FCC/IC

This device complies with Part 15 of the FCC and Industry Canada license-exempt RSS standards.

**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 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 to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**IMPORTANT NOTE:** To comply with the FCC RF exposure compliance requirements, no change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user’s authority to operate the device.

**WATCH IT**

[Scan QR code or visit http://bit.ly/2Cllv85.]
If you have any problems or questions, contact our U.S.-based Consumer Care at 1-800-654-8483, option 1, Monday–Friday, 7AM–8PM Central Time.

For the most up-to-date product support, accessories, electronic (PDF) format manuals and more, visit www.byjasco.com/support.

- No user-serviceable parts in this unit.

**WARNING**

RISK OF FIRE
RISK OF ELECTRICAL SHOCK
RISK OF BURNS

**CONTROLLING APPLIANCES CAUTION:**

- DO NOT EXCEED RATINGS
- DO NOT USE TO CONTROL ANY DEVICE WHERE UNINTENDED OPERATION COULD CAUSE UNSAFE CONDITIONS (HEAT LAMP, SUN LAMP, ETC.)
- DO NOT USE TO CONTROL RECEPTACLES
- FOR INDOOR USE ONLY

**WARRANTY**

Jasco Products Company warrants this product to be free from manufacturing defects five years from the original date of consumer purchase. This warranty is limited to the repair or replacement of this product only and does not extend to consequential or incidental damage to other products that may be used with this product. This warranty is in lieu of all other warranties, expressed or implied. Some states do not allow limitations on how long an implied warranty lasts or permit the exclusion or limitation of incidental or consequential damage, so the above limitations may not apply to you. This warranty gives you specific rights, and you may also have other rights which vary from state to state. Please contact our U.S.-based Consumer Care at 1-800-654-8483 (option 1) between 7AM – 8PM, M-F, Central Time or www.byjasco.com if the unit should prove defective within the warranty period.

**SPECIFICATIONS**

ZB4003

- **Power:** 120VAC, 60Hz
- **Signal (frequency):** 2.4GHz IEEE 802.15.4
- **Maximum loads:** 960W incandescent, 1/2HP motor or 1800W (15A) resistive
- **Range:** Up to 150ft. line of sight between the wireless controller and the closest Zigbee receiver module
- **Operating temperature:** 32-104° F (0-40° C)

For indoor use only.
Complies with FCC and Industry Canada regulations Use 14AWG or larger wires suitable for at least 80° C Specifications subject to change without notice due to continuing product improvement

**Purchase additional items at ezzigbee.com or visit your local retailer**

- In-Wall Smart Dimmers
- Plug-in Smart Dimmer
- In-Wall Add-on Switches
- In-Wall Smart Switches
- Plug-in Smart Switch
- In-Wall Tamper-Resistant Smart Outlet
- Plug-in Outdoor Smart Switch
Convert any smart control* to a multi-location switch

*For a list of compatible devices, visit ezzigbee.com

To purchase an add-on switch or for more details, visit ezaddonswitch.com.

Tools Needed

IMPORTANT!

The switch is designed only for use with permanently installed fixtures.

Getting to know your new Zigbee device

- Turn ON/OFF manually or remotely via the Zigbee controller.
- Can be included in multiple groups and scenes.
- May be used in single-pole installation or with up to four add-on switches (12723/46199) in multi-switch wiring configurations.
- Auto line/load detection.
- Interchangeable paddle switch — white & light almond paddle in package.
- Over-the-air updates — once joined to your Zigbee network, the smart switch can automatically receive updates through your Zigbee gateway.
- Uses a standard, rocker-style wallplate for single-gang installations (wallplate not included).
- Blue LED indicates smart switch location in a dark room (LED can be enabled/disabled manually).
- LED status indicator — indicates smart switch scanning during pairing process.
- Zigbee 3.0 certified for simple pairing and integrated home automation.
- Screw terminal installation — requires wiring connections for line (hot), load, neutral and ground. Traveler wire required for multi-switch installation.
- Energy monitoring — the smart switch can report wattage (W) and kilowatt hours (kWh). Energy usage is
monitored through the Zigbee controller interface.

Product Overview

1. **A.** Ground (Green/Bare)
2. **B.** Line or Load (Black)
3. **C.** Line or Load (Black)
4. **D.** Traveler (Red/Other)
5. **E.** Neutral (White)
6. **F.** Top rocker — Press to turn switch on
7. **G.** Bottom rocker — Press to turn switch off

Installation
WARNING — SHOCK HAZARD

Turn OFF the power to the branch circuit for the switch and lighting fixture at the service panel. All wiring connections must be made with the POWER OFF to avoid personal injury and/or damage to the switch. This device is intended for installation in accordance with the National Electric Code and local regulations in the United States or the Canadian Electrical Code and local regulations in Canada. If you are unsure or uncomfortable about performing this installation, consult a qualified electrician.

Multi-switch wiring
For 3-way installations, please refer to add-on switch (12723/46199) manual.

Single-switch wiring
Before installation, you may wish to change the paddle color to match your wallplate or décor.
Please proceed to section 5.

1. Shut off power to the circuit at circuit breaker or fuse box
   **IMPORTANT! Verify power is OFF to switch box before continuing.**

2. Remove wallplate.

3. Remove the switch mounting screws.

4. Carefully remove the switch from the switch box. DO NOT disconnect the wires.

5. There are up to five screw terminals on the switch; these are marked:
   - A. GROUND — Green/bare
   - B. LINE OR LOAD — Black (connected to power or lighting)
   - C. LINE OR LOAD — Black (connected to power or lighting)
   - D. TRAVELER — Red/other (only in 3-way installations)
   - E. NEUTRAL — White

   Match these screw terminals to the wires connected to the existing switch.

