

**INTERMATIC®**  
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ENERGY CONTROLS • SURGE PROTECTION



## Electronic In-Wall Time Switch **EI Series**

Electronic Auto-OFF In-Wall  
Time Switch

24-Hour and 7-Day  
Electronic In-Wall  
Time Switch

PROFESSIONAL LIGHTING • WEATHERPROOF • POOL & SPA



# EI Series

Electronic In-Wall Time Switches

## Time Switches

Energy Controls

### PRODUCT FEATURES

- All models automatically switch loads with to-the-minute accuracy.
- EI200 Series and EI400 Series effectively replace multiple spring wound timer models, freeing up shelf space and providing more specification flexibility.
- EI600 Series and EJ500 Series provide astronomic programming (sunset ON and sunrise OFF settings) to eliminate the need for additional control devices.
- Astronomic programming can be combined with independent programs to provide sunset ON and timed OFF settings

### APPLICATIONS

- Schools
- Offices
- Airports
- Stores
- Hotels
- Restaurants
- Parks
- Apartments

### FOR CONTROLLING

- Indoor Lighting
- Outdoor Lighting
- Pumps & Fans
- HID Lighting
- Library Lights
- Classroom Lights
- Fluorescent Lighting
- PAR Lights
- Heaters
- Recreational Vehicles
- Air Conditioners
- Porch Lights
- Carriage Lights

### SPECIFICATIONS

**Switch:** Single-Pole or 3-Way (Multi-Way) Compatible


**Style:** Decorator styling, except EI15MH

**Variety of colors including:** White, Ivory, Almond and Light Almond

**Special Voltages and Cycles:** 50 or 60 Hz.

**Operating Ambient Temperature Range:** 32°F (0°C) to 104°F (40°C)

**Shipping Weight:** 0.5 lbs. (0.23 kg)

**Agency Approval:**  or 

**CEC Title 24 (on select models)**

### EI15MH – Electronic Auto-OFF Time Switch



#### EI15MH Series Switch Rating:

- 40-500 Watts, 120 VAC, 60 Hz.
- P-type magnetic ballast fluorescent
- Power Consumption 0.6 Watts
- No Neutral Required

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

This energy saving timer is designed to replace any standard wall switch, single or multi-gang, and automatically limit the ON time of incandescent or fluorescent lighting loads. This compact solid-state design with silent operation provides 2-way operation – immediate switch OFF or a time-delayed OFF after 15 minutes. To restart timer, simply switch to OFF for one second then move toggle switch back to TIMER position. A blocking plate is supplied with the timer and may be used to eliminate ON mode for a timed ON use only.

| Model# | Switch      | Color |
|--------|-------------|-------|
| EI15MH | Single-Pole | Ivory |

### EI200 Series – Electronic Auto-OFF Time Switch



#### EI200 Series Switch Rating:

- **Resistive (heater):** 15 Amp, 120 VAC 1800 Watts
- **Tungsten (incandescent):** 8.3 Amp, 120 VAC 1000 Watts
- **Ballast (Fluorescent):** 8 Amp, 120 VAC
- **Motor:** 1/4 H.P., 120 VAC

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

The EI200 series timers provide silent operation in time ranges from 5 minutes up to 12 hours. Six basic models available in three colors reduce the need to stock as many timers, freeing up shelf space and providing more specification flexibility. HOLD feature on select models turns the load ON until manually turned OFF. Replaces single-pole switches in a variety of applications.

| Model#  | Time Range                 | Color        | Hold |
|---------|----------------------------|--------------|------|
| EI200   | 5/10/15/30 Minute          | Ivory        | Yes  |
| EI200W  | 5/10/15/30 Minute          | White        | Yes  |
| EI200LA | 5/10/15/30 Minute          | Light Almond | Yes  |
| EI205   | 5/10/15/30/45 Minute       | Ivory        | No   |
| EI205W  | 5/10/15/30/45 Minute       | White        | No   |
| EI205LA | 5/10/15/30/45 Minute       | Light Almond | No   |
| EI210   | 10/20/30/60 Minute         | Ivory        | Yes  |
| EI210W  | 10/20/30/60 Minute         | White        | Yes  |
| EI210LA | 10/20/30/60 Minute         | Light Almond | Yes  |
| EI215   | 15/30 Minute or 1/2/4 Hour | Ivory        | No   |
| EI215W  | 15/30 Minute or 1/2/4 Hour | White        | No   |
| EI215LA | 15/30 Minute or 1/2/4 Hour | Light Almond | No   |
| EI220   | 1/2/4/8 Hour               | Ivory        | Yes  |
| EI220W  | 1/2/4/8 Hour               | White        | Yes  |
| EI220LA | 1/2/4/8 Hour               | Light Almond | Yes  |
| EI230   | 2/4/8/12 Hour              | Ivory        | Yes  |
| EI230W  | 2/4/8/12 Hour              | White        | Yes  |
| EI230LA | 2/4/8/12 Hour              | Light Almond | Yes  |

