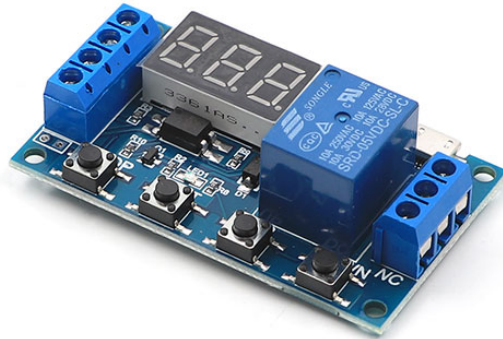


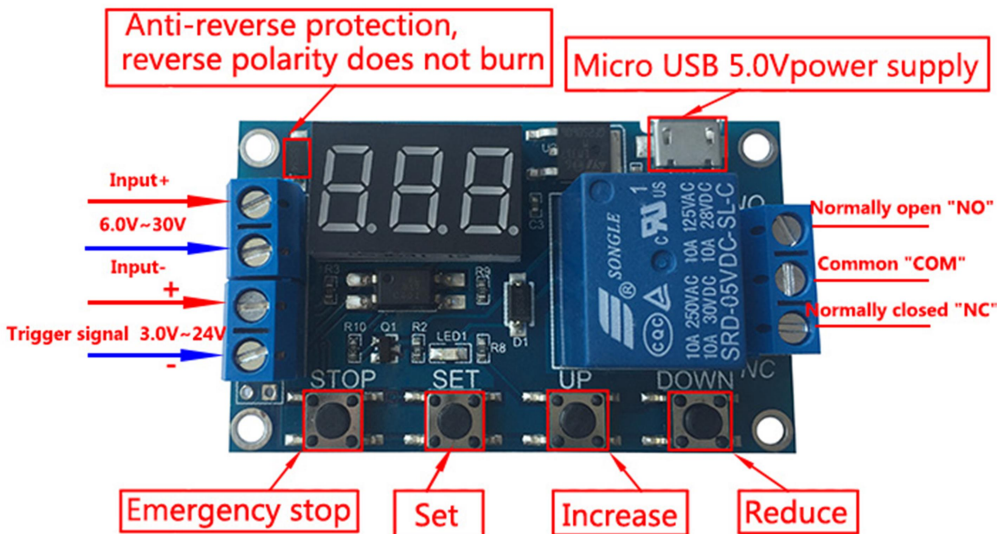
1 Way Digital Display Timer Relay Module

