

Intermatic EI230W

Intermatic EI230W Electronic Auto-Off Timer Instruction Manual

Model: **EI230W** | Brand: **Intermatic**

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of your Intermatic EI230W Electronic Auto-Off Timer. This device is designed to provide convenient, automatic shut-off for various electrical loads, enhancing energy efficiency and convenience in your home or office.

The EI230W timer offers silent operation and simple push-button controls for preset countdown times, making it an ideal replacement for standard single-pole switches.

2. SAFETY INFORMATION

WARNING: RISK OF ELECTRIC SHOCK. This product requires installation by a qualified electrician or trained personnel. Always turn off power at the circuit breaker or fuse box before installation or servicing.

- Read all instructions before installing or using this product.
- Do not use this timer with loads exceeding its electrical ratings.
- Ensure all wiring connections are secure and comply with local and national electrical codes.
- This device requires a neutral wire for proper operation. If a neutral wire is not present in your switch box, consult a qualified electrician.
- Keep children away from electrical wiring.

3. PRODUCT OVERVIEW AND FEATURES

The Intermatic EI230W is an electronic in-wall timer designed for ease of use and silent operation. It features a clean white finish to blend with most decor.



Figure 1: Intermatic EI230W Electronic Auto-Off Timer with faceplate.

Key Features:

- **Simple Operation:** Easily select countdown times of 2, 4, 8, or 12 hours with a single button press. No complex programming is required.
- **Silent Control:** Operates without audible clicking or humming, suitable for quiet environments.
- **Versatile Applications:** Ideal for controlling indoor and outdoor lighting, bathroom fans, ventilation fans, and other appliances.
- **Easy Installation:** Designed to replace existing single-pole switches. Requires a neutral wire.
- **White Finish:** Aesthetically designed to integrate seamlessly with standard white wall plates.

4. SETUP AND INSTALLATION

Follow these steps carefully to install your Intermatic EI230W timer. If you are unsure about any step, consult a qualified electrician.

Tools Required:

- Screwdriver (Phillips and Flathead)
- Wire Strippers
- Electrical Tape
- Voltage Tester

Installation Steps:

1. **Turn Off Power:** Locate the circuit breaker or fuse that controls the switch you are replacing. Turn off the power completely. Use a voltage tester to confirm that the power is off at the switch box.
2. **Remove Existing Switch:** Carefully remove the wall plate and unscrew the existing switch from the electrical box. Gently pull the switch out of the box.
3. **Identify Wires:**
 - **LINE (Hot) Wire:** Typically black, connected to the incoming power.
 - **LOAD Wire:** Typically black, connected to the light or appliance.
 - **NEUTRAL Wire:** Typically white. This timer requires a neutral wire.
 - **GROUND Wire:** Typically bare copper or green.



Figure 2: Side view of the EI230W timer showing the wiring diagram.

4. **Wire the Timer:** Connect the wires from the wall box to the corresponding wires on the EI230W timer using wire nuts.
- Connect the **BLACK** wire from the timer to the **LINE (Hot)** wire.
 - Connect the **RED** wire from the timer to the **LOAD** wire.
 - Connect the **WHITE** wire from the timer to the **NEUTRAL** wire.
 - Connect the **GREEN** wire from the timer to the **GROUND** wire.

