

# Timer-3

Display Timer - Push Button operated      Item #507

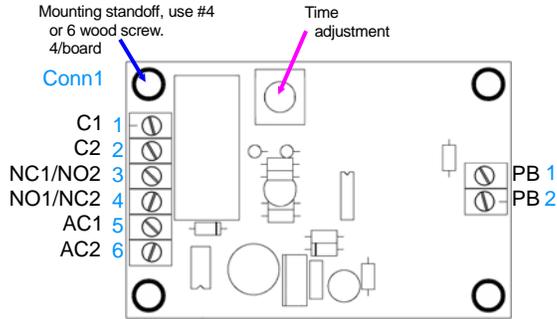


Fig 1: Timer-3 Basic Connections

AC1 / AC2.....fixed AC from power pack of 14 - 20 volts AC or 15 - 22 volts DC.

relay connections:

C1, C2.....Common 1 / Common 2

NC1.....Normally Closed for C1, Normally Open for C2

NO1.....Normally Open for C1, Normally Closed for C2

PB1, PB2 .....Push Button Switch wires

install wires by stripping insulation back 3/16", place wire in hole, run screw down to clamp in position.



246 W. Main St.  
Leola, PA 17540  
(717) 661-7041  
www.dallee.com

The Timer-3 consists of a relay switch contact that can turn items On and Off or Off and On for a set time interval or reverse the polarity of a device for a period of time which is activated by a push button switch. This is especially usable with train operation as well as animating figures, lights and other items. It can also be used to turn the momentum board, MO-1, item #567, on and off.

Time is variable from approximately 30 seconds to 3½ minutes. The activation time is set by the potentiometer and is started by pushing a momentary switch. Time starts after the switch contact is released and upon first powering up the Timer-3. Different time intervals are available upon special order.

Those who are familiar with schematic / wiring diagrams for basic relay contact connections should refer to Fig 1. For those who are not, Fig 2 should assist in wiring a simple on/off function.

To automate the DC reversal of power, merely place the input power into C1 and C2. Place the wires from NO1 and NC2 to the device that power reversal is desired. A DC type switch motor could be utilized to create up/down or sideways motion.

Remember, the fixed power is to operate the board and has nothing to do with the power to the items you want to control.

Relay rated for 5 amp's of current.

Fig 1: Relay Connections

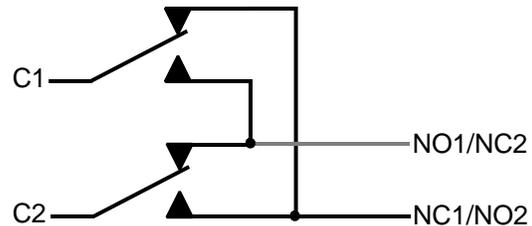
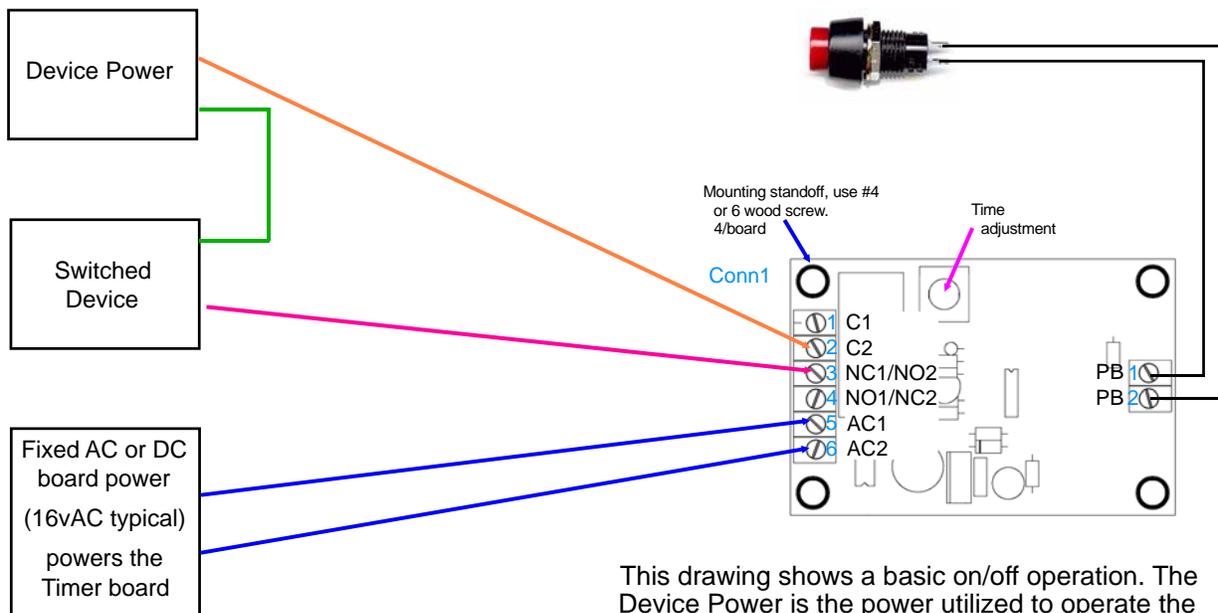


Fig 2: On / Off Operation



Item #690 - 16vAC power transformer

Optional push button switch, Item #618. Any momentary push button switch may be used. This one is extremely durable since the plunger can be fully depressed without damage to the electrical contacts.

This drawing shows a basic on/off operation. The Device Power is the power utilized to operate the Switched Device. Since the relay is first energized when power is applied, the switched device will power up as well. If the opposite is desired, then merely move the wire from connection 3 to connection 4.