### EI400 Series – 24-Hour Electronic Time Switch



- EI400 Series Switch Rating:**
- **Resistive (heater):** 20 Amp, 120-277 VAC 1800 Watts
  - **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
  - **DC Loads:** 12 VDC, 2 Amp; 28 VDC, 4 Amp
- Caution: Do not use for sunlamps, sauna, etc...*

The EI400 series effectively replaces 16 different spring-wound models, freeing up additional shelf space, providing more specification flexibility, ease of installation and absolutely silent operation. A factory supplied CR2 lithium battery provides up to three years of operation and user program selection is stored in non-volatile memory. A low battery indicator appears in the display when the battery requires replacement. A field selectable warning feature provides an audible and/or visual signal that the load is about to switch off. Functions to control all voltages and frequencies (within the contact ratings) with no adjustments required. Provides “true” 3-way control allowing the load interval to be started and stopped using a standard mechanical switch.

| Model#   | Switch              | Color        |
|----------|---------------------|--------------|
| EI400C   | Single-Pole / 3-Way | Ivory        |
| EI400WC  | Single-Pole / 3-Way | White        |
| EI400LAC | Single-Pole / 3-Way | Light Almond |

### EI600 Series – 7-Day Electronic Astronomic Time Switch



- EI600 Series Switch Rating:**
- **Resistive (heater):** 20 Amp, 120-277 VAC, 1800 Watts
  - **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 HP, 240 VAC
  - **DC Loads:** 12 VDC, 2 Amp; 28 VDC, 4 Amp
- Caution: Do not use for sunlamps, sauna, etc...*

This easy to program timer provides up to 40 ON/OFF operations 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. 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. 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 unique “3 wire” design allows the timer to replace, or be used as a single-pole or 3-way (multi-way) switch.

| Model#   | Switch              | Color        |
|----------|---------------------|--------------|
| EI600C   | Single-Pole / 3-Way | Ivory        |
| EI600WC  | Single-Pole / 3-Way | White        |
| EI600LAC | Single-Pole / 3-Way | Light Almond |

### EI500 Series – 7-Day Electronic Time Switch



- EI500 Series Switch Rating:**
- **Resistive (heater):** 15 Amp, 120 VAC 1800 Watts
  - **Tungsten (incandescent):** 8.3 Amp, 120 VAC 1000 Watts
  - **Ballast (Fluorescent):** 8 Amp, 120 VAC
  - **Motor:** 1/4 H.P., 120 VAC;
- Caution: Do not use for sunlamps, sauna, etc...*

The EI500 series compact 7-day timers provides up to 7-ON and 7-OFF operations which can be used for 24-hour or 7-day load control of lights, fans, pumps, and other medium-duty loads for energy savings, security, and convenience. Its compact, quiet, low profile design is easy to program for to-the-minute 24-hour or 7-day control. In addition, the display continuously shows time of day, day of the week, timer load and the load status. Available in three colors white, ivory, and light almond. Replaces single-pole switches in a variety of applications.

| Model#   | Switch      | Color        |
|----------|-------------|--------------|
| EI500C   | Single-Pole | Ivory        |
| EI500WC  | Single-Pole | White        |
| EI500LAC | Single-Pole | Light Almond |

### EJ500 Series – 7-Day Electronic Astronomic Time Switch



- EJ500 Series Switch Rating:**
- **Tungsten (incandescent):** 40-500 Watts, 120 VAC, 60 HZ.
  - **Ballast (Fluorescent):** P-type magnetic ballast
  - No Neutral Required
- Caution: Do not use for sunlamps, sauna, etc...*

The EJ500 Series 7-day timers provide up to 6-ON and 6-OFF operations per week, which can be used for 24-hour or 7-day control of incandescent and fluorescent lighting for energy savings, security and convenience. The astronomic feature provides sunset ON and sunset OFF settings. Two factory supplied batteries provide up to 3 years of time keeping. The timer is compact, quite, low profile design is easy to program for to-the-minute 24-hour and 7-day control. Optional random feature deters burglars by giving your home a “lived-in” look.

| Model#  | Switch              | Color  |
|---------|---------------------|--------|
| EJ500C  | Single-Pole / 3-Way | White  |
| EJ500AC | Single-Pole / 3-Way | Almond |



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