



Libertyville, Illinois 60048
www.Intermatic.com

El-200 Series

Digital In-Wall Countdown Timer Installation and User Guide

SAFETY SECTION

⚠ Risk of Fire or Electric Shock

- Disconnect power at the circuit breaker(s) or disconnect switch(es) before installing or servicing.
- Do not use in wet locations.
- Use indoors only.
- Do not use to control appliances that contain heating elements such as cooking appliances, heaters, and irons.
- Do not exceed electrical ratings.
- Do not use to control receptacles.
- Use only copper wire with this device.

⚠ Notice

- No user-serviceable parts.



PRODUCT DESCRIPTION

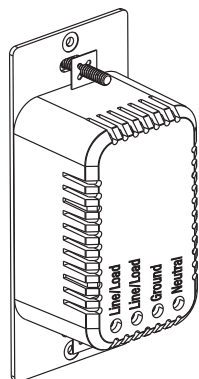
The El-200 Series In-Wall Countdown Timers easily replace an existing wall switch and provide five preset time options for controlling lights, fans, and more.

- Quiet Operation
- No programming required
- DoubleTime Dual-Program top button
- Single-pole installations
- Simplified wiring with interchangeable Line/Load leads
- Neutral required
- Supports motor loads up to 1/2 HP in the 15 A models, and 1 HP in the 20 A EI-221
- Decorator-style wall plate required (not included).

RATINGS

	EI-200 Series 15 A Models	EI-221
Operating Voltage	125 VAC, 60 Hz	
Electronic Ballast (LED)	10 A	
Incandescent	10 A	
Resistive	15 A	20 A
Motor Load	½ HP	1 HP
Operating Temperature	32° F to 104° F (0° C to 40° C)	
Dimensions (H x W x D)	4.125" x 1.688" x 1.5" (104.8 mm x 42.93 mm x 38.1 mm)	

PRE-INSTALLATION



PREPARING THE TIMER FOR INSTALLATION

- a) Locate the (2) black LINE/LOAD leads, the green GROUND lead, and the white NEUTRAL lead.

Note that the LINE/LOAD leads can be connected to either the Line or Load wires in the wall box, helping to avoid mis-wiring in the field.

OPTIONAL FACEPLATE COVER

If you have purchased an optional Faceplate Cover (EI-2xxCOV-LA), install it now.



Optional Faceplate Cover
(EI-2xxCOV-LA)

INSTALLATION



INSTALLATION AND OPERATION VIDEO

To watch a tutorial Video on installing this timer:

1. Go to www.Intermatic.com and enter the Product Name or Model Number in the search field.
2. Click on the video link in the "Extras" section.

1. Disconnect the power at the circuit breaker(s) or disconnect switch(es)

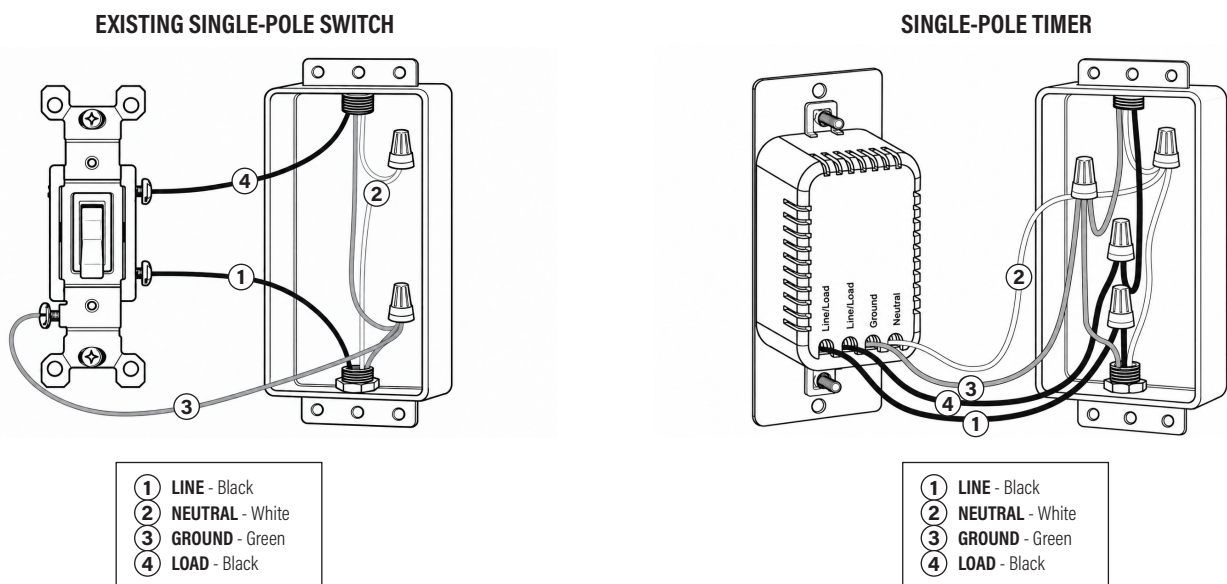
WARNING: If you are unsure or unclear about this installation, or if the wires in your box do not match the manual (for example, no neutral wires), contact a qualified, licensed electrician.

