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› [Enbrighten](#) /

› [Enbrighten 46199 Add-On Smart Switch Instruction Manual](#)

Enbrighten 46199

Enbrighten 46199 Add-On Smart Switch Instruction Manual

MODEL: 46199

Introduction

The Enbrighten 46199 Add-On Smart Switch is designed to expand your smart lighting control system. This device is not a standalone switch and must be paired with a compatible Enbrighten smart switch or dimmer (Z-Wave, Zigbee, or Wi-Fi) to enable multi-location control of your lighting fixtures. Featuring QuickFit and SimpleWire technologies, it offers easier installation and reliable performance for managing your home's lighting from up to five locations.

Key Features

- **QuickFit Design:** Reduced housing depth (up to 20% smaller than previous models) and elimination of heat tabs for easier installation in crowded switch boxes or multi-gang configurations.
- **SimpleWire Technology:** Features an offset 2-wire ground terminal and automatic line/load detection to simplify wiring and reduce installation errors.
- **Multi-Switch Operation:** Enables control from up to 5 locations when paired with a primary smart switch or dimmer.
- **Versatile Compatibility:** Works with Enbrighten and UltraPro smart switches, dimmers, and fan controls (Z-Wave, Zigbee, Wi-Fi).
- **Universal Voltage:** Rated for 120/277VAC, suitable for both common home installations and light-commercial applications.
- **S2 Security:** Advanced 128-bit encryption for enhanced network security.
- **SmartStart:** Easy, automatic pairing with compatible hubs by scanning a QR code.
- **Programmable Brightness Threshold:** For dimmers, set minimum and maximum brightness to prevent flicker with LED bulbs.
- **Multifunctional Design:** Can be converted for use as a standard ON/OFF switch.
- **Central Scene:** Customizable single, double, or triple tap functions for controlling individual devices or entire scenes.

Product Overview Video

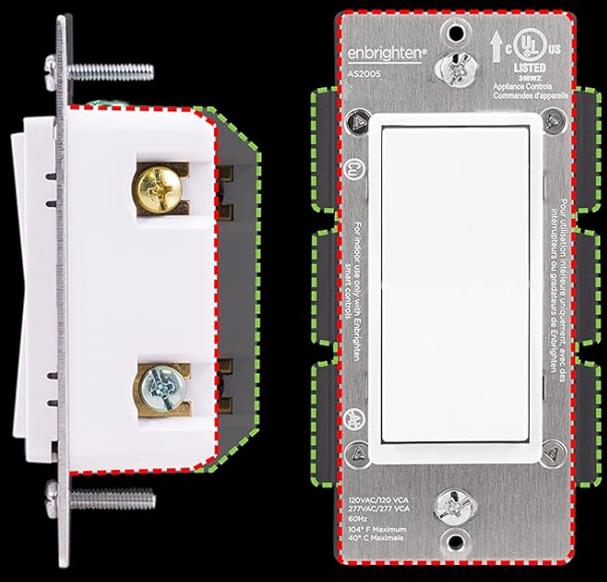
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Video: An official product overview from Jasco Products Company, demonstrating the features and benefits of the Enbrighten Smart Switch series, including QuickFit, SimpleWire, S2 Security, SmartStart, and Central Scene functionality.

Setup and Installation

1. **Verify Neutral Wire:** This add-on switch requires a neutral wire for proper operation. Ensure your electrical box has a neutral wire available before installation.
2. **Power Off:** Before beginning any electrical work, turn off power to the switch location at the circuit breaker.
3. **Wiring:** Connect the add-on switch according to the wiring diagram provided with your primary smart switch. The SimpleWire technology automatically detects line and load wires, simplifying the process. The QuickFit design allows for easier fitting into crowded electrical boxes.
4. **Mounting:** Secure the add-on switch into the electrical box and attach the wall plate.
5. **Power On:** Restore power at the circuit breaker.
6. **Pairing (SmartStart):** If your hub supports SmartStart, scan the QR code on the switch or its packaging to automatically pair it with your smart home system. Otherwise, follow your smart hub's instructions for adding a Z-Wave or Zigbee device. This add-on switch must be paired with a compatible Enbrighten or UltraPro smart switch, dimmer, or fan control.

