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> ENERLITES HET06A-J-W 30-Minute No Neutral Countdown Timer Switch User Manual

## ENERLITES HET06A-J-W

# ENERLITES HET06A-J-W 30-Minute No Neutral Countdown Timer Switch

User Manual

## INTRODUCTION

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The ENERLITES HET06A-J-W is a 30-minute no neutral countdown timer switch designed to automatically turn off connected loads such as bathroom fans, heaters, and lights. This device helps conserve energy by ensuring appliances are not left on unintentionally. It features multiple countdown options and a manual ON/OFF override button. This manual provides essential information for safe installation, operation, and maintenance of your timer switch.

## SAFETY INFORMATION

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- **WARNING:** To avoid fire, shock, or death, turn off power at the circuit breaker or fuse box and test that power is off before wiring.
- Installation must be performed by a qualified electrician or in accordance with all local and national electrical codes.
- Do not use with loads exceeding the specified ratings: 120VAC 60Hz, incandescent/halogen: 800W, LED/CFL: 150W, motor: 1/4Hp.
- This device requires a ground wire (3-wire installation). A neutral wire is not required.
- Operating temperature range: 32°F to 131°F (0°C to 55°C).

## PACKAGE CONTENTS

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- ENERLITES HET06A-J-W Countdown Timer Switch
- Screws
- Installation Instructions
- Wire Covers
- Screwless Wall Plate

## PRODUCT FEATURES

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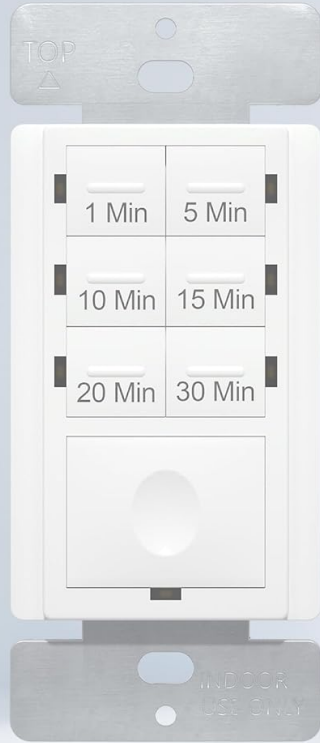
- Automatically turns a load OFF on a countdown timer, saving energy.
- Six countdown timer options: 1 min, 5 min, 10 min, 15 min, 20 min, and 30 minutes.
- Manual ON/OFF button overrides the timer setting.
- Blue LED indicator flashes twice upon time delay selection and then turns off, ideal for bedrooms.
- Suitable for lights, ceiling fans, bathroom fans, heaters, and other appliances.
- UL Listed for safety and quality assurance.



Image: Front view of the ENERLITES HET06A-J-W Countdown Timer Switch, highlighting its various time settings and the main ON/OFF button. It also notes that no neutral wire is required and mentions a warm-up period after installation.

## WIDE APPLICABILITY

Automate the shut off operations of all types of lights, fans and heaters at the time pre-set



For Ventilator

For Light

For Towel Heater

Image: The timer switch is depicted alongside various applications, including a ventilator, a wall light, and a towel heater, illustrating its versatility in automating shut-off operations for different devices.

## SPECIFICATIONS

Attribute	Value
Operation Mode	ON-OFF
Current Rating	15 Amps
Operating Voltage	120 Volts (AC)
Contact Type	Normally Closed
Connector Type	Wire Leads
Brand	ENERLITES
Switch Type	Timer

Attribute	Value
Terminal	SPST
Material	Plastic, Polybutylene Terephthalate
Item dimensions L x W x H	1.7 x 1.47 x 2.75 inches
Circuit Type	1-way
Mounting Type	Wall Mount
Number of Positions	1
Lower Temperature Rating	32 Degrees Fahrenheit
Upper Temperature Rating	131 Degrees Fahrenheit
Connectivity Protocol	X-10
Wattage	800 watts
Color	White
Unit Count	1.0 Count
Number of Items	1
Contact Material	Copper
Specification Met	UL
Manufacturer	ENERLITES
UPC	883951776411

## INSTALLATION INSTRUCTIONS

**Important:** Before beginning any electrical work, ensure the power is turned off at the circuit breaker or fuse box to prevent electrical shock. If you are unsure about any steps, consult a qualified electrician.

