

Installation Instructions

Single Pole (One location) or
3-Way (Multi-location)
SWITCH
20A-120/277V AC/CA

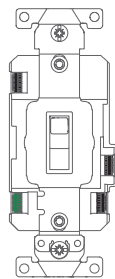
READ THESE INSTRUCTIONS
BEFORE INSTALLING

Cat. Nos. ECSB1, ECSB3,
E1221, and E1223

PK-A3513-10-00-0B-W



SAFER, FASTER, and EASIER



Leviton's Lever Edge Switch makes it safer, faster, and easier to install a new switch.

Colored levers easily identify where to connect each wire.

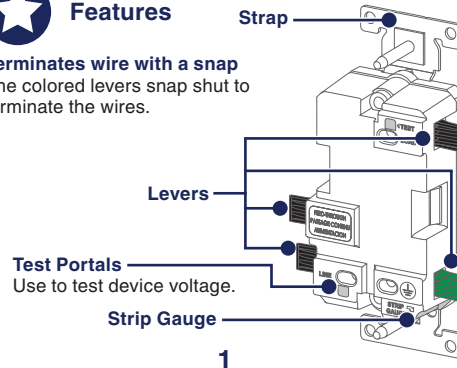
There are no exposed wires or metal parts after installation.

Built-in strip gauge.



Features

Terminates wire with a snap
The colored levers snap shut to terminate the wires.

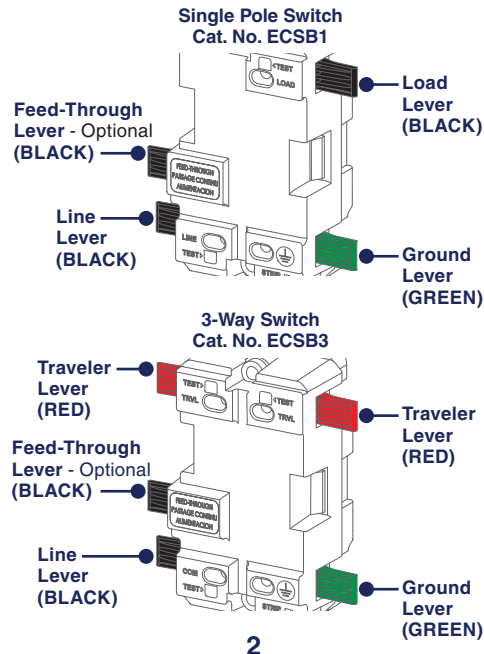


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Lever Edge Wiring Feature

The color-coded levers easily identify where to connect the wallbox wires to the switch.

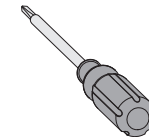


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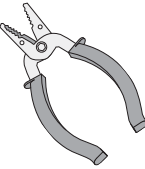


Recommended Tools

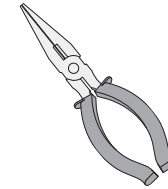
Slotted/Phillips/Robertson
Screwdriver



Wire Stripper



Needle Nose Pliers



Voltage Tester



3



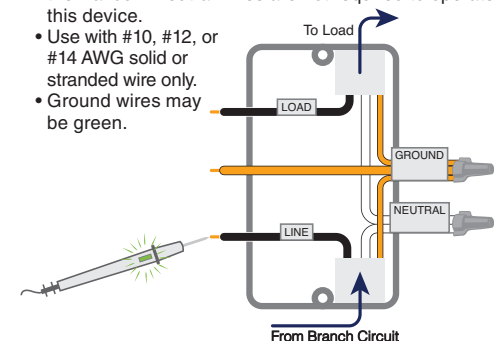
Identify Your Wires (Single Pole)

WARNING: TO AVOID FIRE, SHOCK, OR DEATH, TURN OFF POWER at circuit breaker or fuse and test that power is OFF before wiring!

1. Remove the wallplate and disconnect the existing switch.
2. Restore power. Carefully, test the wires with a voltage tester to find the Line (hot) wire.
3. **Turn OFF the power at the circuit breaker or fuse.**
4. Label the wires, as shown.

NOTES:

- **DO NOT** use copper-clad or aluminum wire in this device.
- Neutral wires are typically white, and may be found in the wallbox. Neutral wires are not required to operate this device.
- Use with #10, #12, or #14 AWG solid or stranded wire only.
- Ground wires may be green.



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If your wallbox looks different, contact an electrician.