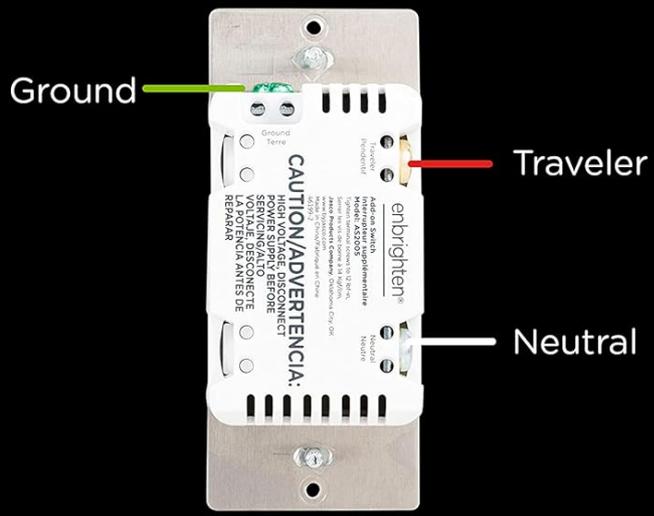
QUICKFIT™



- Easily fits in crowded switch boxes
- 20% reduced housing
- No break-off tabs

--- Previous Model
 --- QuickFit

SIMPLEWIRE™



- Offset 2-wire ground terminal

COMMERCIAL GRADE
120/277VAC

Image: The Enbrighten Add-On Switch highlighting QuickFit and SimpleWire features for easier installation and wiring.

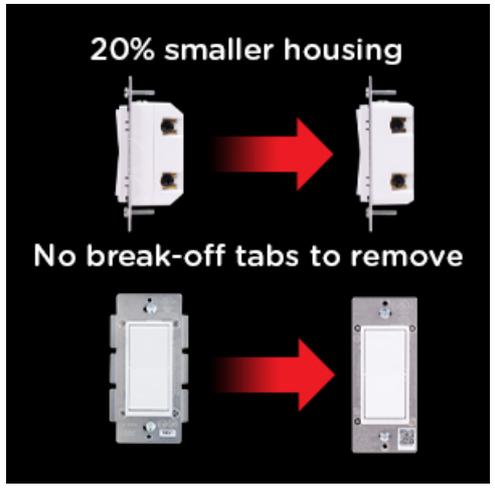


Image: Illustration of the QuickFit design, demonstrating a 20% reduction in housing depth compared to previous models, facilitating installation in tight spaces.

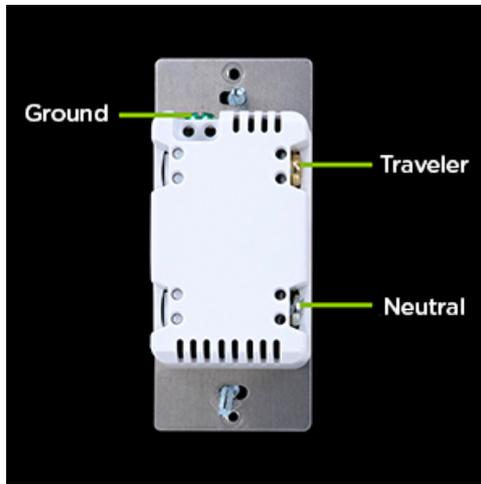


Image: Diagram illustrating SimpleWire technology, which includes an offset 2-wire ground terminal for simplified wiring.

Compatible with all Enbrighten In-Wall Smart Controls:

Smart Switches, Smart Dimmers and Smart Fan Controls

The packaging for the Zigbee In-Wall Smart Switch features a red vertical stripe on the left with the word 'ZIGBEE' written vertically. The top right corner has the 'enbrighten®' logo. The main title is 'In-Wall Zigbee Smart Switch' in white and red. Below the title, it says 'Wirelessly control and schedule lights and other devices from anywhere*'. Two feature banners are present: 'QUICKFIT™' and 'SIMPLEWIRE™'. A photograph of a modern interior is shown on the left. A white smart switch is displayed on the right. At the bottom, it lists 'Includes White and Light Almond' and 'Mobile or Voice Control'. The Zigbee logo is at the bottom right, with the text 'Requires compatible Zigbee hub' and a small icon of a Zigbee hub.