- 1. Turn Off Power:** Locate the circuit breaker controlling the switch you are replacing or the area where you are installing the new timer switch. Turn off the power and verify it is off using a voltage tester.
- 2. Remove Existing Switch (if applicable):** Carefully remove the wall plate and unscrew the existing switch from the electrical box. Disconnect the wires from the old switch, noting which wire is connected to which terminal.
- 3. Identify Wires:** This timer switch requires a Line (hot) wire, a Load wire, and a Ground wire. A neutral wire is not required. Typically, the Line wire brings power from the circuit breaker, and the Load wire sends power to the fixture (e.g., fan, light). The Ground wire is usually bare copper or green.
- 4. Connect Wires:** Use wire connectors to securely connect the wires from the wall box to the corresponding wires on the ENERLITES timer switch.
  - Connect the **Line (hot)** wire from the wall box to the **black wire** on the timer switch.
  - Connect the **Load** wire from the wall box to the **red wire** on the timer switch.

- Connect the **Ground** wire from the wall box to the **green wire** on the timer switch.

Ensure all connections are tight and secure.

5. **Mount the Switch:** Carefully fold the wires into the electrical box. Secure the timer switch to the electrical box using the provided screws. Attach the screwless wall plate.
6. **Restore Power:** Turn the power back on at the circuit breaker.
7. **Initial Warm-up:** After installation and restoring power, the device may require a 1-2 minute warm-up period before it functions correctly. During this time, the buttons may not respond immediately.



Image: The ENERLITES HET06A-J-W Countdown Timer Switch is shown fully installed in a standard wall plate, demonstrating its sleek appearance in a residential setting.

## OPERATION

The ENERLITES HET06A-J-W timer switch offers simple operation for controlling your connected appliances.

- **Selecting a Countdown Time:** Press and release one of the six small buttons (1 Min, 5 Min, 10 Min, 15 Min, 20 Min, 30 Min) to select the desired countdown duration. The blue LED indicator will flash twice to confirm the setting, then turn off.
- **Manual ON/OFF:** To manually turn the connected load ON or OFF, press and hold the large push button at the bottom for more than 3 seconds. This action overrides any active timer setting.

- **LED Indicator Behavior:** The blue LED indicator is designed to flash twice upon setting a timer and then turn off. This ensures no bright light is emitted during operation, which is beneficial for locations like bedrooms.



Image: A detailed view of the timer switch's interface, illustrating the individual buttons for setting countdown durations and the large button for manual ON/OFF control.

## MAINTENANCE

The ENERLITES HET06A-J-W timer switch requires minimal maintenance.

- **Cleaning:** To clean the switch, wipe it with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure power is off before cleaning.
- **Inspection:** Periodically inspect the switch and wall plate for any signs of damage or wear. If any damage is observed, discontinue use and consult a qualified electrician for replacement.

## TROUBLESHOOTING

If you encounter issues with your ENERLITES HET06A-J-W timer switch, refer to the following common problems and solutions:

- **Switch does not turn on after installation:** Ensure power is restored at the circuit breaker. The device requires a 1-2 minute warm-up period after initial power-up. Wait for this period to complete before attempting

operation.

- **Timer function does not activate:** Verify that the wires are correctly connected (Line to black, Load to red, Ground to green). Incorrect wiring can prevent proper function.
- **Manual ON/OFF button does not work on first power-up:** This can be a temporary behavior during the initial warm-up phase. Allow the timer to complete its first cycle (if a time was set) or wait for the warm-up period. After this, the manual ON/OFF button should function normally.
- **LED indicator does not stay on:** This is normal operation. The blue LED indicator is designed to flash twice upon setting a timer and then turn off to avoid light pollution, especially in dark environments.
- **Load (fan, light) does not turn off after countdown:** Check the load wattage to ensure it does not exceed the switch's maximum ratings (800W incandescent/halogen, 150W LED/CFL, 1/4Hp motor).

## WARRANTY AND SUPPORT

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The ENERLITES HET06A-J-W Countdown Timer Switch comes with a **1-year warranty** from the date of purchase, covering defects in material and workmanship under normal use.

For technical support, warranty claims, or further assistance, please contact ENERLITES customer service. Refer to the contact information provided with your product packaging or visit the official ENERLITES website.