

Timer Switch Controller Board 10S-24H Adjustable Delay Relay Module

Features:

- Power-on automatic reset
- Module operating current is less than 1mA
- Wide voltage input: current 3.3V-28V
- The delay time adjustment range is about 10 seconds - 24 hours
- Current output to voltage ratio parameter table
- Size without pin: 18mm×18mm×7mm.
- Pin spacing: 2.54mm.

Functions:

1. Can directly drive 3V relays, 5V relays, 12V relays, LED lights, etc.
2. You can select low input, high input, low output, high output and other usage modes through the short-circuit point
3. Timing accuracy is higher than ordinary 555 timing, analog timing and other analog circuits
4. Fully high-precision placement machine processing, to achieve high-level straight process, to ensure high quality
5. Simple operation and easy to use; indicate that this product does not have the function of cycle timing
6. This module is not only small in size, but also has a large timing time range, and it is easy to operate when selecting the time to use, and it is not necessary to consume a lot of time in the process of adjusting the time.
7. When the power-on does not trigger the work, you can arbitrarily adjust the DIP switch to select the time

Drive voltage	Drive Current
3V	300 mA
5V	200 mA
9V	100 mA
12V	80 mA

Instructions for use

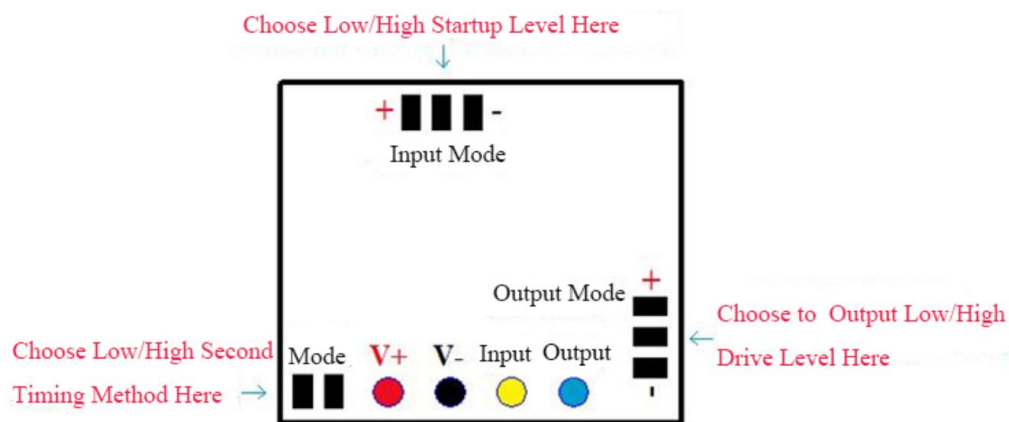
Set Timer:

1. NOT short M Pads on PCB(0:Switch OFF;1 Switch ON):

00000:10 seconds	01000:4 minutes	10000:14 minutes	11000:30 minutes
00001:20 seconds	01001:5 minutes	10001:16 minutes	11001:35 minutes
00010:30 seconds	01010:6 minutes	10010:18 minutes	11010:40 minutes
00011:60 seconds	01011:7 minutes	10011:20 minutes	11011:45 minutes
00100:90 seconds	01100:8 minutes	10100:22 minutes	11100:50 minutes
00101:120 seconds	01101:9 minutes	10101:24 minutes	11101:55 minutes
00110:150 seconds	01110:10 minutes	10110:26 minutes	11110:60 minutes
00111:180 seconds	01111:12 minutes	10111:28 minutes	11111:75 minutes

