

MX-SP2

One use one spare water pump controller

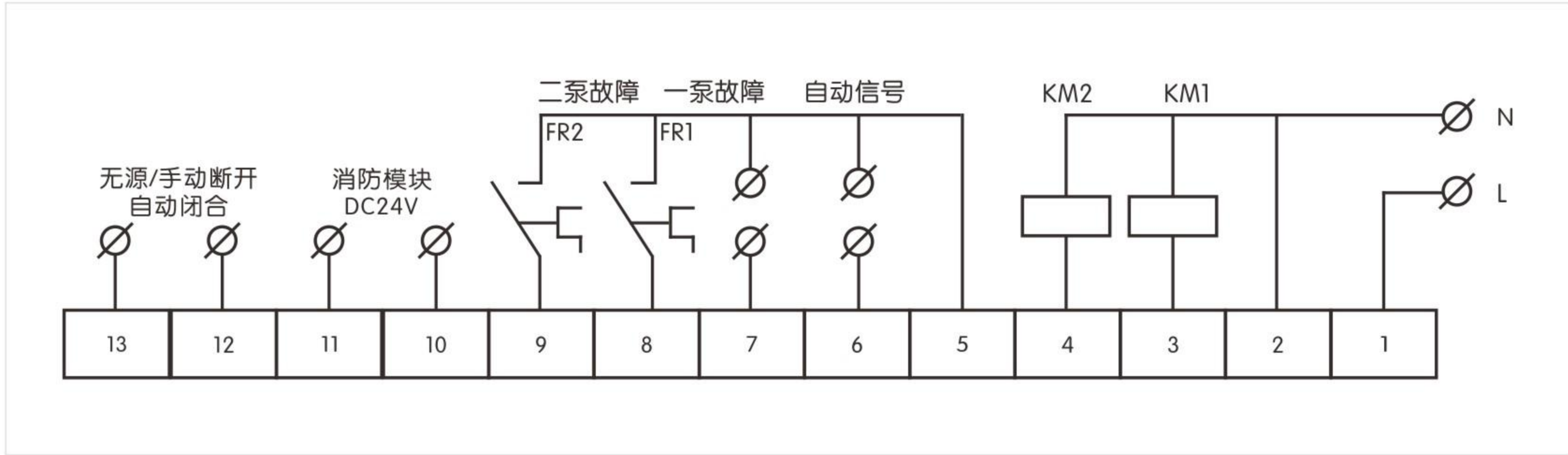
一用一备水泵控制器



自动信号接线 Automatic signal wiring

- 排水控制：单浮球接5#、6#（接常开）（需选择一主一备模式）；双浮球低水位接5#、6#，高水位接5#、7#（接常开，溢水位双泵同启）；
- 给水控制：浮球接5#、6#（接常闭）；
- 电接点压力表：接5#接动端、6#接下限，7#接上限；
- 消防联动：10#、11#端口接DC24V，不分正负，得电启动，失电停止。
- Drainage control: Single float with 5#, 6# (normally open) (need to select a master and standby mode); The low water level of the double float is connected with 5# and 6#, and the High water level with 5#, 7# (normally open, overflow water level double pump with open);
- Water supply control: float ball 5#, 6# (normally closed);
- Electric contact pressure gauge: 5# connecting end, 6# connecting lower limit, 7# connecting upper limit;
- Fire linkage: 10#, 11# port DC24V, regardless of positive and negative, power start, power stop.

接线原理图 Wiring diagram



产品概述 Product Overview

该系列一用一备水泵控制器水泵控制器，是广泛应用于潜水排污泵、深井给水泵、消防稳压泵、多级离心泵、污水提升装置等设备，适用于22KW以下水泵的直接启动、浮球、压力等控制。

The pump controller is widely used in submersible sewage pump, deep well feed pump, fire stabilized pump, multistage centrifugal pump, sewage lifting device and other equipment, suitable for 22KW water pump below the direct start, float, pressure control.

功能选择说明 Function selection description

- 在自动状态下按住一泵启动键5秒可切换浮球控制或压力控制模式，红灯亮为压力控制模式，出厂默认红灯不亮，为浮球控制。
- 在自动状态下按住一泵停止键5秒可切换选泵控制和轮泵控制，红灯亮为选泵控制，出厂默认红灯不亮，为轮泵控制。轮泵控制是指两泵交替使用，选泵控制是根据面板上的主泵选择来控制使用哪一台泵。
- 在手动状态下，按住主泵选择键5秒以上，可切换8#、9#端子的故障信号类型，分常开型和常闭型，出厂默认为常开型。
- 双泵同启功能：支持高水位双泵同启，在一泵二泵都允许时，高水位信号输入，双泵同启。
- 故障切换功能：当主泵出现故障时，备用泵会自动投入工作。
- Press and hold a pump start button in the automatic state for 5 seconds to switch the float control or pressure control mode, the red light is the pressure control mode, the factory default red light is not on, the float control.
- In the automatic state, hold down a pump stop button for 5 seconds to switch between pump selection control and wheel pump control, the red light is the pump selection control, the factory default red light is not the wheel pump control. Wheel pump control refers to the alternate use of two pumps, and the pump selection control is to control which pump is used according to the main pump selection on the panel.
- In the manual state, hold down the main pump selection key for more than 5 seconds, you can switch the fault signal type of 8# and 9# terminals, divided into normal open type and normal closed type, the factory default is normal open type.
- Double pump with start function: support high water level double pump with start, when one pump and two pumps are allowed, high water level signal input, double pump with start.
- Failover function: When the main pump fails, the backup pump will automatically put into work.

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接线端口 Connection port

端子号 No.	说明 Description	端子号 No.	说明 Description
1	工作电源 AC220V 火线 Working power supply AC220V live line	7	自动信号控制点 Automatic signal control point
2	工作电源 AC220V 零线 Working power supply AC220V neutral line	8	一泵故障保护 A pump failure protection
3	1#接触器线圈控制点 1# contactor coil control point	9	二泵故障保护 B pump failure protection
4	2#接触器线圈控制点 2# contactor coil control point	10/11	消防模块DC24V Fire module DC24V
5	公共信号触点 Common signal contact	12/13	无源/手动断开自动闭合 Passive/Manual disconnect Automatically closes
6	自动信号控制点 Automatic signal control point		

外形尺寸图 Outline dimensional drawing

