

Electronic 7-Day Astro Time Switch



EI600 Series Decorator Electronic 7-Day Astro Time Switch

This easy to program timer provides up to 40 ON/OFF operations per week which can be used for 24-hour or 7-day load control. The astronomic feature provides sunset ON and sunrise OFF settings and the auto daylight savings adjustment means you can “set-it and forget-it”. The independent 7-day programming provides complete flexibility for applications where load switching differs each day of the week. Astronomic programming can be combined with independent programs to provide a sunset ON and timed OFF program. A factory supplied CR2 lithium battery provides up to three years of time keeping without AC power and user program selections are stored in non-volatile memory. A low battery indicator appears in the display when the battery requires replacement. In addition, the display continuously shows time of day, day of the week, timer load and the load status. The timer has an isolated single pole single throw switch which allows the timer to switch any load type, including PAR lamps and motor loads from 12 to 277 volts AC or 12 to 28 volts DC, within the specified ratings. A “3 wire” design allows the timer to replace, or be used as a single-pole or 3-way (multi-way) switch.

Specifications

Switch – Single-pole or 3-way (Multi-way) Compatible

Switch Rating –

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 H.P., 120 VAC; 2 H.P., 240 VAC; 4 Amp, DC Loads:12 VDC; 2 Amp, 28 VDC

Caution: Do not use for sunlamps, sauna, etc...

Events – 40 ON/OFF Events per week.

Colors – Available in White, Ivory, and Light Almond

Style – Decorator Styling.

Special Voltages and Cycles – 50 or 60 Hz.

Warranty – 5 Years

Engineering Specification

Electronic 7-Day astronomic Timer.

The timer switch shall be a solid state electronic control capable of permitting 40 ON/OFF set points to be distributed through a 7-day time period with 1 astro ON and 1 astro OFF set point per day. The time and set points 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 or permanent override.

Time switch shall operate over a temperature range of 32°F (0°C) to 104°F (40°C). A lithium battery provides up to three years of time keeping without AC power and user program selections are stored in a non-volatile memory. Switch configuration to be SPST with a UL 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 H.P., 120 VAC; 2 H.P., 240 VAC; 4 Amp, DC Loads: 12 VDC; 2 Amp, 28 VDC. The timer must be able to fit a standard wall box and accept a rectangular decorator wall plate. Timer contacts shall make or break current according to user adjustable program. Timer shall be Intermatic Model _____ (Ivory - EI600, White - EI600W, Light Almond - EI600LA)

Model#	Switch	Contact	Max Wattage	Color
EI600C	Single-Pole / 3-way	12 - 277 VAC; 12 - 28 VDC	1,800-4,155	Ivory
EI600WC	Single-Pole / 3-way	12 - 277 VAC; 12 - 28 VDC	1,800-4,155	White
EI600LAC	Single-Pole / 3-way	12 - 277 VAC; 12 - 28 VDC	1,800-4,155	Light Almond



Energy Code Tip:

Meet energy codes with a simple wall switch replacement. Manual ON assures lights are used only when needed. The sweep OFF makes sure lights are not left ON all night long with a switch that is set to turn OFF multiple times in the evening. Replace wall switch occupancy sensors to eliminate nuisance turn OFF.