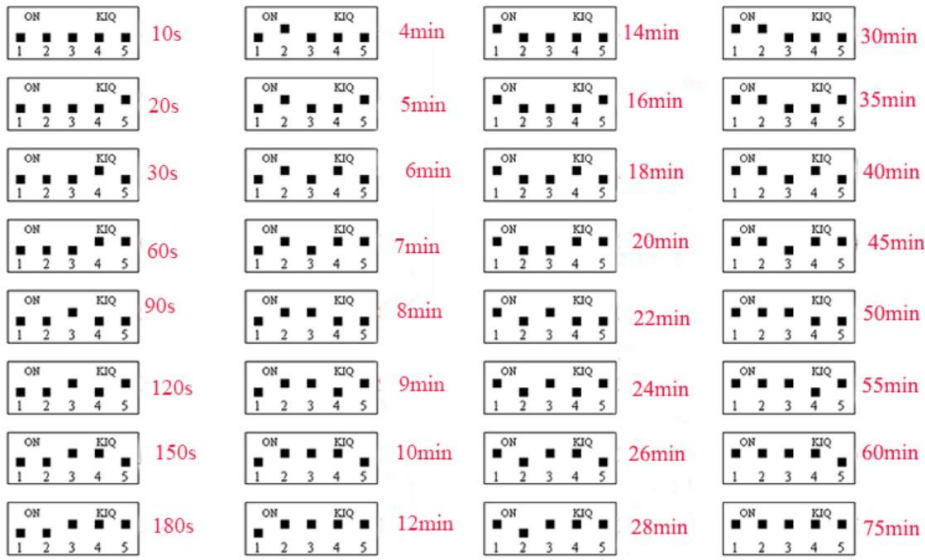
2. Short M Pads on PCB(0:Switch OFF;1 Switch ON):

00000:1.5 hours	01000:5.5 hours	10000:9.5 hours	11000:17 hours
00001:2.0 hours	01001:6.0 hours	10001:10 hours	11001:18 hours
00010:2.5 hours	01010:6.5 hours	10010:11 hours	11010:19 hours
00011:3.0 hours	01011:7.0 hours	10011:12 hours	11011:20 hours
00100:3.5 hours	01100:7.5 hours	10100:13 hours	11100:21 hours
00101:4.0 hours	01101:8.0 hours	10101:14 hours	11101:22 hours
00110:4.5 hours	01110:8.5 hours	10110:15 hours	11110:23 hours
00111:5.0 hours	01111:9.0 hours	10111:16 hours	11111:24 hours

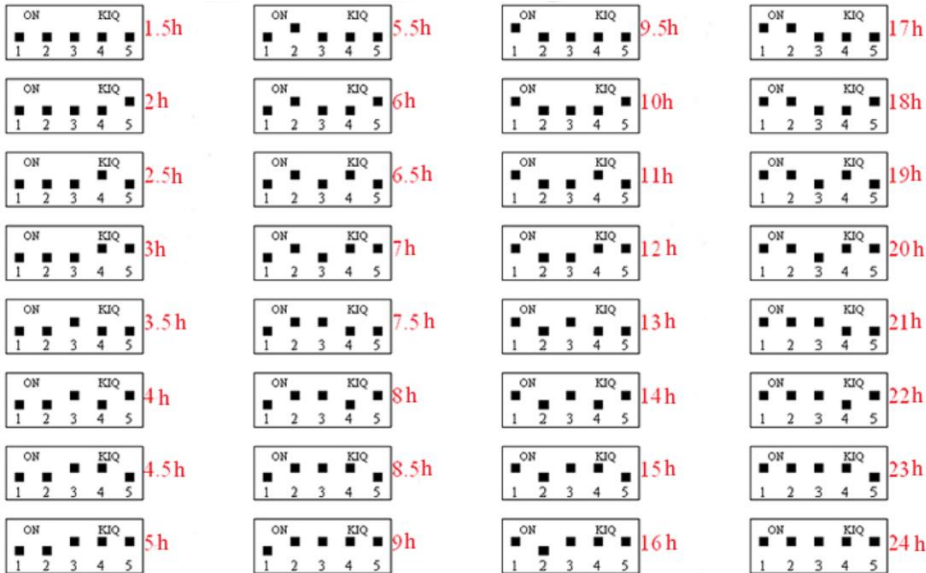


Timing time selection method

Low second time timing selection method: (Note: the onboard M point is disconnected)