6. Disconnect the wires from the existing switch. Label wires according to the previous terminal connection.

Observe important wiring information

**IMPORTANT! This switch is rated for and intended to only be used with copper wire.**

Wire gauge requirements
Use 14AWG or larger wires suitable for at least 80° C for supplying line (hot), load, neutral, ground and traveler connections.

Wire strip length

1. For attachment using the enclosure’s holes, strip insulation 5/8in. (16mm).
   UL specifies the tightening torque for the screws is 14Kgf-cm (12lbf-in).
2. Connect the green or bare copper ground wire to the GROUND terminal.
3. Connect the black wire from the light to either LINE/LOAD terminal.
4. Connect the black wire from the electrical service panel (hot) to the other LINE/LOAD terminal.
5. Connect the white wire to the NEUTRAL terminal (use included jumper wire if needed).
   **Note:** The traveler terminal is only used for 3-way or 4-way wiring and should not be connected if the dimmer is
being installed in a 2-way system (one switch & one load).
6. Insert switch into the switch box being careful not to pinch or crush wires.
7. Switch must be independently mounted (vertical position only).
8. Secure the switch to the box using the supplied screws.
9. Mount the wallplate.
10. Reapply power to the circuit at fuse box or circuit breaker and test the system.

Basic operation
The connected light can be turned ON/OFF in two ways:

1. Manually from the front panel of the switch.
2. Remotely with a Zigbee controller.

Manual control
The front panel rocker switch allows the user to turn ON/OFF the connected fixture.

1. To turn the connected fixture ON, press the top of the rocker.
2. To turn the connected fixture OFF, press the bottom of the rocker

Cycle LED light
The LED below the switch acts as a guide light or status indicator.
How to cycle through options: Press up three times and down once quickly.

1. LED is ON when the load is OFF (guide light in the dark) (default)
2. LED is ON when the load is ON (indicates the switch is ON)
3. LED is always OFF

Zigbee network pairing

join the smart switch to the Zigbee network

1. From your Zigbee controller’s interface, choose to add lighting device and enter locating/pairing mode as instructed by the controller.
2. Restore power to the smart switch at the circuit breaker.
3. Network pairing begins automatically: LED status indicator blinks as the smart switch automatically scans for a compatible network controller.
4. After the smart switch is located and paired to the Zigbee network, the LED status indicator will stop blinking and the smart switch will appear in your controller’s menu.
5. The smart switch is paired to the Zigbee network and can be controlled remotely.

Note: LED status indicator stops blinking if a timeout occurs. Auto-scan mode will eventually time out if the smart switch has not joined a Zigbee network. Press and release the front panel rocker on the smart switch to restart pairing process following timeout.

If prompted by the controller to enter the install code, refer to the QR code label on the product. Enter the install code.

Example:

EUI: 00D6FFFECD6DD6
Install Code:
39F9-0CA3-09F2-4C6F8080-131B-6EE4-1E95-D22E
Changing paddle color

This step is optional. Before installation, you may want to change the color of the paddle to match your wallplate or décor.

1. Push side tabs in on one side and then the other to release paddle. Lift the cover up and off.
2. Simply put the new paddle onto the switch by inserting the side tabs and snapping securely into place.

Once this step is complete, return to section 3

Reset smart switch

(Remove from Zigbee network)

From the Zigbee controller

From your controller or hub interface, choose to remove or delete the smart switch as instructed. The smart switch will be removed from the Zigbee network following indication from your controller.

Manual

To manually reset and remove the smart switch from the Zigbee network, tap top of rocker (ON button) 10 times quickly.
The Enbrighten add-on switch is required for multi-switch installations.

Connecting the traveler terminal of this switch to a standard switch will cause damage or result in improper function. If this switch is part of a multi-switch installation, do not connect the traveler wire or apply power until add-on switches are correctly installed. For more information on multi-switch installations, view the manual with the add-on switch (12723/46199).

Documents / Resources

- [enbrighten In-Wall Smart Switch](https://example.com) [pdf] User Manual
- enbrighten, In-Wall, Smart, Switch, 43078, ZB4003

References

- J Support
- J Jasco
- 43076 43084: Enbrighten Zigbee In-Wall Smart Switch - YouTube
- Zigbee by Jasco
- J Add-On Switches

Related Manuals / Resources

- [In-Wall Smart Switch User Manual](https://example.com)
- [HORIZON E-flite AirPlane Ultimate 3D Instruction Manual](https://example.com)
  E-flite AirPlane Ultimate 3D Scan the QR code and select the Manuals and Support quick links from the…
- [BLADE Fusion 360 Smart Helicopter Instruction Manual](https://example.com)
  Fusion 360 Smart Helicopter Instruction Manual Bedienungsanleitung Manuel d'utilisation Manuale di Istruzioni REMARQUE La totalité des instructions, garanties…
HORIZON Jeep Wrangler JL 1/24 Scale Electric 4WD Ready to Run Instruction Manual

Jeep Wrangler JL 1/24 Scale Electric 4WD Ready to Run AXI00002V2T1/T2 INSTRUCTION MANUAL
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