



PRODUCT CODE #0665

## SIMPLE PROP TIMER

### OVERVIEW

The Simple Prop Timer is suitable for many functions that require a timed operation. Some optional functions include: One Shot, Delayed Release, Delayed Operate, Delayed Pulse and Pulsar/Flasher. A new feature has been added which provides momentary relay activation at the end of a desired timing cycle. This feature eliminates the need for having to use two timers to achieve this function. Another new feature will cancel (interrupt) timing cycle and reset timer if desired.

### SPECIFICATIONS

- 12VDC or 24VDC operation is selectable (Dip Switch 3)
- Quick and extremely accurate time range adjustment from 1 sec. to 60 min.
- LED indicates relay is energized
- Relay contacts are 8 amp at 120VAC/28VDC
- Triggers via positive DC (+) voltage, dry contact closure, or removal of contact closure
- Selectable relay activation at the start or end of the timing cycle
- One second momentary relay activation at the end of the timing cycle
- Repeat (pulsar/flasher) mode

### INSTALLATION INSTRUCTIONS

1. Mount timer in desired location/enclosure
2. Set proper DC Input Voltage Dip Switch 3; 12VDC ON, 24VDC OFF.
3. Refer to Dip Switch Selection and Jumper Selection Tables for desired functions (e.g.: Timing, Trigger, Pulse)
4. Refer to wiring connection diagrams for wiring examples...

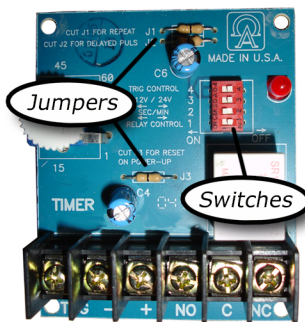
### Dip Switch Selection Table

Dip #	Off	On
1	Relay energizes at start of timing cycle * [DEFAULT]	Relay energizes at the end of timing cycle *
2	1-60 minutes timing range (adjust white dial)	1-60 seconds timing range (adjust white dial) [DEFAULT]
3	24VDC operating voltage	12VDC operating voltage [DEFAULT]
4	Timing begins immediately upon trigger input [DEFAULT]	Timing starts after removal of trigger input

\* When relay energizes (LED is on) [N.O. & C] switch from open to close and [N.C. & C] switch from close to open.

### Jumper Selection Table

Number	Function/Description
J1	Cutting J1 selects the pulse/flasher mode. Relay will flip ON and OFF continuously in equally set timed intervals when timer is powered up.
J2	Cutting J2 puts timer in delayed output mode. Relay will pulse for 1 second at the end of the timing cycle. Dip switch 1 must be ON for this function.
J3	Timer will go through an initial timing cycle when first powered up unless J3 is cut. If J3 is cut, timing can only be initiated via TRG terminal.



### Terminal Identification

Terminal Legend	Function/Description
TRG	Applying a positive voltage will activate timing cycle. Trigger voltage range: 7-12VDC at 12 volt setting, 15-24VDC at 24 volt setting.
-, +	Connect 12 or 24VDC filtered and regulated voltage. Refer to Dip Switch Selection Table for voltage setting.
N.O., C, N.C.	Relay contacts are rated 8 amp at 120VAC/28VDC.

