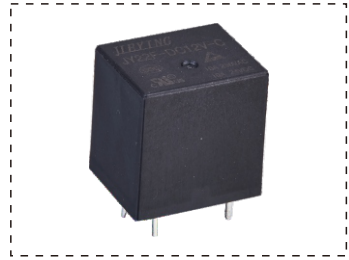


Power Relay Series 功率继电器系列 -- JY22F

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°C) 线圈参数 (在23°C)**

| 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 | | | | |

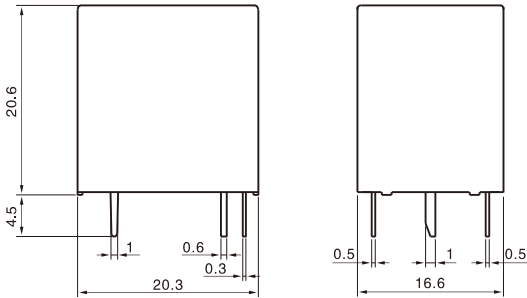
ORDERING INFORMATION 订货标记

| 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 |

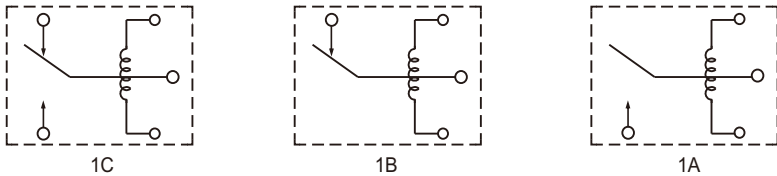
OUTLINE DIMENSIONS (UNIT:mm)外形尺寸 (单位: mm)



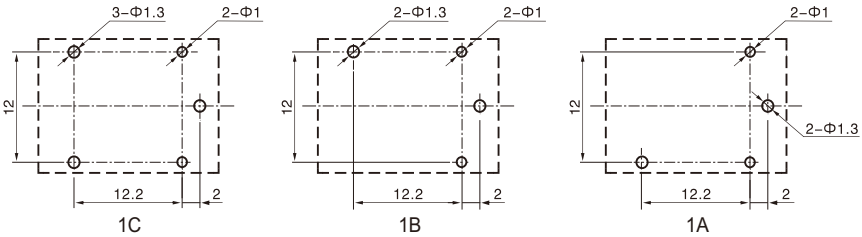
Undimensioned tolerance: <1mm: ±0.2mm 1~5mm: ±0.3mm >5mm: ±0.4mm
 未标注尺寸公差: <1mm: ±0.2mm 1~5mm: ±0.3mm >5mm: ±0.4mm

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)



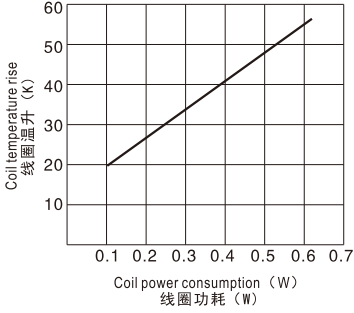
TYPICAL USE 典型用途

- 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