Zigbee

The packaging for the Z-Wave In-Wall Smart Switch features a green vertical stripe on the left with the words 'Z-WAVE' written vertically. The top right corner has the 'enbrighten®' logo. The main title is 'In-Wall Z-Wave Smart Switch' in white and green. Below the title, it says 'Wirelessly control and schedule lights and other devices from anywhere*'. Two feature banners are present: 'QUICKFIT™' and 'SIMPLEWIRE™'. A photograph of a modern interior is shown on the left. A white smart switch is displayed on the right. At the bottom, it lists 'Includes White and Light Almond' and 'Mobile or Voice Control'. The Z-Wave Plus logo is at the bottom right, with the text 'Requires compatible Z-Wave hub' and a small icon of a Z-Wave hub.

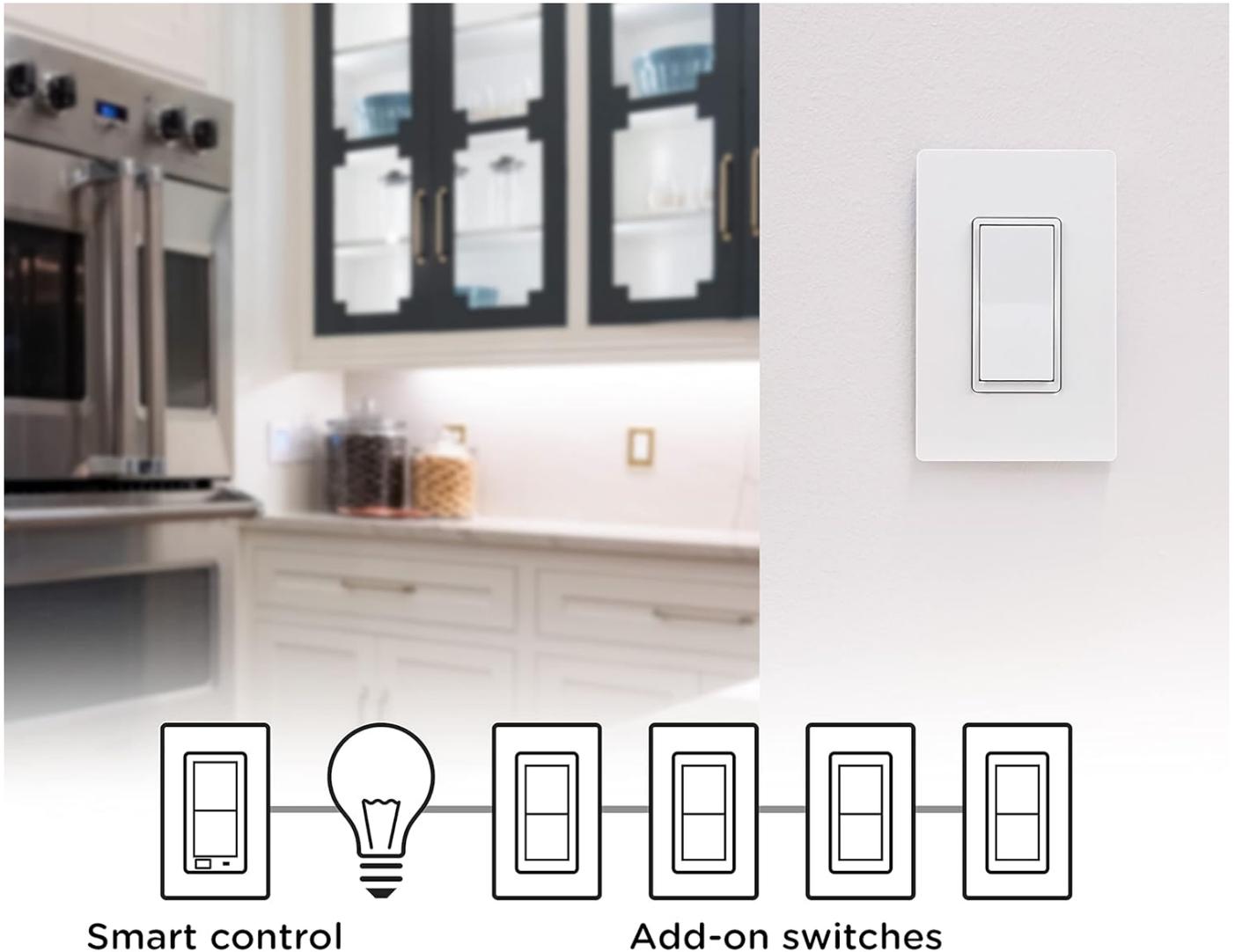
Z-Wave

Image: Visual representation of the add-on switch's compatibility with Z-Wave and Zigbee smart controls.

Operating Instructions

The Enbrighten Add-On Switch functions in conjunction with a primary smart switch (Z-Wave, Zigbee, or Wi-Fi) to provide multi-location control. Its operation mirrors that of the primary switch.

- **Turning ON/OFF:** Press the top or bottom of the rocker paddle to toggle the connected lights or device ON or OFF.
- **Dimming/Brightening (if paired with a dimmer):** Press and hold the top of the rocker paddle to brighten the lights. Press and hold the bottom of the rocker paddle to dim the lights. Release when desired brightness is reached.
- **Central Scene Control:** Depending on your primary smart switch and hub capabilities, the add-on switch may support Central Scene commands. This allows for customizable single, double, or triple tap actions to control individual devices or activate pre-set scenes in your smart home system. Refer to your smart hub's documentation for configuring Central Scene functionality.



Convert any smart control to a multi-location switch

Control lighting from up to five switches

