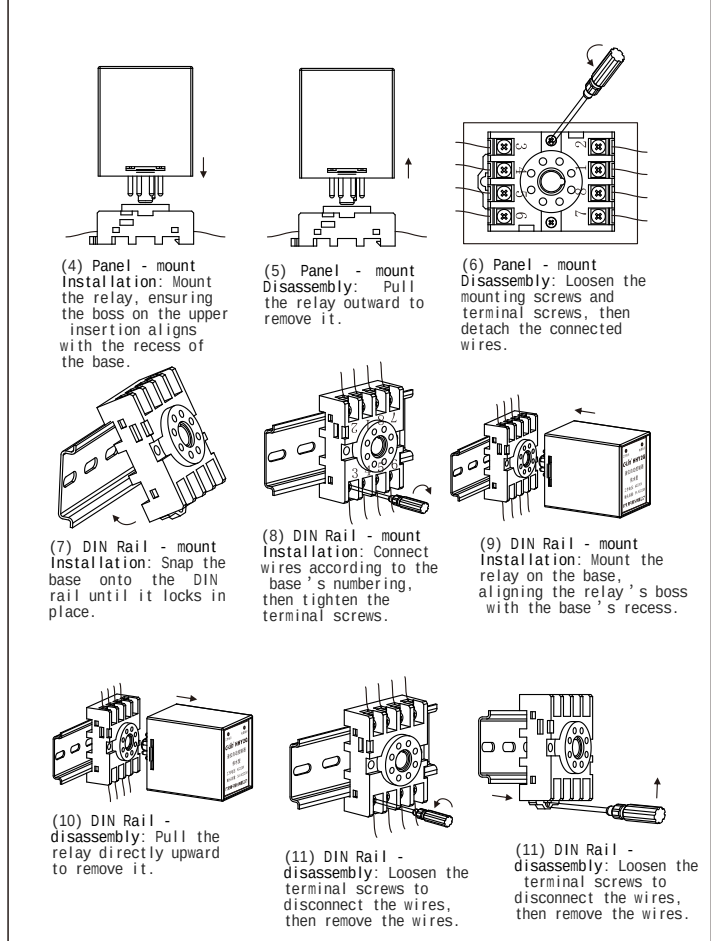
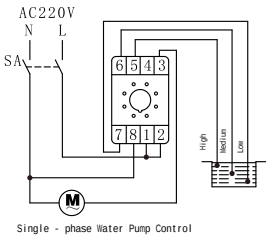




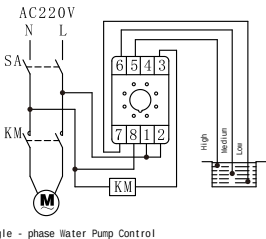
VIII.Examples of Application Circuits

Example 1:



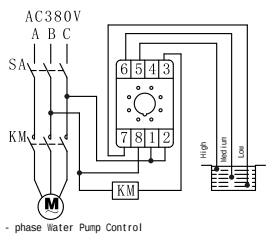
Single - phase Water Pump Control

Example 2:



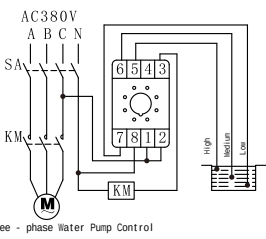
Single - phase Water Pump Control

Example 3:



Three - phase Water Pump Control

Example 4:



Three - phase Water Pump Control

1.For single - phase water pumps: If the power is $\leq 200W$, the relay controls the pump directly. Refer to Example 1 for wiring. If the power exceeds 200W, the relay controls the pump via an AC contactor for current expansion. Refer to Example 2 for wiring. For three - phase water pumps: When the AC contactor and the relay are powered by AC 380V, refer to Example 3 for wiring. When the AC contactor and the relay are powered by AC 220V, refer to Example 4 for wiring.

2.Function of the relay in the examples (taking the water - supply type as an example): When power is applied, if the water level in the tank is lower than the medium level, the relay connects the pump's power supply (directly or via an AC contactor), starting water supply to the tank. When the water level rises above the high level, the relay disconnects the pump's power supply (directly or via an AC contactor), stopping the water supply.

Note 1: To avoid frequent switching of the relay, the medium - water - level probe is best placed in the middle and not too close to the low - water - level or high - water - level probes.

Note 2: KM is the coil of the AC contactor. Terminals A1 and A2 can be wired with reference to Example 2, Example 3, and Example 4.

Note 3: The working power supply of the relay and KM in Example 3 is both AC380V. Pay attention to the voltage rating of the selected product.

IX.Ordering Information

When placing an order, the product model, voltage rating, and quantity need to be specified. If there are special requirements , they should be additionally noted.

For example: HHY2G AC220V, 100 pieces.



产品合格证

符合标准: GB/T 14048.5

检 验 员: 格 01

出厂日期: 见产品或包装

本产品经检验合格,准予出厂。

 欣灵电气股份有限公司
XINLING ELECTRICAL CO., LTD.


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技术咨询: 400-8236-775



HHY2 Series Liquid Level Relays

Thank you very much for using C-Lin brand liquid level relays. Please read the instruction manual before use!

02A006P0

国家高新技术企业 浙江省知名商号



使用说明书
Products Instructions