

35236-MP

Adjustable Timing Module

Adjustable, triggered timing module based on the 555IC. Momentary ground (Low) to trigger input starts timing cycle by energizing relay for the set time then the relay releases.

NOTE: Power:

6.5-30 VDC on Solder Pad Inputs

5V Only on the USB input

Onboard Regulator will require a heat sink for >12V

Current: <60mA Relay energized/10mA De-energized

Range: ~0-24sec,

Trigger Voltage: **0-5VDC Only**

Relay: SPDT

Contacts: 10A 125/250VAC/30VDC

Terminal Strip for Relay Contacts

Solder Holes for Power (5-30C) and Trigger Input (0.1Pitch)

USB Micro B for 5V only Power.

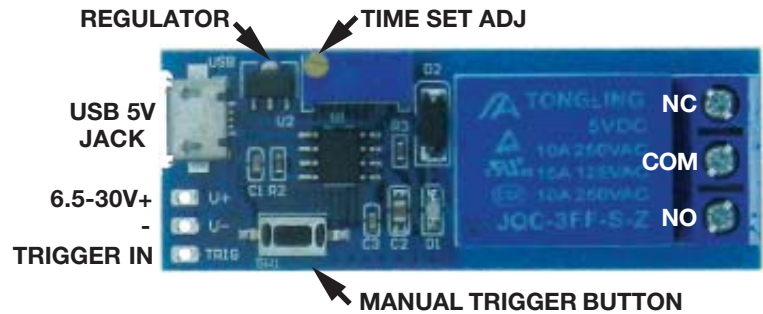
L: 2-1/8" **W:** 13/16" **H:** 3/4" **WT:** .04

OPERATION:

1. Powering ON: Relay is De-energized:
2. When the external trigger terminal receives a momentary low pulse signal, or the onboard trigger button is momentarily pressed: the relay becomes energized and the indicator LED is on.
After the Set time expires, the relay will turn Off.

Note that this circuit is triggered by the falling edge of the input (low level/Gnd). Timing starts upon trigger. The input should only be a pulse and should immediately return to high level and not remain low. When it is held low, the relay will remain energized depending on Time setting.

For example: If your delay time is set at 10 seconds, and the Button/Trigger Input is held for 4 seconds and then released, a 6 second delay will be realized after trigger removed. But if the input is low for more than 10 seconds (Set Time), the Relay will remain energized and will immediately de-energize upon removal of Trigger Input Low or the Button release.



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