



Power Relay Series 功率继电器系列--JY46F

FEATURES特点

- 10A contact switching capability
10A触点切换能力
- Plastic sealed and dust protected types available
塑封型和防尘罩型可供选择
- 1 Form A configurayions
具有一组常开触点形式
- Overall dimensions (20.5X7.0X15.1) mm
外形尺寸 (20.5X7.0X15.1) mm



CONTACT PARAMETERS触点参数

Contact Form触点形式	A-1组常开
Rating Load (Resistive) 额定负载 (阻性)	5A/7A/10A 250VAC/30VDC
Max. Switching Current最大切换电流	5A/7A/10A
Max.Switching Voltage最大切换电压	250VAC/30VDC
Max.Switching Power最大切换功率	2500VA/300W

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	10ms.Max		
Release Time释放时间	5ms. Max		
Insulation Resistance绝缘电阻	1000MΩ Min.(DC500V)		
Initial Dielectric Strength介质耐压	between open contacts: 触点与触点间:	AC750V,50/60Hz 1Min	
	between contacts and coil: 触点与线圈间:	AC4,000V,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）	5×10 ⁶	
	Electrical Life (1800 per hour) 电气寿命（每小时1800次）	1×10 ⁵	
Ambient Temperature环境温度	-40℃～+85℃（No condensation）（不冷凝）		
Unit Weight单位重量	约Approx.3.0g		

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	66.67	45	Coil Nominal Voltage 130% 额定电压的 130%	Coil Nominal Voltage 75% 额定电压的 75%	Coil Nominal Voltage 10% 额定电压的 10%	0.20W
5	40.00	125				
6	33.33	180				
9	22.22	405				
12	16.67	720				
18	11.11	1,620				
24	8.57	2,880				

ORDERING INFORMATION订货标记

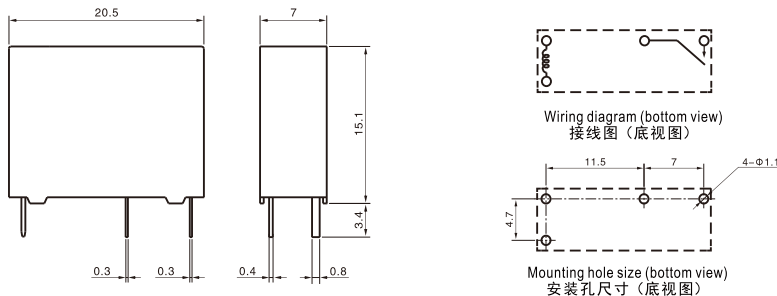
JY46F-S-DC12V-A- (XXX) 1 2 3 4 5				
1.Model Number基本型号 JY46F			4.Contact form: A-1Form A 触点形式：A-1组常开	
2.Encapsulation form:S-Plastic Sealed SH:Fluk proofed 封装形式：S-塑封型 SH-防焊剂型			5. Customer Special Code :XXX-Customer Special Requirements No - Standard Type 客户特性号：XXX-客户特殊要求，无-标准型	
3.Coil Voltage线圈规格 (VDC) : DC3V,DC5V,DC6V,DC9V,DC12V,DC18V,DC24V				

SAFETY STANDARD安规认证

AuthType Basic认证类别	CQC	TUV	UL/C__UL
Authentication Load 认证负载	5A/7A/10A 250VAC	5A/7A/10A 250VAC	5A/7A/10A 250VAC



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: $\pm 0.1\text{mm}$

TYPICAL USE典型用途

- Communication ● Safety equipment, Smart home ● Office equipment, Etc..
- Household appliances, Such as air conditioners, Microwave ovens
- 通讯 ● 安全设备, 智能家居 ● 办公设备等 ● 家用电器, 如空调, 微波炉

PERFORMANCE CHART性能曲线图

