Description

1. Wide voltage power supply (6~30V) supports micro USB 5.0V power supply, which is very convenient to use;

2. The interface is clear and simple, powerful, easy to understand, and almost meets all your needs;

3. There is a key emergency stop function (STOP key), with reverse connection protection, reverse connection does not burn;

4. Different OP, CL, LOP parameters can be set, these parameters are independent of each other and saved separately;

5. All set parameters are automatically saved after power-off.

Operating mode:

P1: After the signal is triggered, the relay is turned on for OP time, and then turned off; during OP time, the following operations

P1.1: The signal is invalid when triggered again

P1.2: The signal is triggered again to re-timing

P1.3: The signal triggers the reset again, the relay is disconnected, and the timing stops;

P-2: Give the trigger signal, after the relay is turned off for CL time, the relay is turned on for OP time, after the timing is completed, the relay is turned off;

P3.1: Give the trigger signal, after the relay is turned on for the OP time, the relay will disconnect for the CL time, and then cycle the above actions, give the signal again in the cycle, the relay will disconnect, and stop timing; the number of cycles (LOP) can be set;

P3.2: There is no need to trigger signal after power-on, the OP time of relay is on, the CL time of relay is off, the above actions are cycled; the number of cycles (LOP) can be set;

P-4: Signal holding function. If there is a trigger signal, the timer is cleared and the relay remains on; when the signal disappears, the relay is disconnected after timing the OP; during the timing, there is another signal, and the timer is cleared;

Product parameters:

1: Working voltage: 6-30V support micro USB 5.0V power supply

2: Trigger signal source: high-level trigger (3.0V-24V) The signal ground and the system ground are not in the same ground to improve the anti-interference ability of the system (also can be short-circuited to the common ground)

3: Output capacity: can control equipment within DC 30v 5A or AC 220v5A

4: Quiescent current: 20mA working current: 50mA

5: Service life: more than 100,000 times; working temperature: -40—85°C; size: 6.2*3.8*1.7cm

6: With optocoupler isolation, enhanced anti-interference ability, industrial grade circuit board, set parameters forever after power failure memory.

Special attention: The relay output is a passive contact, uncharged output,

and controls the on-off function of a line.

Timing range

0.1 second (minimum) ~ 999 minutes (maximum) continuously adjustable

How to choose the timing range:

After setting the parameter value in the mode selection interface, short press the STOP button to select the timing range;

XXX. The decimal point is in the ones place, and the timing range: 1 second to 999 seconds

XX.X The decimal point is in ten's place, timing range: 0.1 second to 99.9 seconds

X.X.X. All decimal points are lit, timing range: 1 minute to 999 minutes

For example, if you want to set the OP to 3.2 seconds, move the decimal point to the tenth place, and the digital tube will display 03.2

Parameter description: OP on time, CL off time, LOP cycle times (1—999 times, "---" represents infinite cycles)

These parameters are independent of each other, but each mode shares these parameters. For example, if the on-time OP is set to 5 seconds in P1.1, and the user wants to switch to P1.2 mode, then when entering P1.2 to set the corresponding parameters, OP It will also be 5 seconds;

In the main interface (display 000), short press the SET button, it will display OP (CL, LOP) and the corresponding time XXX;

If there is only OP (such as mode P1.1, P1.2, P1.3) time in the mode, then short press the SET key will only display OP and the corresponding time;

If there are OP, CL, LOP in the mode (such as mode P3.1, P3.2), short press the SET button will display OP and corresponding time, CL and corresponding time, LOP and corresponding times;

