

## 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



Model Number	Switch	Clock Voltage	Max Wattage AC/DC	Neutral Required	Color
EI600C	Single-Pole/3-Way	120-277 VAC; 12-28 VDC	1800/4155	No	Ivory
EI600WC	Single-Pole/3-Way	120-277 VAC; 12-28 VDC	1800/4155	No	White
EI600LAC	Single-Pole/3-Way	120-277 VAC; 12-28 VDC	1800/4155	No	Light Almond

## 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