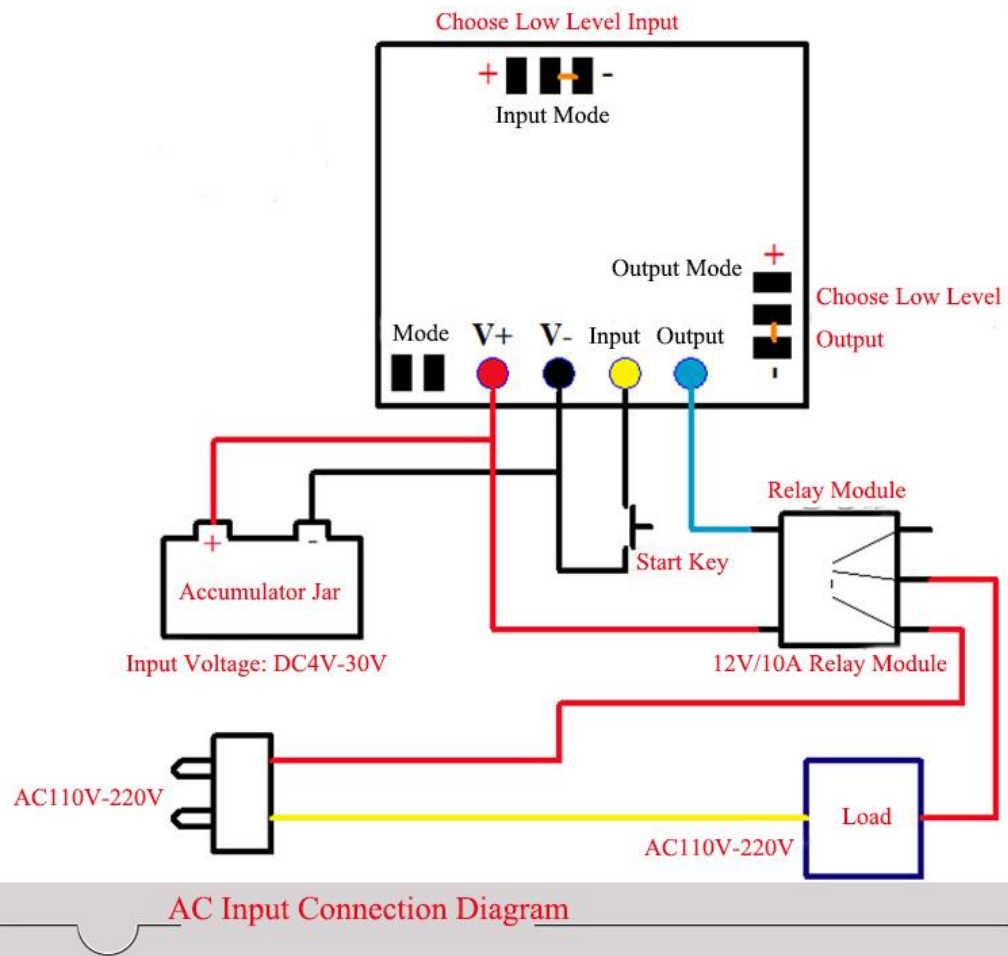
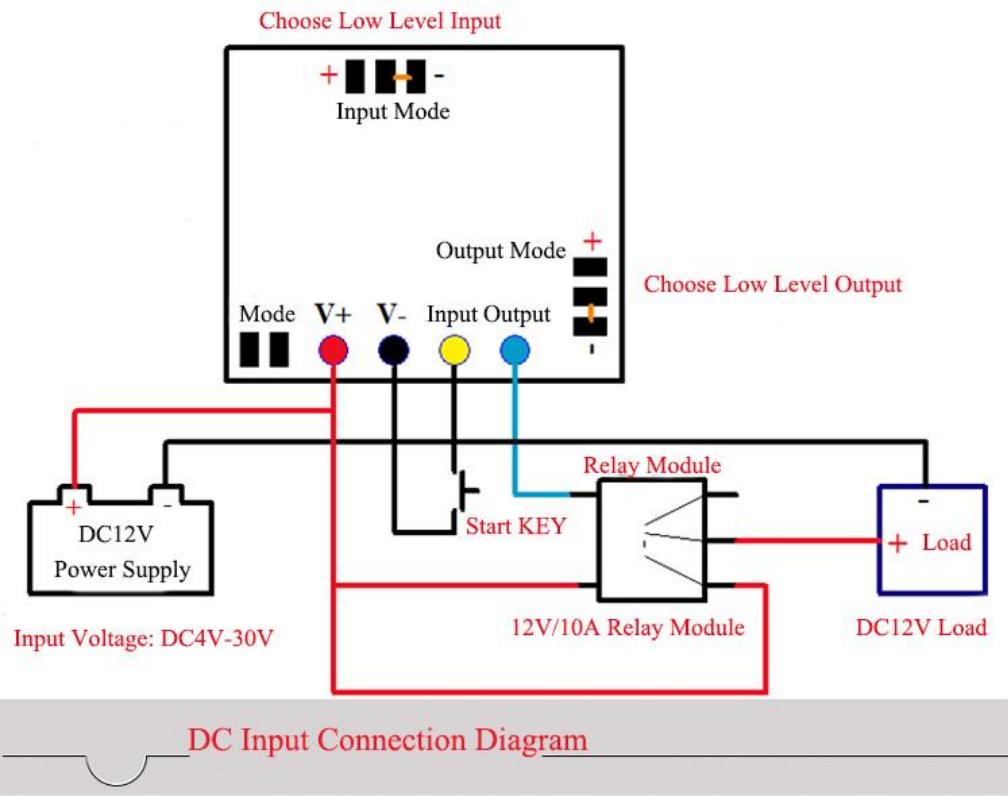


