负载	3A 125VAC	3A 125VAC 3A 30VDC



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

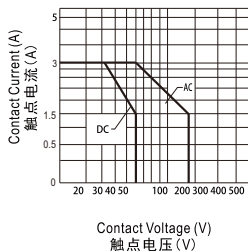


Undimensioned tolerance: <1mm: $\pm 0.2\text{mm}$ 1~5mm: $\pm 0.3\text{mm}$ >5mm: $\pm 0.4\text{mm}$
未标注尺寸公差: <1mm: $\pm 0.2\text{mm}$ 1~5mm: $\pm 0.3\text{mm}$ >5mm: $\pm 0.4\text{mm}$

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: $\pm 0.1\text{mm}$

PERFORMANCE CHART性能曲线图

Max.Switching Power
最大切换功率 (W)



Life Curve
寿命曲线