Model: XY-J02

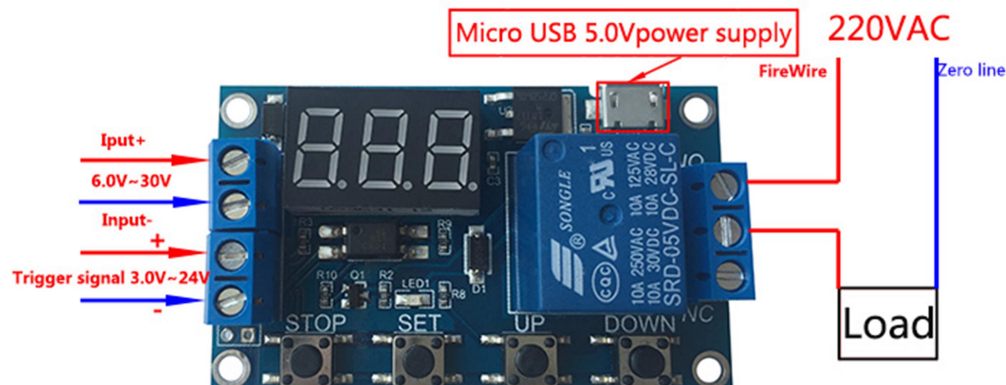
User Manual



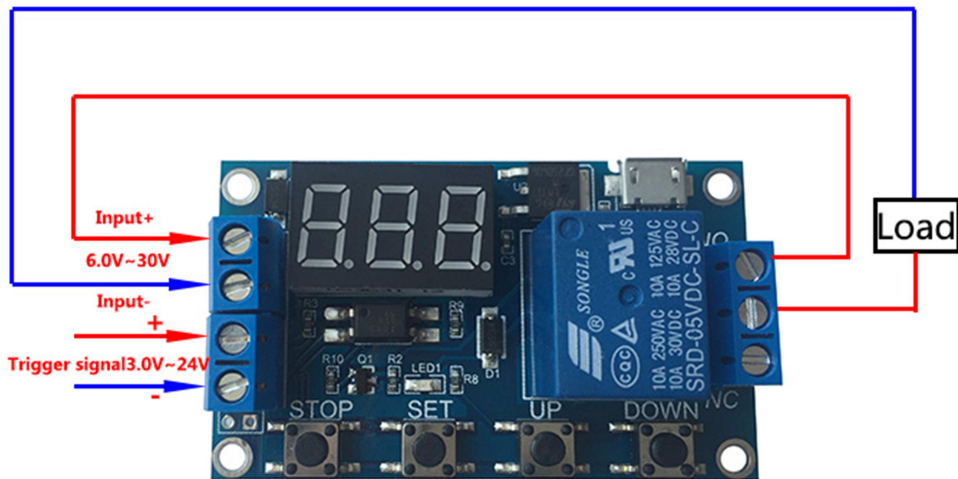
Physical Structure:



Weak Current Control Strong Power Diagram:



Sharing One Power Supply Wiring Diagram:



Operating Mode:

P1: trigger signal, the relay is on "OP" time, and then disconnect; in the "OP" time, as follows:

P1.1: signal is triggered again, invalid;

P1.2: signal is triggered again, clock is reset;

P1.3: signal triggered again, relay off, stop the clock;

P2: trigger signal, the relay off "CL" of time, the relay on "OP" time, and then disconnect relay;

P3.1: Give the trigger signal, after the relay turns on the OP time, the relay turns off the CL time, then loops the above action, the signal is given again in the cycle, the relay is disconnected, the timing is stopped; the number of cycles (LOP) can be set;

P3.2: No trigger signal is required after power-on, the relay turns on OP time, the relay turns off CL time, and the above action is cycled; the number of cycles (LOP) can be set;

P4: Signal hold function. If there is a trigger signal, the timing is cleared, the relay remains on; when the signal disappears, the relay is turned off after timing the OP; during the timing, there is a signal and the timing is cleared.

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, press the STOP button to select the timing range;

XXX. The decimal point is in one place, the time range is: 1 second ~ 999 seconds

XX.X Decimal point in ten, timing range: 0.1 seconds to 99.9 seconds

XXX Decimal point is fully illuminated, timing range: 1 minute ~ 999 minutes

For example, if you want to set the OP to 3.2 seconds, move the decimal point to ten digits, and the digital tube displays 03.2.

Parameter description: **OP** on time, **CL** off time, **LOP** cycle number (1 - 999 times, " --- " stands for infinite loop)

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, the user wants to switch to P1.2 mode, then enter P1.2 to set the corresponding parameters, **OP** It will be 5 seconds;

Pressing the **SET** button on the main interface (displaying 000) 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 **SET** button will only display **OP** and corresponding time;

If **OP**, **CL**, **LOP** (such as mode P3.1, P3.2) in the mode, short press **SET** 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 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), then enter the main interface,) "press and hold the **SET** button for 2 seconds and then release." Enter the mode selection interface, select the mode to be set (P1.1~P-4) by short pressing the **UP** and **DOWN** buttons;

3. After selecting the mode to be set (for example, P3.2), press the **SET** button to set the corresponding parameter. At this time, the parameter to be set will flash (**OP** on time, **CL** off time, **LOP** cycle number (" -- - " Represents an infinite loop"), adjust the parameter value through **UP** and **DOWN**, support long press (rapid increase or decrease) and short press (increase or decrease 1 unit); after setting the parameter value, press **STOP** button shortly To select the decimal point position, select the timing range (corresponding time 0.1 seconds ~ 999 minutes); short press the **SET** button 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 to release, the currently set mode will flash, then return to the main interface, setting the parameters successfully, very simple!

Main interface: "000" (no decimal point) is displayed when the relay is not working. The relay has a decimal point in working condition, which is very clear!

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