



Power Relay Series 功率继电器系列 --JY22F

FEATURES特点

- 16A contact switching capability
16A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
- UL insulation system: Class F
UL绝缘等级：F级
- Overall dimensions (20.3X16.6X20.6) mm.
外形尺寸（20.3X16.6X20.6）mm。



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）	16A 250VAC	10A 277VAC	10A/16A 30VDC
Max. Switching Current最大切换电流	16A		
Max.Switching Voltage最大切换电压	250VAC		
Max.Switching Power最大切换功率	4000VA/480W		

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	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℃～+105℃（No condensation）（不冷凝）		
Unit Weight单位重量	约Approx.12.0g		

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 0.36W
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				

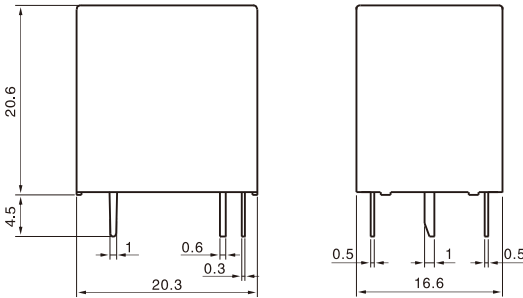
ORDERING INFORMATION订货标记

JY22F-S-DC12V-A-T-(XXX) 1 2 3 4 5 6					
1.Model Number基本型号 JY22F			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.Load Current:No-10A,T-16A 负载电流:无-10A, T-16A		
3.Coil Voltage线圈规格 (VDC): DC3V,DC5V,DC6V,DC9V,DC12V,DC15V,DC18V, DC24V,DC48V,DC60V			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	16A 250VAC 10A 277VAC	16A 250VAC 10A 277VAC	16A 250VAC 10A 277VAC 10A/16A 30VDC

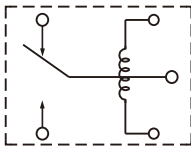
OUTLINE DIMENSIONS (UNIT:mm)外形尺寸 (单位: mm)



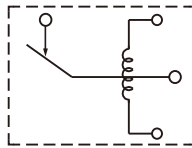
Undimensioned tolerance: <1mm: $\pm 0.2\text{mm}$ 1~5mm: $\pm 0.3\text{mm}$ >5mm: $\pm 0.4\text{mm}$
未标注尺寸公差: <1mm: $\pm 0.2\text{mm}$ 1~5mm: $\pm 0.3\text{mm}$ >5mm: $\pm 0.4\text{mm}$

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: $\pm 0.1\text{mm}$ 2、安装孔尺寸公差: $\pm 0.1\text{mm}$

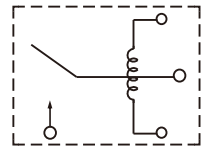
Wiring diagram (bottom view)
接线图 (底视图)



1C

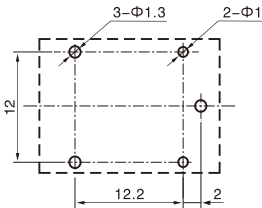


1B

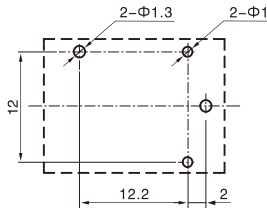


1A

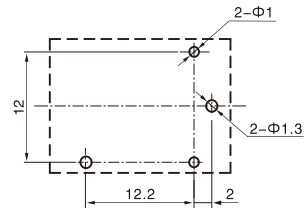
Mounting hole size (bottom view)
安装孔尺寸 (底视图)



1C



1B



1A

TYPICAL USE 典型用途

- Vending Machines
- Household appliances: Air conditioning, Electric heaters, Etc..
- Office equipment: Computer, Fax, Etc..
- Smart Home Products
- 家用电器: 空调、电热器等
- 自动售货机
- 办公设备: 电脑、传真机等
- 智能家居产品



PERFORMANCE CHART性能曲线图

