Manual

Features:

Description of the normally open trigger function: Before the module is triggered, the circuit of the trigger terminal is in an open state. If there is an instantaneous switch closure or continuous closing, the module delay can be triggered.
1. The module is connected to 12V DC power supply, waiting for the trigger end to have a switch closure trigger signal.
2. When the triggering end of the module senses that there is a switch closing trigger, the module will move the delay function, and the relay will pick up, the delay ends, and the relay is disconnected;
3. When the module is triggered to delay, if there is a trigger signal received again, the module will re-time, automatically touch the last time until the delay ends.

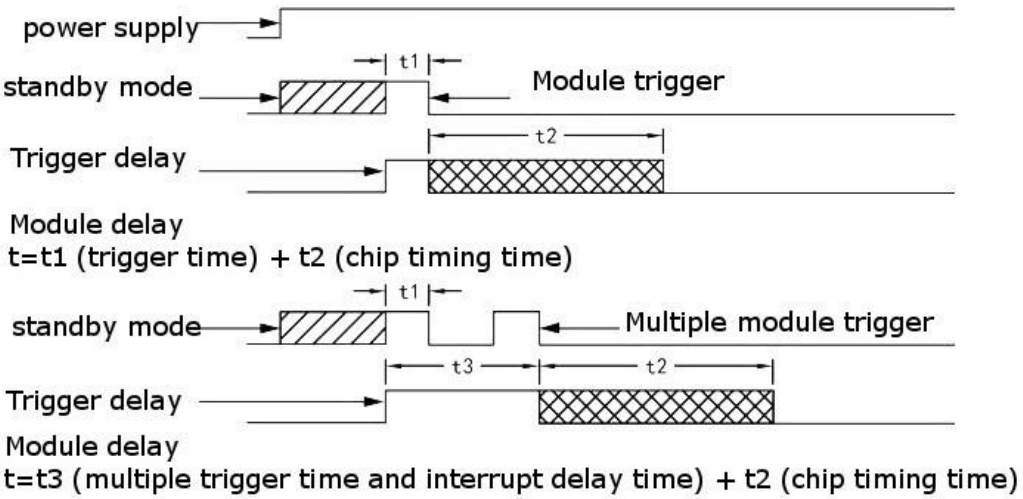
The trigger can support the following sensor trigger delays:

Tact switch
Micro Switch
Self reset switch
Normally open shock sensor
Normally open reed switch
Normally open door magnetic sensor
Tilt sensor switch
Water level switch

Electrical parameters:

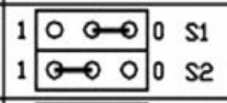
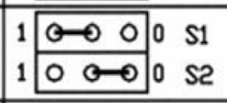
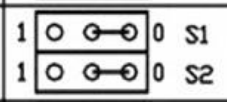
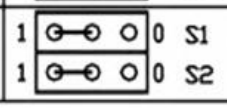
Supply voltage: 12VDC
Quiescent current: 4.8mA Maximum power consumption: 70mA Trigger end time More than lms is enough
Relay load capacity: 250V10A AC 30V 10A DC (300W ideal power DC) (the actual application of the best power halving, is conducive to extending product life)
Relay life: 100,000 times (maximum power)

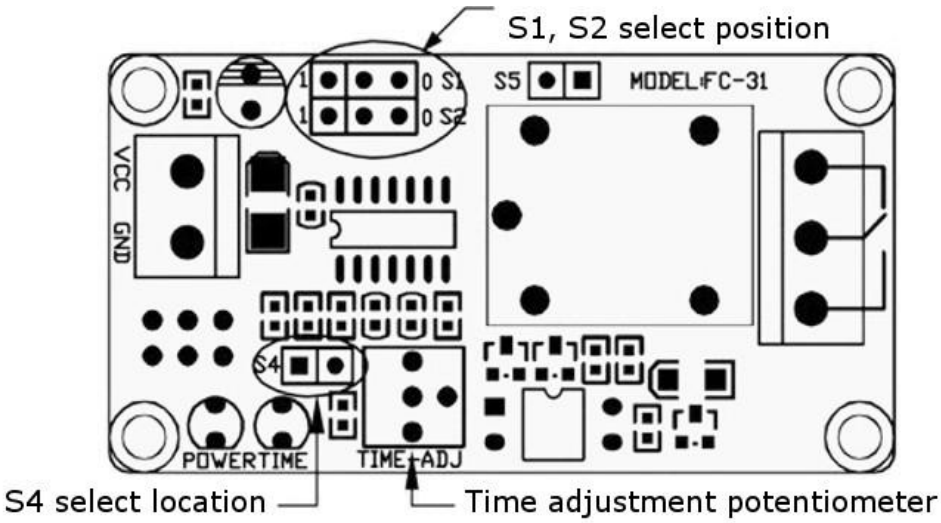
Input voltage	Static power	Maximum power consumption
5V	4.8mA	70mA
9V	9.4mA	48mA
12V	13mA	48mA