2. This timer is designed for Single-Pole installations only, where the timer controls the load from a single location.
3. If your installation requires 3-way control where the load is controlled from two different locations, contact a qualified, licensed electrician.

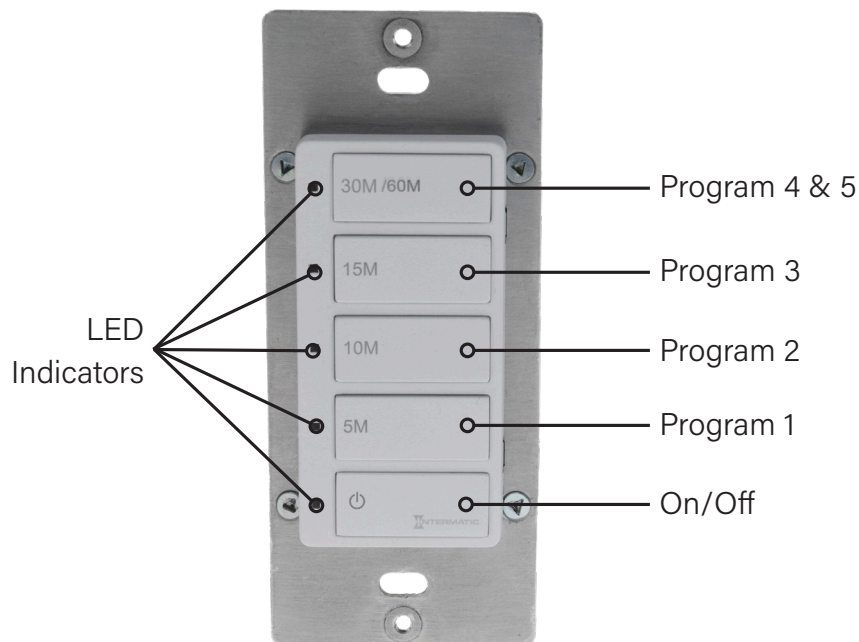
SINGLE-POLE INSTALLATION

1. Ensure that power for the circuit is turned off at the circuit breaker.
2. Remove the existing switch.
 - Connect the timer to the wall box wires as shown. See Figure 1
 - Connect one of the black LINE/LOAD leads on the timer with the Line wire using a twist-on wire connector.
 - Connect the other black LINE/LOAD lead on the timer with the Load wire using another twist-on wire connector.
 - Connect the green GROUND lead on the timer to the Ground wire (or bundle of ground wires) using a twist-on wire connector.
 - Connect the white NEUTRAL lead on the timer to the white Neutral wire bundle using a twist-on wire connector.
3. Make sure all twist-on connectors are on tight.
4. Carefully push the wires back into the wall box.
5. Mount the timer to the wall box using the included captured screws.
6. Install decorator-style wall plate (not included).
7. Restore power to the circuit at the circuit breaker.
8. If the timer does not power on, disconnect the power at the circuit breaker again, and re-check the wiring.

Figure 1



TIMER INTERFACE



USING THE TIMER

POWER (ON/OFF) BUTTON

1. When the timer is OFF, the LED next to the On/Off Power button will be dimly lit.
2. Pressing the Power button will turn the timer on. The LED will brighten to indicate that the load is ON.
3. Press the Power button again to turn the load off.
4. Turning the timer on with the Power button allows the load to stay ON for up to 24 hours, then it will turn off automatically.

PROGRAM BUTTONS

1. Pressing any of the Program buttons will turn the load ON for a predetermined duration.
2. Depending on the timer model, the Program times range from 5 minutes to several hours.
3. The top Program button supports DoubleTime, a feature that allows a single button to offer dual program times.
 - Press the button once to activate the first Program duration printed on the button.
 - Press and hold the button for 2 seconds to double the program time to the second duration printed on the button.
 - The LED flashes twice to indicate DoubleTime mode.
4. When one minute remains in a program, the LED will slowly flash until the program expires and the load turns off.
5. While a Program is running, the Power button can be pressed to turn the timer OFF.
6. While a program is running, press any program button to restart the countdown using the time shown on the last program button pressed.

FCC NOTE

This device complies with part 15 of the FCC and Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: -- Reorient or relocate the receiving antenna.

-- Increase the separation between the equipment and receiver.

-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help

CAN ICES-3(B)/NMB-3(B)

LIMITED TWO-YEAR WARRANTY

Warranty service is available by either (a) returning the product to the dealer from whom the unit was purchased or (b) completing a warranty claim online at <https://www.Intermatic.com/Support/Warranty-Claims>. This warranty is made by: Intermatic, 1950 Innovation Way, Suite 300, Libertyville, IL 60048. For additional product or warranty information go to: <http://www.Intermatic.com> or call 815-675-7000, M-F 8 AM to 4:30 pm