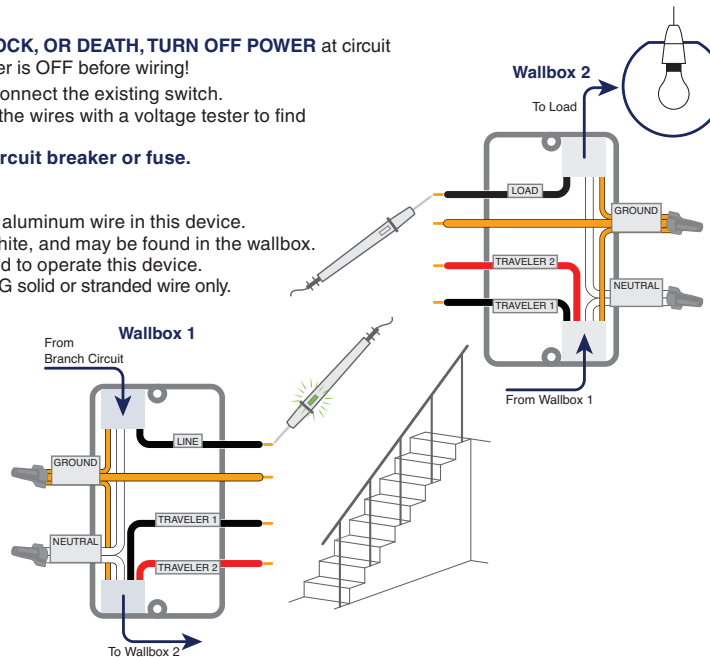
Identify Your Wires (3-Way)

WARNING: TO AVOID FIRE, SHOCK, OR DEATH, TURN OFF POWER at circuit breaker or fuse and test that power is OFF before wiring!

1. Remove the wallplate and disconnect the existing switch.
2. Restore power. Carefully, test the wires with a voltage tester to find the Line (hot) wire.
3. **Turn OFF the power at the circuit breaker or fuse.**
4. Label the wires, as shown.

NOTES:

- **DO NOT** use copper-clad or aluminum wire in this device.
- Neutral wires are typically white, and may be found in the wallbox. Neutral wires are not required to operate this device.
- Use with #10, #12, or #14 AWG solid or stranded wire only.
- Ground wires may be green.



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If your wallbox looks different, contact an electrician.



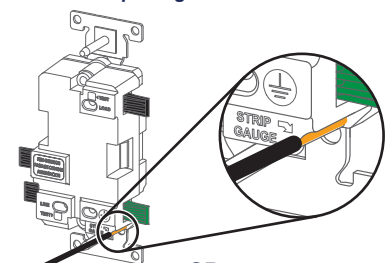
Preparing Wires

1. Make sure that the ends of the wires from the wallbox are straight (cut if necessary).



2. Strip each wire in the wallbox, as shown below.

Use Built-in
Strip Gauge on the Switch



OR
Use Strip Gauge
as shown below
(measure bare wire here)



17/32 in.
(1.35 cm)

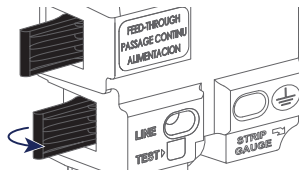
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Wiring

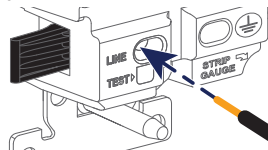
NOTE: Work on only one connection at a time.

1. Fully open lever.

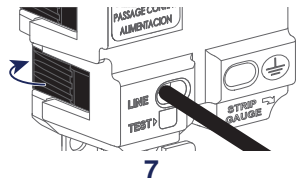


2. Insert the proper wire per lever color into the wire hole. Make sure the wire is fully inserted and no bare wire is exposed.

NOTE: If using stranded wire twist wire before insertion.



3. Fully close lever.

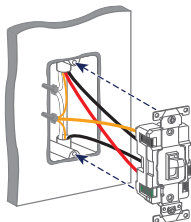


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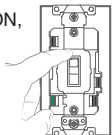
Test

1. Position all wires so that there is room in the wallbox for the device.
2. Partially screw the mounting screws into the wallbox's mounting holes.



3. Restore power at the circuit breaker or fuse.

4. Toggle the switch. If the Load turns ON, wiring is complete.



WARNING: Turn the power OFF at the breaker or fuse before you complete the installation.

5. Tighten the mounting screws into wallbox.
6. Install wallplate, and restore power.

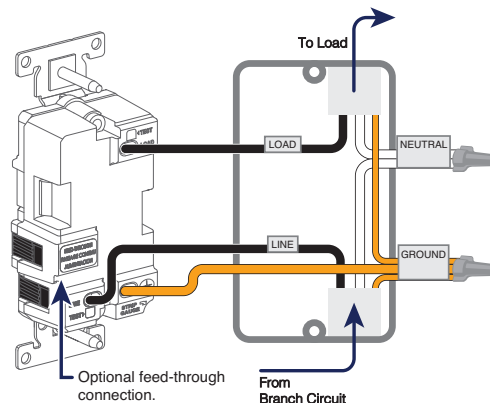
If you are unsure about the installation process, contact Leviton Technical Support, or contact an electrician.