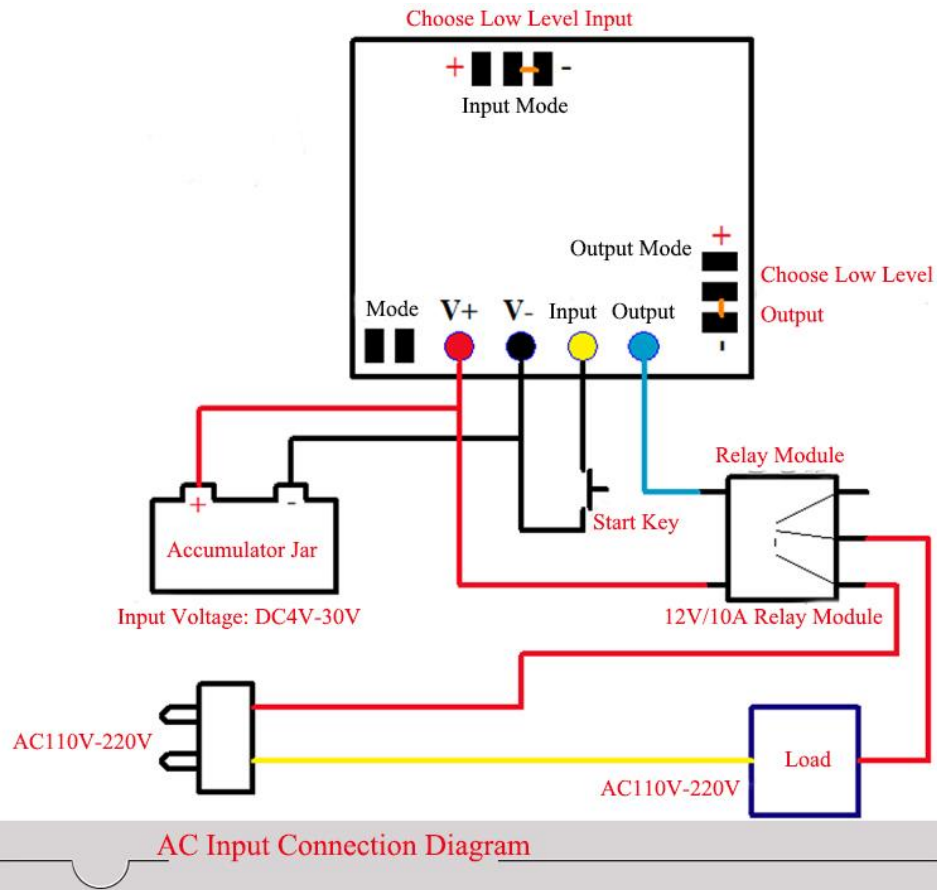
High-second time timing selection method: (Note: the onboard M point is short-circuited)



Precautions

1. The above parameters and data are all tested under 5V voltage, and the parameters of different voltages vary slightly
2. This module is not high-precision timing, please choose to use
3. The signal input pin is a short trigger signal
4. Please pay attention to the power connection direction when preparing to use
5. Please add a current limiting resistor when using LED lights in the periphery (otherwise it will burn the lights)





Module Test:

