

Magnetic Maintenance Relay Sseries 磁保持继电器系列 --JY3FL

FEATURES特点

- Small size,100A contact switching capability
体积小、100A触点切换能力；
- Small coil power consumption ,Largely reduce the temperature increment
线圈功耗小，温升极低
- Small contact resistance,good electrical contact stability
接触电阻小，电接触稳定性能好；
- Strong shock resistance and vibration resistance
抗冲击、抗振动能能力强；
- Overall dimensions(52X43X22)mm
外形尺寸：52×43×22mm



CONTACT DATA 主要技术参数

Contact Form 触点形式	1A 1B
Contact Material 触点材料	AgSO ₂
Contact Resistance 接触电阻	1mΩ
6VDC 1A	
Rated Load 触点负载	100A 250VAC/120A 250VAC
Max.Switching Current 最大切换电流	100A/120A
Max.Switching Voltage 最大切换电压	250VAC
Max.Switching Power 最大切换功率	25000VA/30000VA
The durability of electricity 机械寿命	5×10 ⁵
Mechanical durability 电气寿命	1×10 ⁴
Pick-up Time 动作时间	≤20ms
Release Time 回复时间	≤20ms
Coil Power 线圈功率	Single coil: 2.3W Double coil: 4.6W 单线圈：2.3W 双线圈：4.6W
Insulation (Coil & Contacts) 触点与线圈耐压	4000VAC 1min
Insulation (Between Contacts) 触点间耐压	1800VAC 1min
Insulation Resistance 绝缘电阻	≥1000mΩ
Ambient Temperature 环境温度	-40° C~+70° C
Shock Strength 抗冲击强度	1000m/S ²
Shock Stability 抗冲击稳定性	100M/S ²
humidity湿度	98%RH.40
Installation mode 安装方式	Momentary Connection 快速连接
weight 重量	80g

SAMPLE ORDER 订货示例

$\text{JY09E} - \frac{\text{F}}{1} - \frac{1}{2} \frac{12}{3} \frac{\text{D}}{4} \frac{\text{B}}{5} \frac{\text{B}}{6}$	
Relay Type: JY09E	JY09E
Sealed type: F- dustproof type, S- plastic encapsulated type	密封型：F-防尘型，S-塑封型
Contact group number: 1 represents 1 groups of contacts, 2 represents 2 sets of contacts	触点组数：1代表1组触点，2代表2组触点
Coil Voltage: 09-9VDC, 12-12VDC	线圈电压：09代表9VDC, 12代表13VDC
Coil form: no indication of a group of coils, D represents two sets of coils	线圈形式：无表示一组线圈，D表示两组线圈
contact form: M stands for normally open contact, does not represent conversion, B stands for normally closed	触点形式：M代表常开触点，没有代表转换，B代表常闭

Coil Data (at 23°C) 线圈参数 (at 23 °C)

Model 型号规格	Rated Voltage VDC 额定电压 VDC	Coil Resistance $\Omega \pm 10\%$ 线圈电阻 ($\Omega \pm 10\%$)	Max.Pull-in Voltage $\leq VDC$ 吸合电压最大 VDC	Min.Release Voltage $\geq VDC$ 释放电压最小 VDC	Coil Power 线圈功率W
9V	9	35	6.75	6.75	2.3
12V	12	63	9	9	
24V	24	250	18	18	
48V	48	1002	36	36	
9V	9	2×18	6.75	6.75	4.6
12V	12	2×31	9	9	
24V	24	2×125	18	18	
48V	48	2×501	36	36	

Overalland Mounting Dimensions 外形及安装图