Need help? Contact our U.S.-based Consumer Care using the number in your user's manual.

Image: A diagram illustrating how the Enbrighten Add-On Switch enables multi-location control when paired with a smart control, allowing operation from up to five switches.

Maintenance

The Enbrighten Add-On Switch requires minimal maintenance. Ensure the device is kept clean and free from dust. For

cleaning, gently wipe the surface with a soft, dry cloth. Do not use liquid cleaners or aerosols directly on the switch. Periodically check the wall plate and screws for tightness.

For any electrical work or if you suspect a malfunction, always disconnect power at the circuit breaker and consult a qualified electrician.

Troubleshooting

- **Switch Not Responding:** Ensure the primary smart switch it is paired with is functioning correctly and has power. Verify all wiring connections are secure.
- **Lights Not Dimming/Brightening:** Confirm the add-on switch is paired with a dimmer-capable primary smart switch. Check the programmable brightness threshold settings on your primary smart switch if applicable.
- **Cannot Pair with Hub:** Ensure your smart hub is in pairing mode. If using SmartStart, verify the QR code is correctly scanned. For manual pairing, follow your hub's specific instructions. Confirm the primary smart switch is within range of the hub.
- **No Power to Switch:** Double-check that power is restored at the circuit breaker. Confirm the neutral wire is correctly connected, as this switch requires it.

Specifications

Feature	Detail
Model Number	46199
Operation Mode	ON-OFF
Current Rating	15 Amps
Operating Voltage	120/277 Volts (AC)
Connectivity Protocol	Wi-Fi, Z-Wave, ZigBee (requires compatible primary smart switch)
Control Method	Touch
Dimensions (L x W x H)	1.13 x 1.75 x 4.13 inches
Item Weight	5 ounces
Material	Plastic
Color	White and Light Almond
Installation Method	Wall-Mounted
Manufacturer	Jasco Products Company, LLC