After setting the mode, you can easily view the parameters set in the current mode by short pressing the SET button on the main interface, which is very convenient!
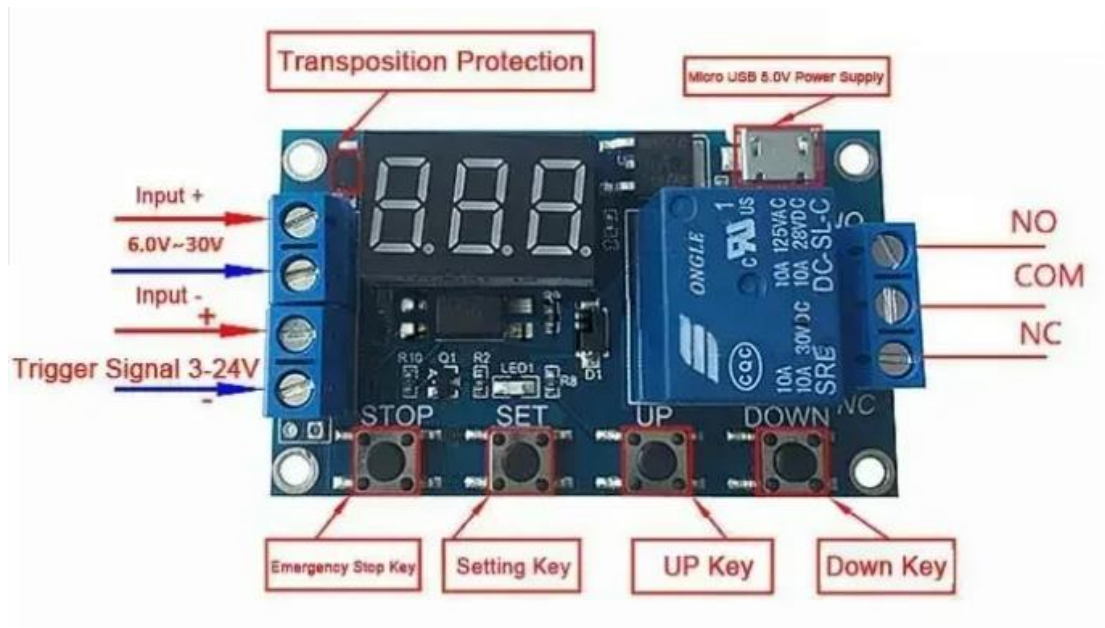
How to set parameters

1. First determine the working mode of the relay;

2. According to the working mode of the relay, in the main interface (when the module is powered on, it will flash the current working mode (default P1.1 mode), and then enter the main interface,) "Long press the SET button for 2 seconds and then release "Enter the mode selection interface, and select the mode to be set by short pressing the UP and DOWN buttons (P1.1~P-4);

3. After selecting the mode to be set (for example, P3.2), short press the SET button to set the corresponding parameters. At this time, the parameters to be set will flash (OP on time, CL off time, LOP cycle times ("---" represents an infinite cycle)), adjust the parameter value through UP and DOWN, support long press (rapid increase or decrease) and short press (increase or decrease by 1 unit); after setting the parameter value, short press the STOP button To select the decimal point position, select the timing range (corresponding time 0.1 second ~ 999 minutes); short press the SET key to set the next parameter of the current mode, the process is the same as above;

4. After setting the parameters of the selected mode, press and hold the SET button for 2 seconds and then release it. The currently set mode will flash, and then return to the main interface. The parameter setting is successful, very simple!

Main interface: "000" (no decimal point) is displayed when the relay is not working, and there is a decimal point when the relay is working, which is very clear!

Mode selection interface: Long press the SET button to enter, after the setting is completed, long press the SET button to exit and return to the main interface, very simple!

Transposition Protection

Micro USB 5.0V Power Supply

Input +
6.0V~30V
Input -
+
Trigger Signal 3-24V
-

NO
COM
NC

STOP   SET   UP   DOWN

Emergency Stop Key   Setting Key   UP Key   Down Key

Micro USB 5.0V Power Supply

220VAC
Live Line
Null Line

Input +
6.0V~30V
Input -
+
Trigger Signal 3-24V
-

STOP   SET   UP   DOWN

Device

Low Voltage Control High Voltage Connection Picture