

# Product Data Sheet

## In-Wall Relay Switch

Webee-Centralite-3115

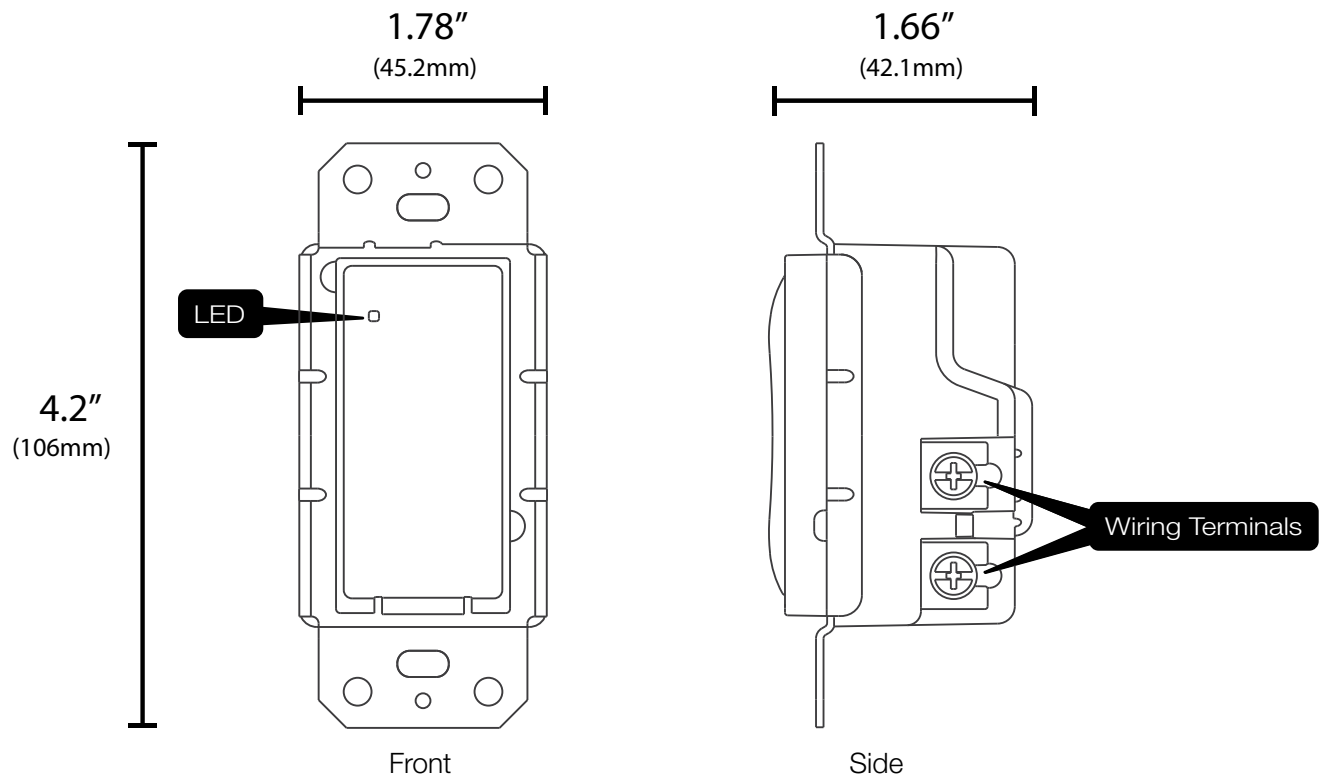
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Last Updated: February 2016

### Product Overview

Adding whole-home lighting control to your home automation system has never been easier. With the In-Wall Relay Switch, users can now have advanced features with easy-to-install, wirelessly communicating switches. The relays and dimmers feature rocker-type switches and screw-type wiring connections. They also utilize the ZigBee HA 1.2 wireless standard. With current-sensing technology, the In-Wall Relay Switch can measure and report how much energy is being used. The relay also features a power amplifier, enabling the device to communicate up to 100 feet from other ZigBee devices.

### Dimensions



### In the Box:

- 1x - In-Wall Relay Switch
- 2x - Mounting Screws

### Key Features:

- Compatible with 3-, 4-, and 5-Way Circuits
- Easy Self-Install
- Control Existing Overhead Lighting
- Over-the-air firmware updates.
- Easy compatibility with ZigBee HA 1.2 devices.

## Use Cases

- Whole Home Lighting Control
- Lighting Scenes

### Whole Home Lighting Control

The In-Wall Relay Switch is the most affordable quality whole-home lighting system available. Compatible with all platforms that support ZigBee HA 1.2, the In-Wall Relay can give you absolute control over every light in your home.

