

## Power Relay Series 功率继电器系列 -- JY32FAG

### FEATURES特点

- Up to 10A contact switching capability  
高达10A触点切换能力
- 5.0kV dielectric strength(between coil and contacts)  
线圈与触点间介质耐压5.0kV
- Plastic sealed and water proofed types  
塑封型与防水型可供选择
- Overall dimensions (17.6X10.1X12.3) mm.  
外形尺寸 (17.6X10.1X12.3 ) 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)	10A 250VAC/30VDC
Max. Switching Current最大切换电流	10A
Max. Switching Voltage最大切换电压	250VAC
Max. Switching Power最大切换功率	2,500VA/300W

### CHARACTERISTICS性能参数

Contact Materials触点材料	Ag Alloy银合金		
Contact Resistance接触电阻	70mΩ Max		
Operate Time吸合时间	8ms. Max		
Release Time释放时间	4ms. 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:	AC1,000V,50/60Hz 1Min	
	between contacts and coil: 触点与线圈间:	AC5,000V,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:	10G Min	
	Malfunction: 误动作:	100G Min	
Life寿命	Mechanical Life (10800 per hour) 机械寿命 (每小时10800次)	1×10 <sup>7</sup>	
	Electrical Life (1800 per hour) 电气寿命 (每小时1800次)	1×10 <sup>5</sup>	
Ambient Temperature环境温度	-40℃ ~ +105℃ (No condensation) (不冷凝)		
Unit Weight单位重量	约Approx.4.6g		

**COIL RATINGS (at 23°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	150.00	20	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 0.45 W
5	90.00	55				
6	75.00	80				
9	50.00	180				
12	37.00	320				
18	25.00	720				
24	18.75	1280				
48	9.38	5120	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 0.23W 约 0.23W
3	78.94	38				
5	46.29	108				
6	38.71	155				
9	25.71	350				
12	19.35	620				
18	12.94	1390				
24	9.67	2480				
48	4.83	9920				

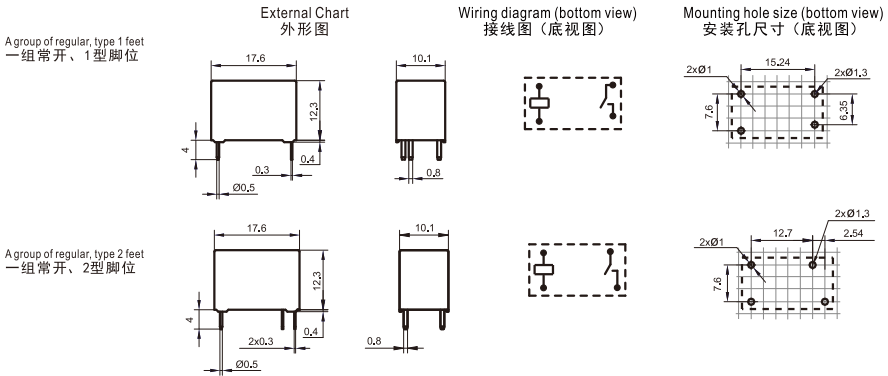
**ORDERING INFORMATION 订货标记**

JY32FAG-S-DC12V-A-L-1-(XXX) <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	
1. Model Number 基本型号 JY32FA-G	5. Coil Power: No - 0.45 W, L - 0.23W 线圈功率: 无 - 0.45W, L - 0.23W
2. Encapsulation form: S-Plastic Sealed SH-Flux proofed 封装形式: S-塑封型 SH-防焊剂型	6. Induces foot position: 1-1 foot position, 2-2 foot position 引出脚位: 1-1型脚位, 2-2型脚位
3. Coil Voltage 线圈规格 (VDC): DC5V, DC6V, DC9V, DC12V, DC18V, DC24V, DC24V, DC48V	7. 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
4. Contact form: A-1 Form A 触点形式: A-1组常开	

**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/30VDC	10A 250VAC/30VDC	10A 250VAC/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

**TYPICAL USE典型用途**

- Household equipment, Office equipment, Audio, Smart home, Smart socket, Etc..
- 家用设备, 办公设备, 音响, 智能家居, 智能插座等

**PERFORMANCE CHART性能曲线图**

