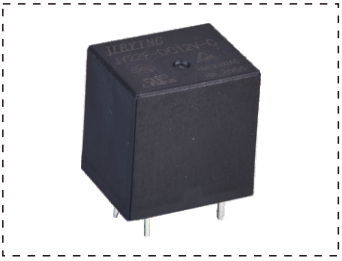
Power Relay Series 功率继电器系列--JY22F

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

2.Encapsulation form:S-Plastic Sealed SH:Fluk proofed
封装形式：S-塑封型 SH-防焊剂型

3.Coil Voltage线圈规格（VDC）：
DC3V,DC5V,DC6V,DC9V,DC12V,DC15V,DC18V,
DC24V,DC48V,DC60V

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

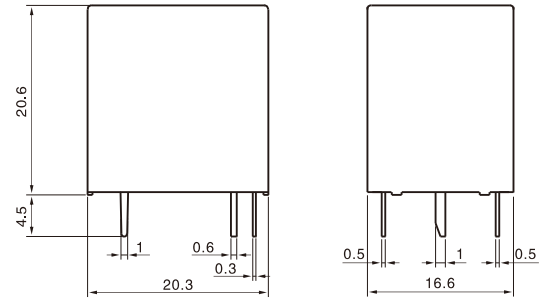
5.Load Current:No-10A,T-16A
负载电流：无-10A，T-16A

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

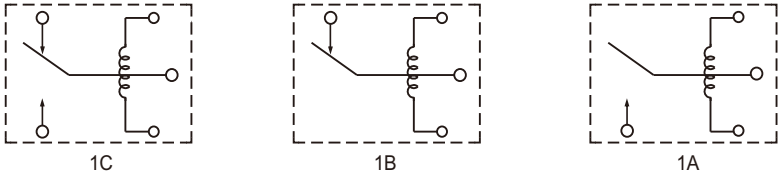
AuthType Basic认证类别	CQC	TUV	UL/C__UL
Authentication Load 认证负载	16A 250VAC 10A 277VAC	16A 250VAC 10A 277VAC	16A 250VAC 10A 277VAC 10A/16A 30VDC

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

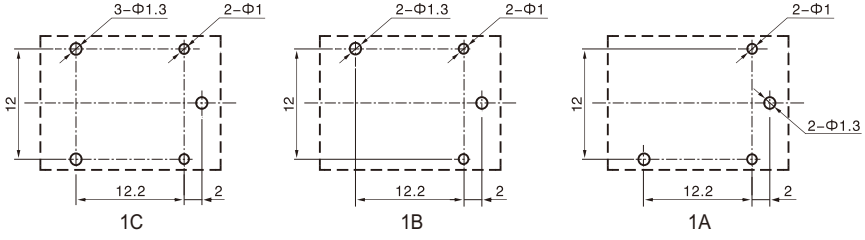


Undimensioned tolerance: ＜1mm：±0.2mm 1~5mm：±0.3mm ＞5mm：±0.4mm
未标注尺寸公差：＜1mm：±0.2mm 1~5mm：±0.3mm ＞5mm：±0.4mm
Note: 1.The size of the lead foot is pre welding dimension. 注：1、引出脚尺寸为预焊前尺寸
2.installation hole size tolerance: + 0.1mm 2、安装孔尺寸公差：±0. 1mm

Wiring diagram (bottom view)
接线图（底视图）



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

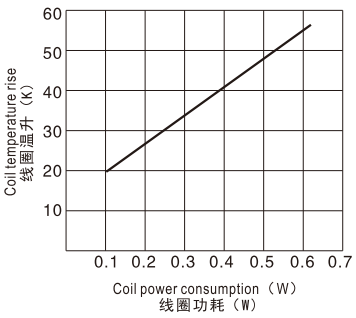


TYPICAL USE典型用途

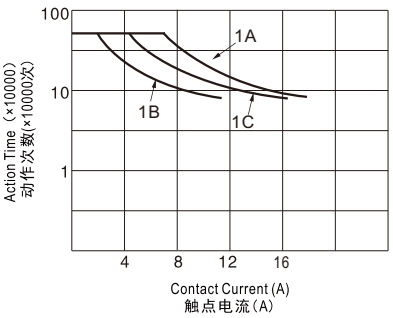
- Vending Machines
- Household appliances: Air conditioning, Electric heaters, Etc..
- Office equipment: Computer, Fax, Etc..
- Smart Home Products
- 家用电器：空调、电热器等
- 自动售货机
- 办公室设备：电脑、传真机等
- 智能家居产品

PERFORMANCE CHART性能曲线图

Coil temperature rise
线圈温升



Life Curve
寿命曲线



Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

JIEYING:

JY23F-S-DC12V-C JYT78F-S-DC12V-C JYT78F-S-DC5V-C(K) JY32FN-S-DC5V-A/10A
JY32FN-SH-DC24V-A/20A JY32FNH-SH-DC12V-A/20A JYT78F-S-DC12V-A JY32FNH-SH-DC5V-A/10A
JY3FF-S-DC12V-C(K) JY3FF-S-DC24V-A(K) JY3FF-S-DC5V-A JY4100F-S-DC24V-C JY4101F-S-DC5V-C
JYT90F-S-DC12V-C JYT90F-SH-DC12V-C JY32FN-S-DC12V-A/10A JY32FN-SH-DC12V-A/20A
JY32FNH-S-DC5V-A/20A JY3FF-S-DC12V-A