Model 6062 programmable timer is suitable for many functions that require a timed operation e.g. Access Control Applications, Siren/Bell Cut Off Module, Dialer Delay, Guard Tour Supervisory Timer, etc. Some optional functions include: One Shot, Delayed Release, Delayed Operate, Delayed Pulse and Pulser/Flasher. A new feature has been added which provides a momentary relay activation at the end of a desired timing cycle. This feature eliminates the need for having to use two (2) timers to achieve this function.

**Specifications:**

- 12VDC or 24VDC operation is selectable.
- Quick and extremely accurate time range adjustment from 1 sec. to 60 min.
- LED indicates relay is energized.
- Form “C” relay contacts are 8 amp at 120VAC/28VDC.
- Current Draw: Stand-by 3mA, Relay Energized 40mA.
- 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 (1) second momentary relay activation at the end of the timing cycle (eliminates the need to use two (2) timers for this function).
- Built-in reset feature which cancels timing cycle.
- Repeat (pulser/flasher) mode.
- Snap Track compatible (order Altronix model #ST3)
- DIN Rail Mount version available (order Altronix model #DTMR1).

**Installation Instructions:**

1. Mount 6062 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. Measure DC input voltage before powering device to ensure proper operation.
5. Refer to **Terminal Identification Table** and **Typical Applications fig. 1 thru fig. 8.** for desired wiring connections.
   - **Note:** When triggering via a N.O. (normally open), momentary or maintained trigger, connect the dry contact trigger to Pos (+) and TRG terminals. When triggering via a N.C. (normally closed), momentary or maintained trigger, connect the trigger to Neg. (-) and TRG terminals and install a resistor [for 12VDC - 2K (2,000 ohm) or for 24VDC - 4.7K (4,700 ohm)] between the Pos (+) and TRG terminals (Fig. 8).
6. Enable the reset features:
   - Cut J3 when power is removed the timer will reset and not re-trigger when power is restored unless a new trigger is applied.
   - **Note:** The closed trigger and delayed pulse options will not operate if the reset feature is desired.

<table>
<thead>
<tr>
<th>Dip #</th>
<th>Off</th>
<th>On</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Relay energizes at the start of timing cycle.*</td>
<td>Relay energizes at the end of timing cycle.*</td>
</tr>
<tr>
<td>2</td>
<td>1-60 Minutes timing range (trimpot adjustable).</td>
<td>1-60 Seconds timing range (trimpot adjustable).</td>
</tr>
<tr>
<td>3</td>
<td>24VDC operating voltage.</td>
<td>12VDC operating voltage.</td>
</tr>
<tr>
<td>4</td>
<td>Timing begins immediately upon trigger input.</td>
<td>Timing starts after removal of trigger input.</td>
</tr>
</tbody>
</table>

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

**Dip Switch Selection Table:**

<table>
<thead>
<tr>
<th>Jumper Selection Table:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number</td>
</tr>
<tr>
<td>J1</td>
</tr>
<tr>
<td>J2</td>
</tr>
<tr>
<td>J3</td>
</tr>
</tbody>
</table>

**Terminal Identification:**

<table>
<thead>
<tr>
<th>Terminal Legend</th>
<th>Function/Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRG</td>
<td>Applying a positive voltage will activate timing cycle. Trigger voltage range: 7-12VDC at 12 volt setting, 15-24VDC at 24 volt setting.</td>
</tr>
<tr>
<td>---, +</td>
<td>Connect 12 or 24VDC filtered and regulated voltage. Refer to <strong>Dip Switch Selection Table</strong> for voltage setting.</td>
</tr>
<tr>
<td>N.O., C, N.C.</td>
<td>Dry form “C” relay contacts are rated 8 amp at 120VAC/28VDC.</td>
</tr>
</tbody>
</table>
**6062 Typical Applications:**

**Fig. 1 - Timed Door Annunciator:**

For this application Switch #1 and Switch #4 should be in the OFF position.

**Fig. 2 - Guard Tour Supervisory Timer:**

For this application Switch #1 and Switch #4 should be in the OFF position.

**Fig. 3 - Swinger Eliminator:**

For this application Switch #1 should be in the OFF position and Switch #4 should be in the ON position.

**Fig. 4 - Delay Timer: Use for Door Ajar Alarm, Delayed Activation of Digital Dialer, Defrost Cycle Timer, etc...**

For this application Switch #1 should be in the ON position and Switch #4 is not used in this application.

**Fig. 5 - Timed Door Strike:**

For this application Switch #1 should be in the OFF position and Switch #4 should be in the ON position.

**Fig. 6 - Timed Shunt for a Door: Use to bypass alarm contacts.**

For this application Switch #1 should be in the OFF position and Switch #4 should be in the ON position.

**Fig. 7 - Bell Cut Off Timer:**

For this application Switch #1 should be in the ON position and Switch #4 is not used in this application.

**Fig. 8 - Closed Circuit Trigger Option:**

For this application a resistor (for 12VDC - 2K (2,000 ohm) or for 24VDC - 4.7K (4,700 ohm)) must be installed as shown (resistor not supplied).