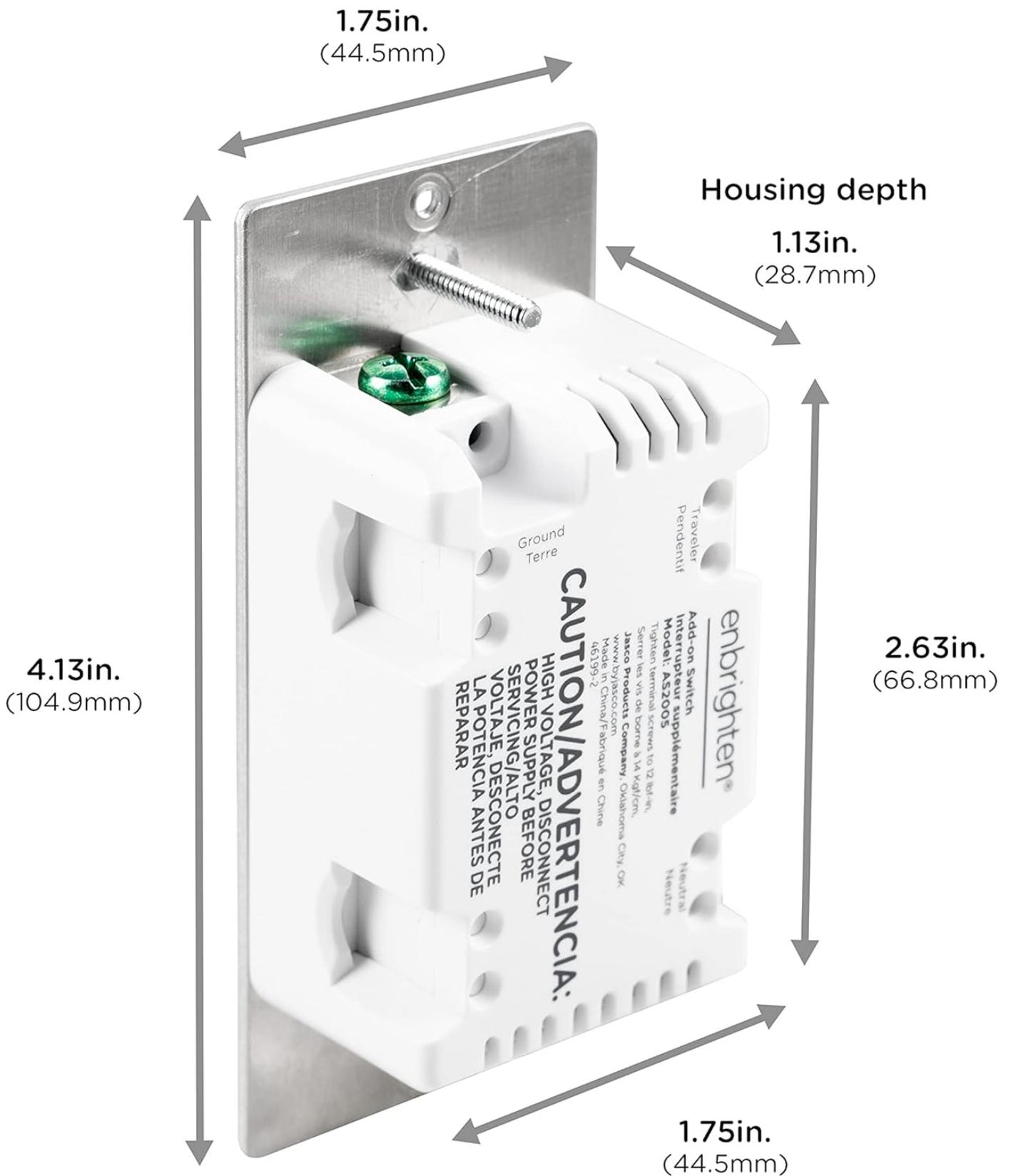


Image: Detailed dimensions of the Enbrighten Add-On Switch (1.13 x 1.75 x 4.13 inches).

Warranty Information

This Enbrighten Add-On Switch comes with a **2-year limited warranty** from the manufacturer, Jasco Products Company, LLC. Please refer to the official product documentation or contact customer support for full warranty terms and conditions.

Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact Jasco Products Company, LLC. Contact information can typically be found in the product packaging or on the manufacturer's official website.



Image: Jasco Products Company contact information for support.