

MTOD15 SOLID STATE TIMER MODULE

Off Delay Timer (Retriggerable)

Operating Logic

The MTOD15 timer module provides a variable time delay to switch a load off. A 24VAC input voltage is constantly supplied to the timer. Upon activating a normally open momentary contact connected to the start terminal the load is energized. A normally open momentary contact switch connected to the stop terminal can de-energize the load at any time during the timing cycle. If a normally open contact connected to the run terminal is closed after the load is energized the load will continue to be energized indefinitely until this contact is opened. At that point the timer will begin the timing cycle and de-energize the load at the end of this cycle. If the contact connected to the run terminal is closed before the timing period expires and the load is de-energized, the time period will reset to the beginning. To prevent false starts the run terminal contact must be open before the start contact is closed.

Time Delay Settings

The MTOD15 timer provides easy to use rocker switches to adjust the delay time settings. The rocker switches are numbered 1 to 4 and are additive in their function.

Switch #1 = 1 minute

Switch #2 = 2 minutes

Switch #3 = 4 minutes

Switch #4 = 8 minutes

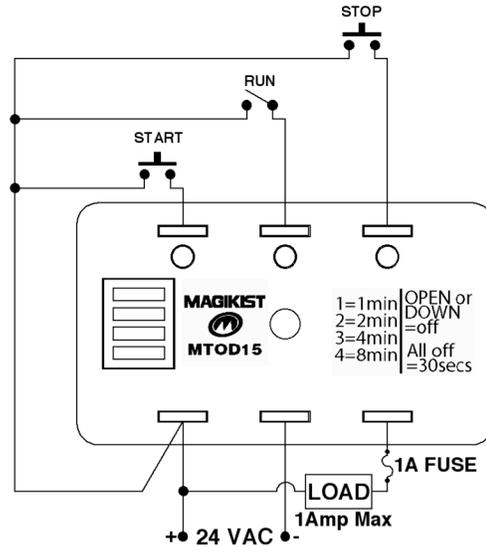
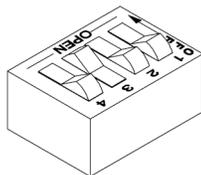
All switches off (open) = 30 seconds

All switches on (1+2+4+8) = 15 min.

OPEN = OFF

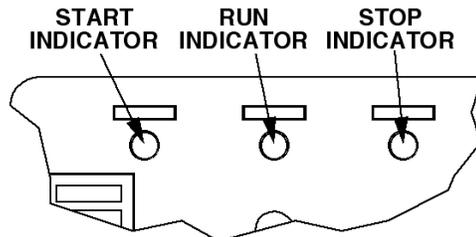
Example 1: Switch #1 & Switch#3 "ON"(4+1)=5 minutes

Example 2: Switch #3 & Switch #4"ON"(4+8)=12 minutes



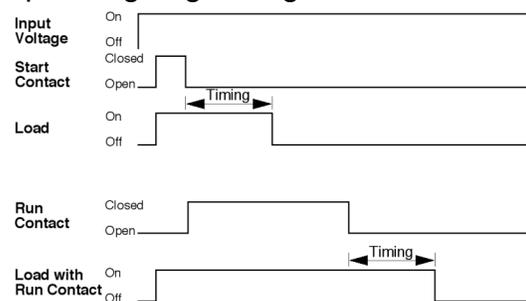
Wiring Connections

LED Indicators Function



STOP indicator illuminated = STOP contact closed
 RUN indicator illuminated = RUN contact closed
 START indicator illuminated = START contact closed

Operating Logic Diagram



Specifications

Power Requirement: 24VAC 60HZ 1A

Output: Solid State Triac 1Amp Max.

Timing Adjustment: 4 miniature rocker switches providing 15 different time settings in 1 minute increments plus 30 second delay setting.

Output Protection: None (Must be externally fused)

Connections and Mounting: Terminals-.25"x.032" male fast-on. Mounting - Center hole for #8 Screw

Dimensions

