

## EI400 Series

### Digital Auto-Off In-Wall Timers

The EI400 Series Decorator Digital Auto-Off In-Wall Timers effectively replace 16 different spring-wound models. The timers provide flexibility, easy installation, and silent operation. The timers provide a to-the-second accuracy time range from 1 second to 24 hours.

#### Features

- True 3-way control allowing the load interval to be stopped/started using a standard mechanical remote switch
- CR2 lithium battery provides a minimum of 2 years of operation without AC power
- No neutral required
- User settings stored in non-volatile memory
- Low battery indicator
- ADA Compliant
- User-selectable advance end-of-interval visual or audible warning
- Controls all voltages and frequencies with no adjustments required
- CFL/LED compatible

*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 feet)

#### 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: 1 HP, 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

| Model Number | Switch            | Contact Voltage        | Maximum Wattage | Neutral Required | Color        |
|--------------|-------------------|------------------------|-----------------|------------------|--------------|
| EI400C       | Single-Pole/3-Way | 120-277 VAC; 12-28 VDC | 1800-5540       | No               | Ivory        |
| EI400WC      | Single-Pole/3-Way | 120-277 VAC; 12-28 VDC | 1800-5540       | No               | White        |
| EI400LAC     | Single-Pole/3-Way | 120-277 VAC; 12-28 VDC | 1800-5540       | No               | Light Almond |

Project: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Product Type: \_\_\_\_\_  
 Contact/Phone: \_\_\_\_\_  
 Model #: \_\_\_\_\_



## Specification

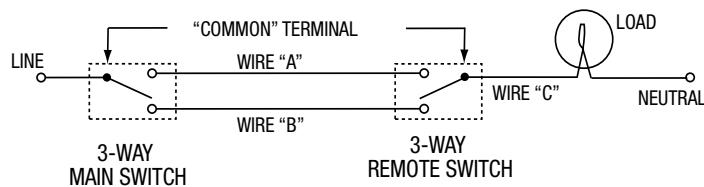
Provide and install as indicated an electronic timer that requires no neutral wire to operate the timing mechanism. The timer shall be supplied with an LCD and user-selectable advance end-of-interval visual and audible warning. The timer must fit a standard wall box and accept a rectangular decorator wall plate. The timer contacts shall break current at the end of timed cycle. The timer shall be capable of single-pole or 3-way (multi-pole) operation and shall be compatible with standard electrical wiring. Various user selectable timing ranges shall be available up to 24 hours, with selectable "HOLD" feature for constant ON. 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 HP, 120 VAC; 2 HP, 240 VAC; 4 Amp, DC Loads: 12 VDC; 2 Amp, 28 VDC.

The timer shall be Intermatic model \_\_\_\_\_ (Ivory-EI400C)(White-EI400WC)(Light Almond-EI400LAC).

## Diagrams

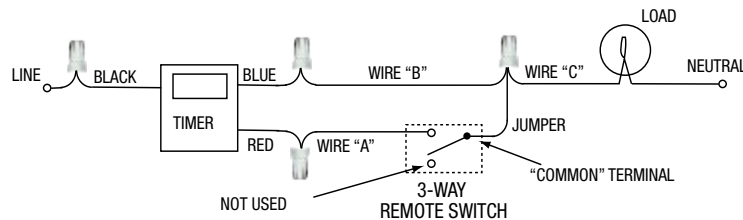
**EI400**

**DIAGRAM 1:**  
TYPICAL EXISTING  
2-SWITCH SETUP



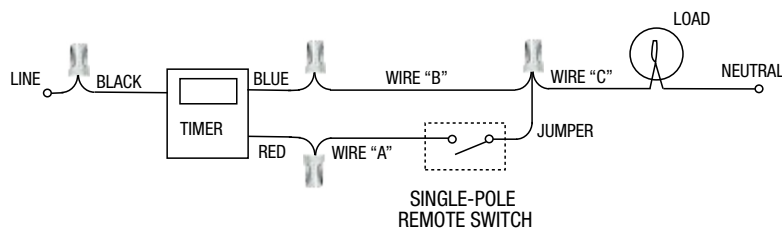
**EI400**

**DIAGRAM 2:**  
2-SWITCH SETUP,  
TIMER INSTALL  
RE-USING EXISTING  
REMOTE 3-WAY SWITCH



**EI400**

**DIAGRAM 3:**  
2-SWITCH SETUP,  
TIMER INSTALL USING  
NEW SINGLE-POLE  
REMOTE SWITCH



**Installation Diagram**