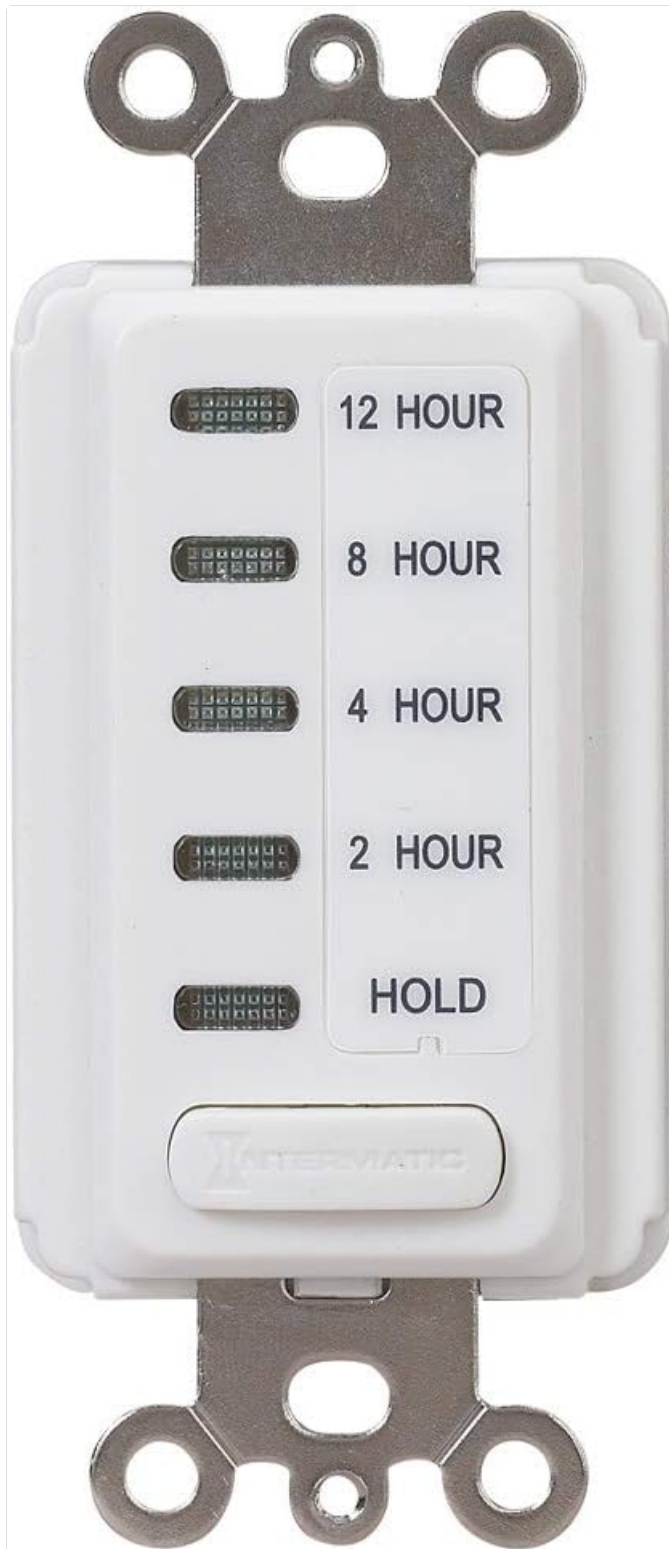


Figure 3: Front view of the EI230W timer without the faceplate, showing terminals.

5. **Mount the Timer:** Carefully push the wired timer back into the electrical box. Secure it with the provided screws.
6. **Install Wall Plate:** Attach the decorative wall plate (not included) over the timer.
7. **Restore Power:** Turn the power back on at the circuit breaker or fuse box.

Installation Video:

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Video 1: An overview of Intermatic In-Wall Timers, including electronic models similar to the EI230W, demonstrating features like single-button operation, silent control, and ease of installation. This video highlights the simplicity of use and installation for electronic countdown timers.

5. OPERATING INSTRUCTIONS

The Intermatic EI230W timer is designed for straightforward operation with a single push-button interface.



Figure 4: Front panel of the EI230W timer with time selection buttons.

Setting the Timer:

1. Press the main button repeatedly to cycle through the available countdown times: 2 hours, 4 hours, 8 hours, 12 hours.
2. The LED indicator next to the selected time will illuminate, confirming your choice.
3. The connected load (light, fan, appliance) will turn on and remain on for the selected duration, then automatically turn off.

"HOLD" Function:

- To keep the connected load on indefinitely, press the button until the "HOLD" indicator lights up. The load will remain on until you manually turn it off or select a countdown time.

Turning Off Manually:

- If a countdown time is active or the timer is in "HOLD" mode, press the button until all LED indicators are off. This will turn off the connected load.

6. MAINTENANCE

The Intermatic EI230W Electronic Auto-Off Timer requires minimal maintenance.

- **Cleaning:** To clean the surface of the timer, use a soft, damp cloth. Do not use abrasive cleaners, solvents, or spray directly onto the unit.
- **Inspection:** Periodically check the timer and wall plate for any signs of damage or loose connections. If any issues are found, turn off the power at the circuit breaker and consult a qualified electrician.