### Lighting Scenes

Set and control hundreds of scenes by installing In-Wall Switches around your home. Setup morning, goodbye, emergency, and goodnight scenes easily and reliably.

- One-touch “Goodnight” Scene
- Safety and Emergency Lighting

### One-touch “Goodnight” Scene

By equipping your home with In-Wall Switches you can “shut down” your home at night with the touch of a single button. Imagine having all interior and exterior lights turn off when you’re ready to go to sleep.

### Safety and Emergency Lighting

By equipping your home with In-Wall Switches, you can pair motion and door sensors to automatically trigger your lights in dark hallways or a child’s bathroom at night.

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## Special Features

### Drop-in Switch Replacement

The In-Wall Relay doesn’t require new wiring or special installation tools. Installing the switch is just as easy as installing a regular light switch. In fact, the In-Wall Relay can be installed in about 10 minutes.

### Current-Sensing Circuitry

The In-Wall Relay Switch features current-sensing circuitry for real-time energy usage reporting. The current-sensing feature can also be used to notify

users when a device has been turned on or off.

### ZigBee Home Automation 1.2 Compatibility

The In-Wall Relay Switch is fully ZigBee HA 1.2 certified and is guaranteed to function with all open, ZigBee HA 1.2-certified hubs and devices.

### Updatability

The In-Wall Relay Switch supports over-the-air updates providing for seamless upgrades and feature additions without the need for any user interaction.

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## Getting Started

**WARNING!** To reduce the risk of serious injury or death, turn power OFF before installing this product.

**WARNING!** If a direct short is created between the RED terminal and GROUND or NEUTRAL, the Relay Switch will be damaged and unusable.

**Step 1:** Confirm that the intended installation location conforms to the following requirements:

- Wall box must meet box size requirements specified by the NEC (National Electric Code).
- Installation will be completed according to national and local codes.
- The load being controlled by the device does not exceed 1000 W

**Step 2:** To avoid SERIOUS INJURY or DEATH, turn OFF the local electrical power feeding the switch location. To disconnect power turn off the breaker or remove the fuse from the fuse box. Verify that there is no power present using a voltage meter or test light.

**Step 3:** If you are replacing an existing switch, note which wires are the Ground, Circuit Feed (HOT), Load (Switch Leg), and Neutral.

**Step 4:** Prepare the wires for connection by stripping off the insulation 5/8-in.

**Step 5:** Connect the relay switch.

- Connect GREEN terminal from switch to GROUND
- Connect BLACK terminal from switch to HOT FEED
- Connect WHITE terminal from switch to NEUTRAL
- Connect RED terminal from switch to LOAD

**Step 6:** Test all connections. Fold wires and push them neatly into the switch box. Align the Relay Switch in the switch box with the air gap switch oriented at the bottom of the Relay Switch. Using the supplied screws, secure the Relay Switch in the switch box.

**Step 7:** Verify that the Air Gap switch is fully pushed in. Then turn ON circuit breaker or replace the fuse.

**Step 8:** If the Relay Switch is installed properly the top LED will blink slowly, signifying that the device is working as an independent local device.

**Step 9:** You should now be able to control the load by tapping the

# Troubleshooting

## Step 1: Factory Reset and Rejoin

Pull out air gap switch. While depressing the switch's top button, press in air gap switch. When the status LED turns solid red, release the button. Repeat the "Getting Started" steps to rejoin the ZigBee network.

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# Compatibility

The In-Wall Relay Switch features out-of-the-box compatibility with any ZigBee HA 1.2-certified hub, controller, bridge, or platform.

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# Technical Specifications

## Electrical

120 VAC 60Hz

## Supported Loads:

- 120 VAC 1/2 HP Motor
- 120 VAC 1000 W Halogen
- 120 VAC 1000 W Fluorescent
- 120 VAC 1000 VA Magnetic Low Voltage Transformer
- 120 VAC 1000 VA Electronic Low Voltage Transformer

## Environmental

Operating Temperature:  
-20° to +40°C

## Shipping / Storage

Temperature: -20° to 50°C  
Humidity Range: 0 to 90% RH.  
(non-condensing)

Approvals:   

## Wireless RF

Protocol: ZigBee HA 1.2  
TX Strength: +18 dBm  
RF Channels: 16  
Range: >100 ft. (>30m)

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# Support

For support contact us at  
[support@webeelife.com](mailto:support@webeelife.com).

# Standard Warranty

12-month limited warranty on the  
In-Wall Relay Switch.

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upon discovery. Specifications for unreleased/planned products are subject to change.