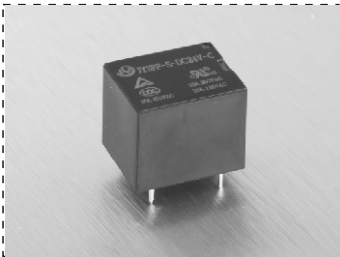


Power Relay Series 功率继电器系列 --JY3FF

FEATURES特点

- Up to 20A contact switching capability
高达20A触点切换能力
- 1 Form A and 1 Form C configurations
具有一组常开、一组转换触点形式
- Plastic sealed and dust protected types available
塑封型和防焊剂型可供选择
- Overall dimensions (18.8X15.2X15.5)mm
外形尺寸 (18.8X15.2X15.5) mm
- 3kV dielectric strength (between coil and contacts)
线圈与触点间介质耐压3kV (高耐压型)



CONTACT PARAMETERS触点参数

Contact Form触点形式	A-1组常开 B-1组常闭 C-1组转换
Rating Load (Resistive) 额定负载 (阻性)	10A/15A/20A 250VAC 10A/15A/20A 125VAC
Max. Switching Current最大切换电流	20A
Max.Switching Voltage最大切换电压	250VAC/28VDC
Max.Switching Power最大切换功率	5000VA/560W

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:	AC 750V, 50/60Hz 1Min
	between contacts and coil: 触点与线圈间:	AC1,500V, 50/60Hz 1Min (普通型) AC3, 000V, 50/60Hz 1 Min (高耐压型)
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.10.0g	



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	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 10% 额定电压的 10%	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	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%	About 0.45 W 约0.45W
3	150	20				
5	89.3	56				
6	75	80				
9	50	180				
12	37.5	320				
15	30	500				
18	25	720				
24	18.75	1280				
48	9.4	5120				

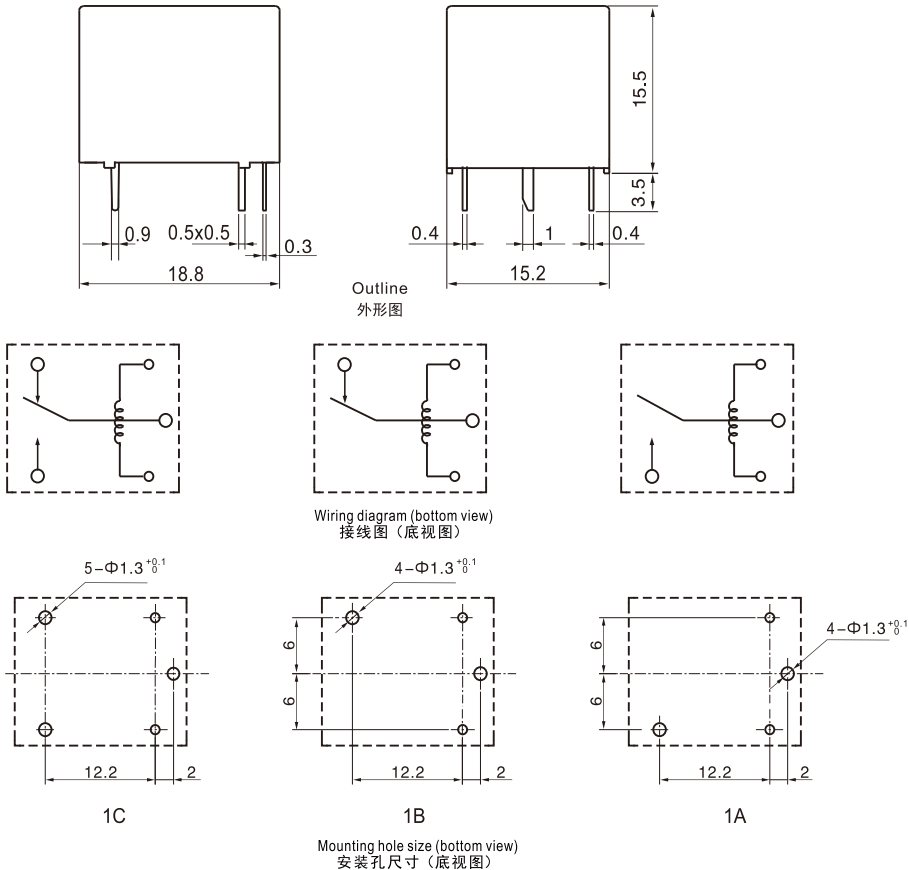
ORDERING INFORMATION订货标记

JY3FF-S-DC12V-A-D- (XXX) 1 2 3 4 5 6					
1.Model Number基本型号 JY3FF			4.Contact form: A-1Form A, B-1Form B, C-1Form C 触点形式: A-1组常开 B-1组常闭 C-1组转换		
2.Encapsulation form:S-Plastic Sealed SH:Fluk proofed 封装形式: S-塑封型 SH-防焊剂型			5. Coil Power:No - 0.36 W, D -0.45W 线圈功率: 无-0.36W, D-0.45W		
3.Coil Voltage线圈规格 (VDC): DC3V,DC5V,DC6V,DC9V,DC12V,DC15V,DC18V, DC24V,DC48V			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		

SAFETY STANDARD安规认证

AuthType Basic认证类别	CQC	TUV	UL/C__UL
Authentication Load 认证负载	10A 250VAC	10A 250VAC	15A 125VAC/250VAC 20A 125VAC/250VAC

OUTLINE, WIRING DIAGRAM, MOUNTING HOLE LAYOUT (UNIT: mm) 外形图、接线图、安装孔尺寸(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: $+0.1\text{mm}$ 2、安装孔尺寸公差: $\pm 0.1\text{mm}$

TYPICAL USE典型用途

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