7. TROUBLESHOOTING

If you experience issues with your EI230W timer, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Timer does not turn on or operate.	No power to the switch box. Incorrect wiring. Loose connections.	Check the circuit breaker or fuse. Verify wiring connections according to the installation instructions. Ensure all wires are securely connected.
Load does not turn off after selected time.	Timer is in "HOLD" mode. Faulty timer unit.	Press the button until all LEDs are off to manually turn off the load, then re-select a countdown time. If the issue persists, contact customer support.
LED indicators are not lighting up.	No power to the timer. Faulty LED.	Check power supply and wiring. If the timer functions but LEDs do not, contact customer support.
Timer makes noise during operation.	This electronic timer is designed for silent operation. Any noise indicates a potential issue.	Turn off power immediately and consult a qualified electrician or contact customer support.

8. SPECIFICATIONS

- **Model Number:** EI230W
- **Brand:** Intermatic
- **Color:** White
- **Product Dimensions:** 1.44"D x 1.68"W x 4.13"H

- **Item Weight:** 0.34 Pounds (approx. 5.4 ounces)
- **Number of Settings:** 4 (2, 4, 8, 12 hours)
- **UPC:** 078275095298
- **Manufacturer:** Intermatic
- **Approval:** UL (Canada and US)

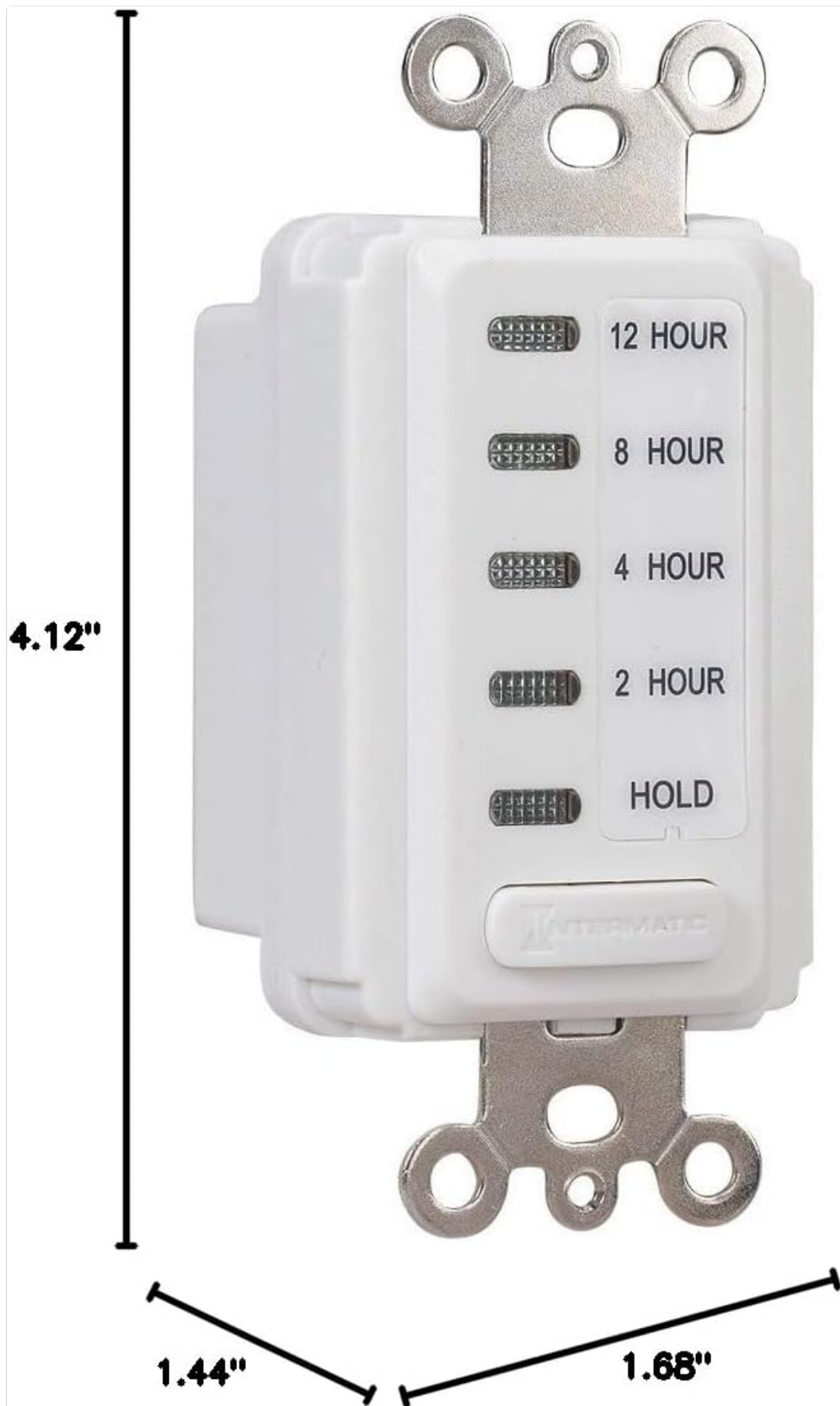


Figure 5: Dimensions of the EI230W timer.

9. WARRANTY

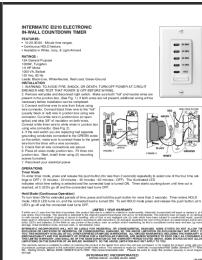
Intermatic products are designed for durability and reliability. For specific warranty information regarding your EI230W Electronic Auto-Off Timer, please refer to the documentation included with your purchase or visit the official Intermatic website. Typically, Intermatic offers a limited warranty covering defects in materials and workmanship under normal use and service.

10. SUPPORT

For further assistance, technical support, or to inquire about replacement parts, please contact Intermatic customer service.

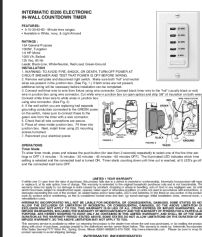
- **Manufacturer:** Intermatic
- **Online Store:** [Visit the Intermatic Store on Amazon](#)
- Please have your model number (EI230W) and purchase date available when contacting support.