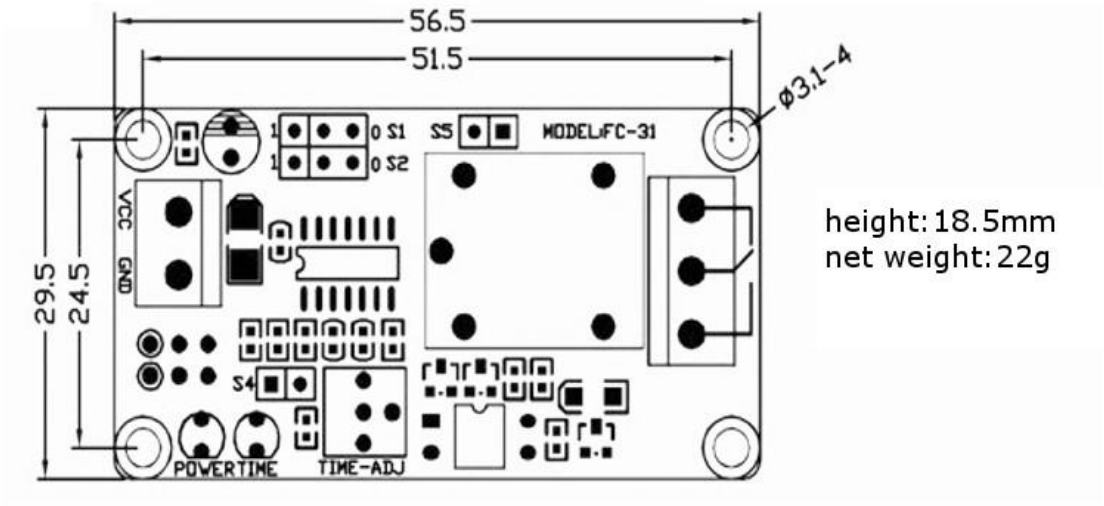


How to choose the delay time range:

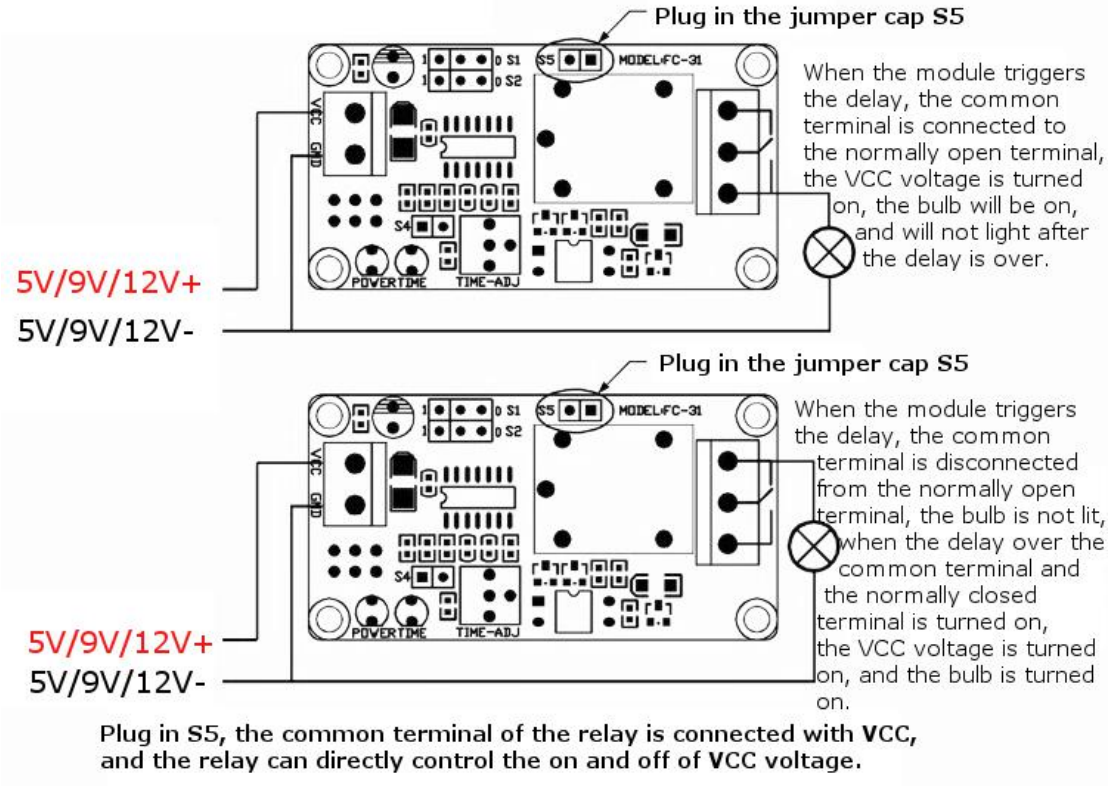
Switch S1.S2.S4 to different positions to select different time ranges, and the potentiometer adjusts the time within the corresponding range.

