JYB-714

Liquid level relay(water level controller)

液位继电器(水位控制器)

功能特性 Functional characteristics

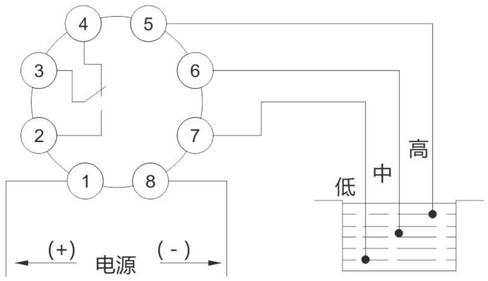
- 适用于控制任何导电液体之液面。(禁止使用于挥发性液体)
- 适用于交流电源(AC)。
- 具有突波保护装置,可有效防止突波干扰。
- 电极头使用低交流电压，可避免电解作用,并可增长寿命。
- 具有工作指示灯，可显示供水及排水状态。
- 具有排水或给水自动运转，并兼具有异常加水警报器功能。

- Suitable for controlling the liquid level of any conductive liquid. (Do not use on volatile liquids)
- Used in AC power supply (AC).
- With surge protection device, can effectively prevent surge interference.
- The electrode head uses a low AC voltage to avoid electrolysis and increase life.
- With working indicator light, can show the water supply drainage status.
- It has the automatic operation of drainage or water supply, and also has the function of abnormal water alarm.

主要技术参数 Main Technical Parameters

项目 Item	参数 Parameters	
产品型号 Product model	JYB-714	JYB-714
工作模式 Working mode	供水型	排水型
工作电源 Working power supply	AC24V、AC220V、AC380V	
水控距离 Water control distance	≤100米	
触点数量 Number of contacts	一组常开常闭触点	
触点容量 Contact capacity	3A AC250V(阻性)	
外形尺寸 Overall dimension	40×62×92mm	
安装方式 Installation mode	35mm导轨式或装置式	

接线示意图 Wiring diagram (mm)



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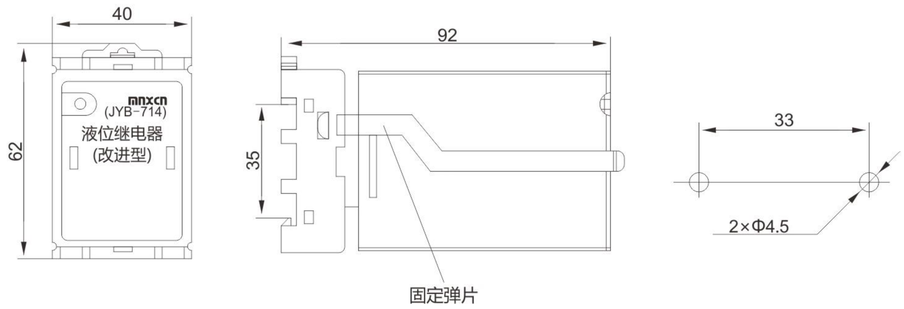
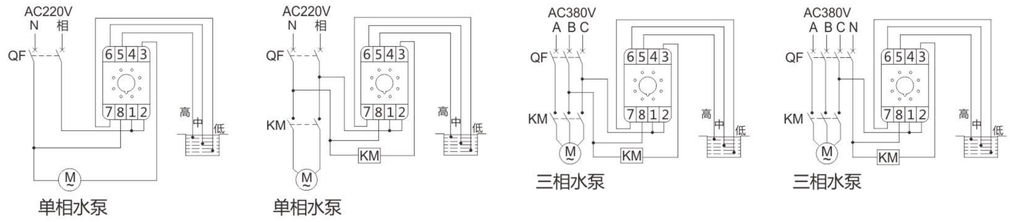
外形及安装尺寸图 Outline & mounting dimensions drawing



应用说明 Application description



- 单相水泵时，若功率≤200W，继电器直接控制，接线参考例1；
  若功率>200W，继电器通过交流接触器扩容，接线参考例2；
  三相水泵时，交流接触器和继电器电源为AC380V，接线参考例3；
  交流接触器和继电器电源为AC220V时，接线参考例4。
- 示例继电器所起的功能为(以供水型为例):当接通电源时,若水池中的水位低于中水位探头,继电器直接或通过交流接触器接通水泵电源，开始给水池供水。待水位高于高水位探头时，继电器直接或通过交流接触器切断水泵电源，停止供水。
  注1：为避免继电器频繁开关，中水位探头最好置于中间，不要太靠近低水位或高水位探头。
  注2：KM为交流接触器的线圈，A1、A2两端可按例2、例3、例4接。
  注3：例3中的继电器及KM的工作电源均为AC380V，应注意所选用产品的电压等级。

- Single-phase water pump, if the power is less than 200W, relay direct control, wiring reference example 1; If the power is greater than 200W, the relay is expanded by AC contactor. For details, see Example 2.
  For three-phase water pump, the AC contactor and relay power supply are AC380V. When the AC contactor and relay power supply are AC220V, refer to Example 4 to connect cables.
- The function of the example relay is (take the water supply type as an example): when the power supply is switched on, if the water level in the pool is lower than the middle water level probe, the relay directly or through the AC contactor to turn on the pump power supply and start to supply water to the pool. When the water level is higher than the high water level probe, the relay cuts off the pump power directly or through the AC contactor to stop the water supply.

Note 1: To avoid frequent switching of the relay, it is best to place the medium water level probe in the middle, not too close to the low or high water level probe.
Note 2: KM is the coil of the AC contactor, both ends of A1 and A2 can be connected as shown in Example 2, Example 3, example 4.
Note 3: The working power supply of the relay and KM in example 3 is AC380V, and attention should be paid to the voltage level of the selected product.