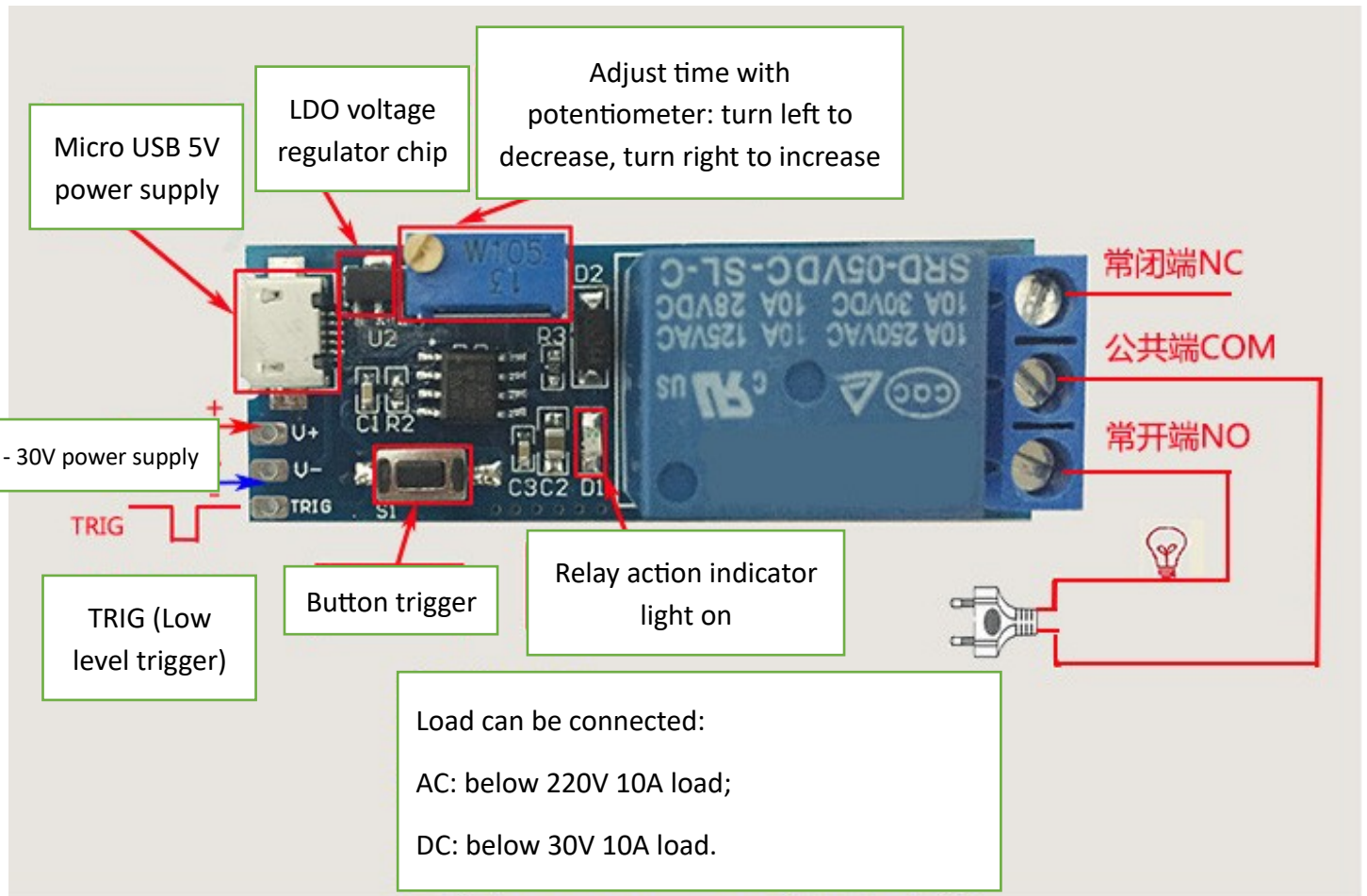


Wide voltage 5V-30V trigger delay relay module timer module delay conduction delay switch

P/N: 250587



product description:

Wide voltage 5V-30V trigger delay relay module Timer module Delay on time Delay switch Button

Module highlights:

The time can be adjusted with a potentiometer for most of your occasions.

With MicroUSB 5.0V power input, it is very convenient to use.

5--30V extra wide supply voltage.

Two trigger modes: external trigger and on-board button.

With relay pull-in indicator.

Strong anti-interference ability, the relay will not malfunction under various interferences, suitable for industrial control.

Module characteristics:

1. Working voltage: any voltage between 5-30V wide voltage, MicroUSB and soldering terminal
2. Working mode: After powering the module, the state of the module output is: normally open (NO) disconnected from the common terminal (COM), normally closed (NC) and the common terminal (COM) are turned on.

At the external contact end (TRIG), a low pulse signal is given, or when the trigger button is touched, the relay is sucked and the work indicator is bright. At this time, the state of the relay output is: normally open (NO) and the common end (COM) is turned on. Normally closed (NC) is disconnected from the common (COM). After 0-24 seconds (this time can be adjusted according to your needs), the relay is disconnected after the clock, and the relay returns to the state before the trigger.

3. The time can be adjusted by the potentiometer, the default is 0-24 seconds. If you need more time, you can replace the larger capacitor (C2) or potentiometer. Delay time formula: $T = 1.1 RC$. For example, the capacitance 22uf resistance 1M is $T = 1.1 * 0.000022 * 1000000 = 24.2$ seconds.

4. With relay pull-in indicator.

5. The module can be controlled: 10A 250VAC (AC), 10A 30VDC (DC) or less.

6. With relay freewheeling protection.

7. The signal terminal of the module is designed with pull-up and filter circuit, which has strong anti-interference ability and is suitable for industrial control. Many manufacturers have added optocouplers for isolation, but the module is not isolated from the ground of the trigger signal, and it does not have anti-interference effects. After the test, it is found that the stability of the trigger end can be improved to resist the interference. The module will not malfunction due to the electromagnetic interference environment or the moment when the module is powered off.

8. Size: 5.4*1.9*1.8cm (length * width * height)

9. Weight: 16g

Applications:

1. Anti-theft alarm delay, building sound and light control light switch.
2. The delay of the on-board equipment is turned on to prevent the current from being too large to burn the vehicle equipment when the vehicle is on fire.
3. It is necessary to have a sequence to start, to prevent multiple devices from simultaneously starting the current and burning the appliance too much.