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Wiring (continued)

4a. Single Pole Switch (Cat. No. ECSB1 or E1221) Connect the remaining wires as shown.



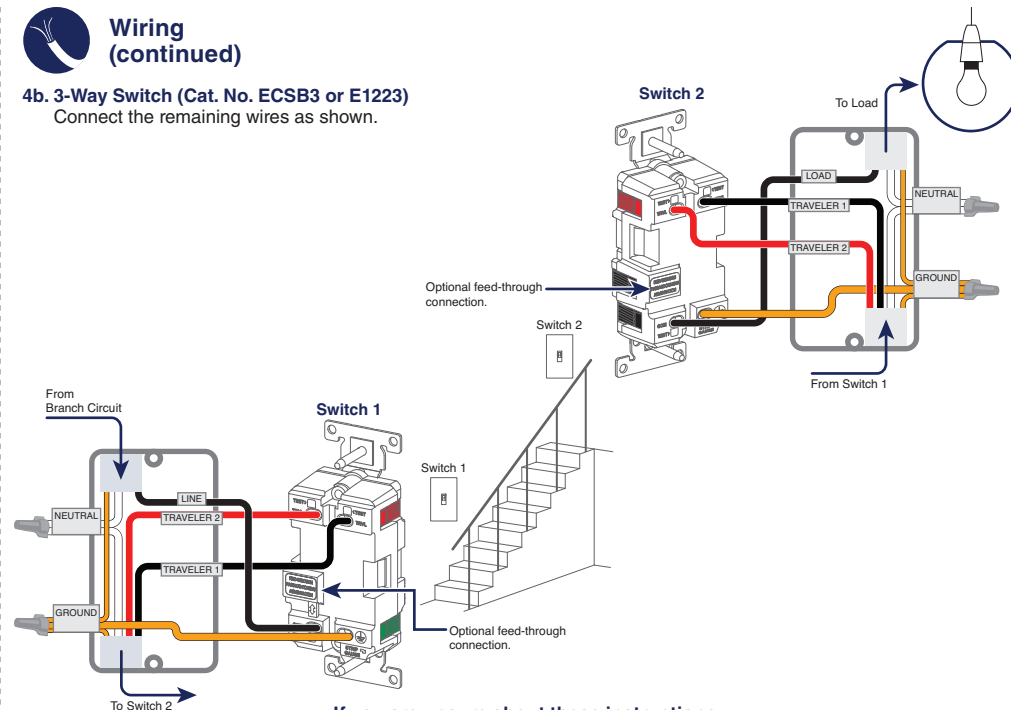
If you are unsure about these instructions, contact an electrician.

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Wiring (continued)

4b. 3-Way Switch (Cat. No. ECSB3 or E1223) Connect the remaining wires as shown.



If you are unsure about these instructions, contact an electrician.

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Limited 2 Year Warranty & Exclusions

PATENT STATEMENT

Patents covering this product, if any, can be found on Leviton.com/patents

For Leviton's limited product warranty, go to www.leviton.com. For a printed copy of the warranty, call 1-800-824-3005.

FOR CANADA ONLY

For warranty information and/or product returns, residents of Canada should contact Leviton in writing at **Leviton Manufacturing of Canada ULC** to the attention of the **Quality Assurance Department, 165 Hymus Blvd, Pointe-Claire (Quebec), Canada H9R 1E9** or by telephone at **1 800 405-5320**.

Visit leviton.com/support or contact Technical Services at 1-800-824-3005 for additional help.

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Safety First

WARNINGS:

- **TO AVOID FIRE SHOCK OR DEATH; TURN OFF POWER** at circuit breaker or fuse when servicing, installing or removing device.
- This product is to be installed and/or used in accordance with electrical codes and regulations.
- If you are unsure about any part of these instructions, consult an electrician.

CAUTIONS:

- Use this device with **solid or stranded copper wire only**.
- **DO NOT** use this device with copper-clad or aluminum wire.
- To avoid damage to the product, **DO NOT** use disinfecting products, including foggers, sprays or other types of atomized cleaning agents.
- **DO NOT** spray liquid onto the product.
- To clean, use a damp cloth with mild soap.
- Keep all levers in the closed position except when wiring the product.

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For Additional Assistance

Scan to learn more.



If you need help...



ONLINE
www.leviton.com/support



CHAT
www.leviton.com/contact



CALL
1-800-824-3005 (USA)
1-800-405-5320 (Canada)

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WEB VERSION