

c)The coil voltage of the AC contactor is AC380V 50Hz, and the wiring method is as shown in Example 4 and Example 8.

IX. Troubleshooting

- After power - on, if the product power indicator does not light up, check whether the power input is correctly connected to a power supply that matches the product's operating voltage.
- When this product is opened, no matter what key is pressed, if the display screen does not display or the display is blurry, it is because the internal battery power is insufficient. If necessary, the battery can be replaced according to the product returned for inspection by the commodity inspection or the company's sales department.
- The product cannot work according to the preset time mode, and there may be the following reasons:
 - When "setting the timing program", the day - of - the - week mode is not set correctly. Please reset the correct day - of - the - week mode according to the method in "setting the timing program" as needed.
 - When "setting the timing program", redundant program groups are set. Press the "manual" key to cancel the redundant program groups, and it will display "automatic".
 - The "operating status" is not set correctly. That is, when the current time is in the manual - on state, the bottom of the display screen should display "automatic". If it is not in this position, please adjust from "on" or "off" to the "automatic" state according to the on or off of the current time.
- Key failure or time not moving: The product may be frozen due to severe electromagnetic interference, ambient temperature, or other reasons. Insert a needle - like object into the "reset" hole, and it can return to normal operation.
- If the above methods cannot eliminate the fault, please contact our company or the local distributor for handling.

X. Precautions

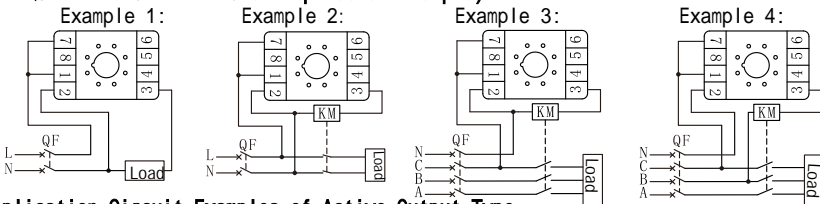
- The product works in a humid, corrosive, and high - metal - content gas environment, or the product is contaminated with oil or water, which will affect the normal operation of the product.
- To prevent the contacts from heating under power failure, be sure to tighten the screws of the terminal posts when wiring.

XI. Ordering Instructions

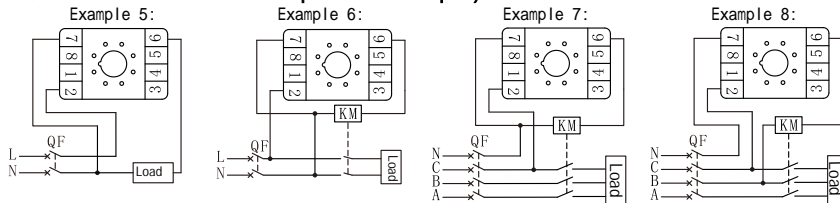
Please specify the HHQ9 model, voltage class, quantity, and when there are special requirements, they should be stated separately.

For example: HHQ9 - 2 AC220V 100 pieces.

VII. Application Circuit Examples of Passive Contact Output Type (Taking HHQ9 - 2 to Control "One Loop" as an Example)



VIII. Application Circuit Examples of Active Output Type (Taking HHQ9 - 6 to Control "One Loop" as an Example)



- Direct - control mode wiring: If the controlled load is single - phase powered and the power consumption does not exceed the rated capacity of this switch, direct - control mode can be adopted, and the wiring method is as shown in Example 1 and Example 5.
- Single - phase expansion mode wiring: If the controlled load is single - phase powered, but the power consumption exceeds the contact capacity of this switch (refer to the main technical data table), an AC contactor with a capacity exceeding the load power consumption is needed for expansion, and the wiring method is as shown in Example 2 and Example 6 (the operating voltage of the AC contactor coil is AC220V).
- Three - phase operation mode wiring:
 - If the controlled load is three - phase powered, an external three - phase AC contactor is required.
 - The coil voltage of the AC contactor is AC220V 50Hz, and the wiring method is as shown in Example 3 and Example 7.



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国家高新技术产品 浙江著名商标

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使用说明
Products Instructions

HHQ9 Series
Time - Control Switch

Thank you very much for using C-Lin brand time - control switch.
Please read the instruction manual before using the product!

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