



Magnetic Maintenance Relay Sseies 磁保持继电器系列 -- JY09BC

FEATURES特点

- Small size, 80A/90A contact switching capability
80A/90A
- 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, 电接触稳定性好;
- Strong shock resistance and vibration resistance
抗冲击、抗振动能能力强;
- Overall dimensions (38X30X17)mm
外形尺寸: 38 × 30 × 17mm



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	1.0mΩ
6VDC 1A	
Rated Load 触点负载	80A 250VAC/90A 250VAC
Max. Switching Current 最大切换电流	80A/90A
Max. Switching Voltage 最大切换电压	250VAC
Max. Switching Power 最大切换功率	20000VA/22500VA
The durability of electricity 机械寿命	5 × 10 ⁶
Mechanical durability 电气寿命	1 × 10 ⁴
Pick-up Time 动作时间	≤ 15ms
Release Time 回复时间	≤ 15ms
Coil Power 线圈功率	Single coil: 1.5W Double coil: 3W 单线圈: 1.5W 双线圈: 3W
Insulation (Coil & Contacts) 触点与线圈耐压	2500VAC 1min
Insulation (Between Contacts) 触点间耐压	1500VAC 1min
Insulation Resistance 绝缘电阻	≥ 1000mΩ
Ambient Temperature 环境温度	-40°C 55°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	P. C. b
weight 重量	42g

SAMPLE ORDER 订货示例

<u>JY09BC</u> — <u>F</u> — <u>1</u> <u>12</u> <u>D</u> <u>B</u>					
1 2 3 4 5 6					
Relay Type: JY09BC	JY09BC				
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	54	6.75	6.75	1.5
12V	12	96	9	9	
24V	24	384	18	18	
48V	48	1536	36	36	
9V	9	2×27	6.75	6.75	3
12V	12	2×48	9	9	
24V	24	2×192	18	18	
48V	48	2×768	36	36	

Overalland Mounting Dimensions 外形及安装图

