

技术规格书

Technique Spec

|                    |             |                      |              |
|--------------------|-------------|----------------------|--------------|
| 磁保持继电器<br>ML Relay | 型号 Type     | 文件编号 Document Number | GW718K-JS-01 |
|                    | GW718K-120A | 生效日期 Effective Date  | 2020-1-1     |
|                    |             | 版本号 Version Number   | A-0          |

一、基本参数 Contact Specification

|                                             |                    |
|---------------------------------------------|--------------------|
| 外形尺寸 Dimensions (mm)                        | 98.4*40.3*37.8     |
| 触点形式 Contact Form                           | 3A/3B              |
| 触点材料 Contact Material                       | 银合金 (Silver Alloy) |
| 最大切换电流 Max Switching Current (阻性 Anti-load) | 120A               |
| 最大切换电压 Max Switching Voltage                | 250VAC             |
| 最大切换功率 Max Switching Power                  | 30000VA            |
| 重量 Wight                                    | 470g               |

二、线圈参数 Coil Specification (20℃)

|                                       |                        |                               |       |       |       |
|---------------------------------------|------------------------|-------------------------------|-------|-------|-------|
| 线圈额定电压 Rated Coil Voltage             |                        | 9VDC                          | 12VDC | 24VDC | 48VDC |
| 线圈电阻<br>Coil Resistance               | 单线圈 Single Coil(±10%Ω) | 27                            | 48    | 192   | 768   |
|                                       | 双线圈 Double Coil±10%Ω)  | 13.5                          | 24    | 96    | 384   |
| 功率 Power Consumption                  |                        | 单线圈 3.0W; 双线圈 6.0W(特殊功耗特殊订货)  |       |       |       |
| 闭合电压 Pick-up Voltage                  |                        | ≤75%额定值 (Rated Coil Voltage)  |       |       |       |
| 断开电压 Drop-out Voltage                 |                        | ≤75%额定值 (Rated Coil Voltage)  |       |       |       |
| 过载电压 Max. Applicable Voltage          |                        | ≤120%额定值 (Rated Coil Voltage) |       |       |       |
| 闭合时间 Pick-up Time (At Rated Voltage)  |                        | ≤50ms                         |       |       |       |
| 断开时间 Drop-out Time (At Rated Voltage) |                        | ≤50ms                         |       |       |       |
| 回跳时间 Bounce Time                      |                        | ≤2ms                          |       |       |       |

三、特性参数 Characteristics

|                             |                                  |                                  |
|-----------------------------|----------------------------------|----------------------------------|
| 环境温度 Ambient Temp           |                                  | -40℃~+85℃                        |
| 环境湿度 ambient humidity       |                                  | 年平均≤75%                          |
| 抗振动 Anti-vibration          |                                  | 10~55Hz,1.5mm (Double Amplitude) |
| 抗冲击 Anti-shock              |                                  | 98m/s <sup>2</sup> ,11ms         |
| 相对湿度 R.H.                   |                                  | 5%~85%RH                         |
| 接触电阻 Contact Resistance     |                                  | ≤2.0mΩMax                        |
| 绝缘电阻 Insulation Resistance  |                                  | 1000MΩ (500VDC)                  |
| 介质耐压<br>Dielectric Strength | 触点间 Between Contacts             | 2000VAC 50/60Hz (1 Minute)       |
|                             | 触点与线圈间 Between Contact & Coil    | 4000 VAC 50/60Hz (1 Minute)      |
|                             | 触点组间耐压 Between Contacts& Contact | 4000 VAC 50/60Hz (1 Minute)      |
| 寿命 Life                     | 电气寿命 Electrical Life             | ≥1 x 10 <sup>4</sup> OPS         |
|                             | 机械寿命 Mechanical Life             | ≥1 x 10 <sup>5</sup> OPS         |

#### 四、外形图 External Diagram 及接线图

