EI600 Series
Digital In-Wall Timers

The EI600 Series Electronic Decorator Astronomic Time Switches are easy-to-program timers that provide up to 40 events per week.

Features
• Easy to program for 24-Hour or 7-Day load control
• Auto Daylight Saving Time adjustment (factory enabled)
• CFL/LED compatible
• Astronomic feature provides sunset ON and sunrise OFF settings or combine Astronomic features with specific timed ON/OFF programming
• Low battery indicator
• Continuously displays time of day, mode and load status
• CR2 lithium battery provides a minimum of 2 years of time keeping without AC power
• Replaces single-pole or 3-way switches in a variety of applications
• Random setting feature available to avoid predictable time controlled look
• User program selections are stored in non-volatile memory
• Controls all voltage/frequencies with no adjustments required
• No neutral required
• Manual override feature

Not for use with sunlamps, saunas, or loads that could cause personal injury if timed incorrectly.

Ratings
Switch Type: Single-pole or 3-way (multi-way) compatible (up to 100 ft.)

Switch Ratings:
Resistive (heater): 20 Amp, 120-277 VAC
Tungsten (incandescent): 15 Amp, 120 VAC; 6 Amp, 208-277 VAC
Ballast (magnetic): 16 Amp, 120-277 VAC
Motor: 1HP, 120 VAC; 2 HP, 240 VAC
DC Loads: 4 Amp, 12 VDC;
2 Amp, 28 VDC
Style: For use with decorator type switch plates
Warranty: Limited 5 year
Dimensions: 2.75" H x 1.75" W x 1.36" D
Multi-gang Derating: Able to install in multigang installations without derating
EI600 Series

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Switch</th>
<th>Clock Voltage</th>
<th>Max Wattage</th>
<th>Neutral Required</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>EI600C</td>
<td>Single-Pole/3-Way</td>
<td>120-277 VAC; 12-28 VDC</td>
<td>1800/4155</td>
<td>No</td>
<td>Ivory</td>
</tr>
<tr>
<td>EI600WC</td>
<td>Single-Pole/3-Way</td>
<td>120-277 VAC; 12-28 VDC</td>
<td>1800/4155</td>
<td>No</td>
<td>White</td>
</tr>
<tr>
<td>EI600LAC</td>
<td>Single-Pole/3-Way</td>
<td>120-277 VAC; 12-28 VDC</td>
<td>1800/4155</td>
<td>No</td>
<td>Light Almond</td>
</tr>
</tbody>
</table>

**Specification**

The time switch shall be a solid state electronic control, capable of permitting 40 fixed time events to be distributed through a 7-day time period plus 1 Astro ON and 1 Astro OFF setpoint per day. The time-of-day events shall be programmable to the nearest minute with a minimum ON duration of 1 minute and a maximum ON duration of 6 days, 23 hours, 59 minutes. The timer shall have a digital LCD readout to show day-of-week and time-of-day using 12 hour AM/PM indicator. The time switch shall provide a manual override control for both temporary and permanent overrides. The time switch shall operate over a temperature range of 32°F (0°C) to 104°F (40°C). A lithium battery provides a minimum of 2 years of time keeping without AC power. User program selections are stored in the timer’s non-volatile memory. Switch configuration to be SPST with a CSA listed rating of: Resistive (heater): 20 Amp, 120-277 VAC; Tungsten (incandescent): 15 Amp, 120 VAC; 6 Amp, 208-277 VAC; Ballast (fluorescent): 16 Amp, 120-277 VAC; Motor: 1 HP, 120 VAC; 2 HP, 240 VAC; 4 Amp, 12 VDC; 2 Amp, 28 VDC. The timer must fit a standard wall box and accept a rectangular decorator wall plate. The timer contacts shall make or break current according to user adjustable program. The timer shall be Intermatic model ______ (Ivory-EI600C)(White-EI600WC)(Light Almond-EI600LAC).

**Diagrams**

**Diagram 1:** Typical Existing 2-Switch Setup

**Diagram 2:** 2-Switch Setup, Timer Install Re-Using Existing Remote 3-Way Switch

**Diagram 3:** 2-Switch Setup, Timer Install Using New Single-Pole Remote Switch