S1	S2	Disconnect S4	Connect S4	
0	1	0. 13S-1. 3S	1. 5S-14. 5S	
1	0	0. 5S-5. 2S	6S-58S	
0	0	4. 4S-42S	48S-463S	
1	1	38S-340S	389S-3700S	

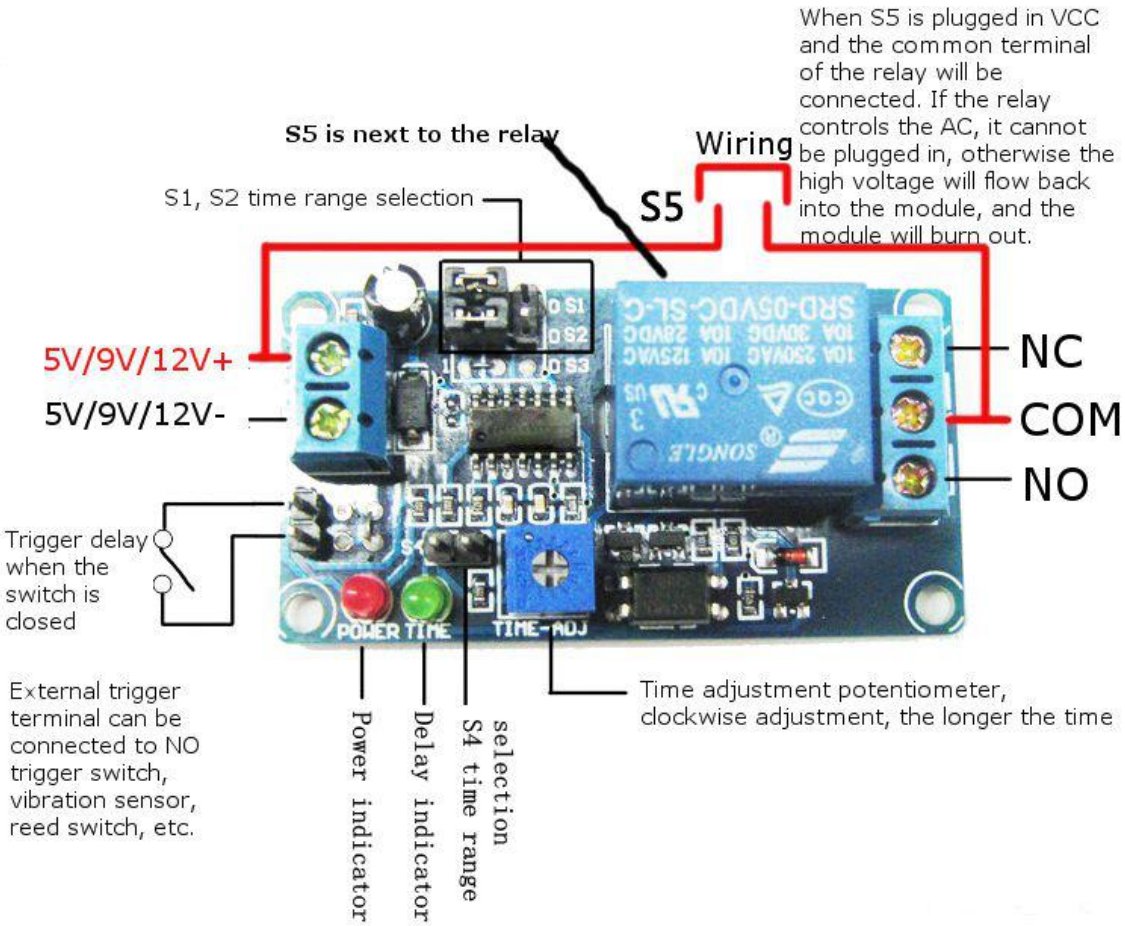




Delay module control VCC voltage wiring method



Plug in S5, the common terminal of the relay is connected with VCC, and the relay can directly control the on and off of VCC voltage.


When S5 is plugged in VCC and the common terminal of the relay will be connected. If the relay controls the AC, it cannot be plugged in, otherwise the high voltage will flow back into the module, and the module will burn out.
S5 is next to the relay
Wiring
S1, S2 time range selection
S5
5V/9V/12V+
5V/9V/12V-
NC
COM
NO
Trigger delay when the switch is closed
External trigger terminal can be connected to NO trigger switch, vibration sensor, reed switch, etc.
POWER
TIME
TIME-ADJ
Power indicator
Delay indicator
S4 time range selection
Time adjustment potentiometer, clockwise adjustment, the longer the time