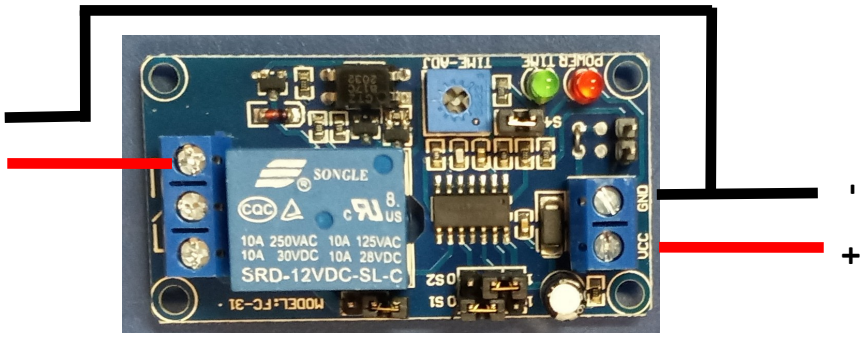
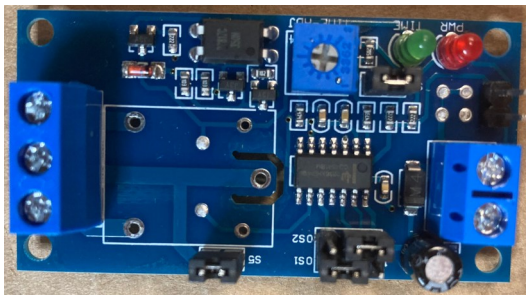
Timer Wiring Choices

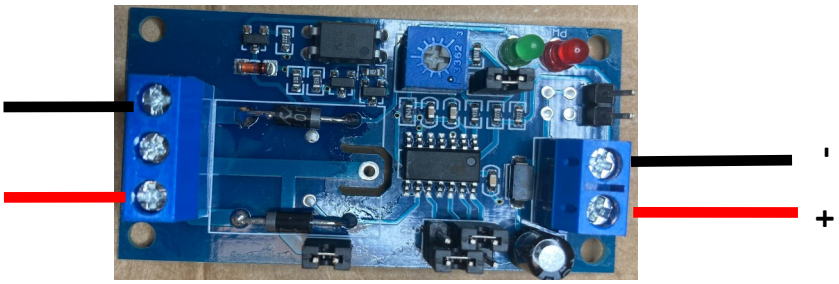


This is the original Timer purchased as of today and it looks the same.

This timer is wired to activate a 12 Volt DC Relay by activating the timer's attached relay. The timer/relay is a one circuit relay as purchased and can use the same power source to use the attached relay.



This timer is shown with the Relay removed. I have used these timers after removing the relays mostly because some of the attached relays have failed. The timers seem to work



This timer is shown with two diodes replacing the relay.

After I removed the attached telay I then soldered in two diodes across the solder points of the relay. This allows me to wire directly through the timer to activate another relay.
When the timer is activated.

Time Settings for the timers

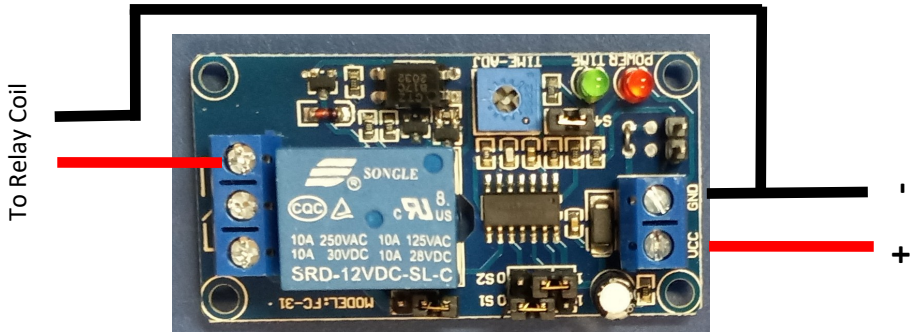
12 Volt DC Power supplies both the timer and the item timed to work with an internal connection.

S1 S2 — 1 Second to 15 Seconds

S1 S2 — 1 Second to 60 Seconds

S1 S2 — 1 Minute to 8 Minutes

S1 S2 — 6 Minutes to 60 Minutes



S5 leave attached to run the relay From the timer power 12 V DC

S1 = Switch 1
S2 = Switch 2
NC = Normally Closed
NO = Normally Open
+ = Positive DC
- = Negative DC
Activation Wire Pin +
-

PDF-12 Volt Timer diagram