Related Documents - EI230W



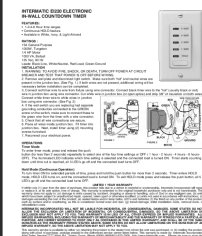
[Intermatic EI210 Electronic In-Wall Countdown Timer - Installation & Operation Guide](#)

Comprehensive guide for the Intermatic EI210 electronic in-wall countdown timer, detailing features, installation steps, operation modes (Timer and Hold), and warranty information. Includes technical specifications and contact details for Intermatic Incorporated.




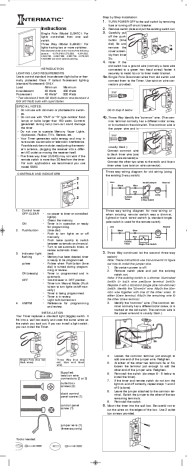
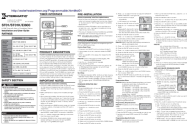
[Intermatic EI205 Electronic In-Wall Countdown Timer: Installation and Operation Guide](#)

Comprehensive guide for installing and operating the Intermatic EI205 electronic in-wall countdown timer. Covers features, ratings, step-by-step installation, operation modes, and a 1-year limited warranty. Ideal for controlling lighting and loads with timed shut-off.



[Intermatic EI220 Electronic In-Wall Countdown Timer: Installation and Operation Guide](#)

Comprehensive guide for installing and operating the Intermatic EI220 electronic in-wall countdown timer. Covers features, electrical ratings, step-by-step installation, operational modes (Timer and Hold), and warranty information.

	<p>Intermatic EI200 Electronic In-Wall Countdown Timer - Installation and Operation Guide</p> <p>Detailed guide for the Intermatic EI200 Electronic In-Wall Countdown Timer. Covers features, ratings, installation steps, operation modes (Timer Mode, Hold Mode), and a 1-year limited warranty. Includes wiring diagrams and safety warnings.</p>
	<p>Intermatic EJ341C/EJ343C Lighting Timer Switch Installation and Programming Guide</p> <p>Detailed instructions for installing and programming Intermatic EJ341C (Single Pole) and EJ343C (Three Way) lighting timer switches. Covers setup, controls, programming methods, troubleshooting, and specifications.</p>
	<p>Intermatic ST01/ST01K/E1600 In-Wall Timer Installation and User Guide</p> <p>Comprehensive installation and user guide for the Intermatic ST01, ST01K, and E1600 series in-wall timers, featuring programmable scheduling, countdown, and astro functions. Includes setup, wiring, programming, and troubleshooting instructions.</p>