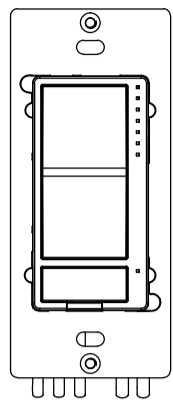


ZOOZ™
bright ideas

DOUBLE SWITCH
ZEN30 3.0



www.getzooz.com
ask@getzooz.com



FIRMWARE VERSION 3.10

FEATURES

- Manual or Z-Wave™ control of 2 separate loads (dimmer + relay)
- Perfect replacement for a fan / light combo (neutral wire required)
- Scene control for multi-tap scenarios on select hubs
- Quick and easy pigtail wire installation (single pole only)
- 4-color LED indicator and air-gap switch for added safety
- **NEW: 700 Z-Wave™ chip** with SmartStart S2 authenticated security
- Packed with advanced dimming features including ramp rate control, custom on brightness level, and double tap to full brightness
- Remembers and restores on/off status after power failure
- Built-in Z-Wave Plus™ signal repeater to extend network range

SPECIFICATIONS

- Model Number: ZEN30
- Z-Wave™ Signal Frequency: 908.42 MHz
- Power: 120 VAC, 60 Hz
- **Dimmer Max Load:** 75 W LED, 250 W incandescent; **DON'T use with tube lights, DC powered fixtures, or chandeliers**
- **Relay Max Load:** 15 A (1/2 HP)
- Operating Temperature: 32-104° F (0-40° C)
- Installation and Use: Indoor only

CAUTION

This is an electrical device - please use caution when installing and operating the switch. Remote control of appliances may result in unintentional or automated activation of power. Do not use this Z-Wave™ device to control electric heaters or other appliances which produce the risk of fire, burns, or electrical shock when unattended. To reduce risk of overheating and possible damage to other equipment, do not install the **dimmer** part to control a receptacle; a motor-operated appliance; a fluorescent lighting fixture; or a transformer-supplied fixture.

BEFORE YOU INSTALL

This switch is intended for installation in accordance with the National Electric Code and local regulations. It is recommended that a licensed electrician perform this installation.

WIRING: READ IT!

- 1. CHECK THE LOAD:** Lights only for dimmer (75W for LED's, 250W for incandescent), 15 A resistive load / 1/2 HP motor for relay
- 2. POWER OFF:** Turn the circuit power off in the breaker panel before you start. If installing in a multi-switch box with multiple circuits, turn power off at all of the circuits.
- 3. CHECK THE WIRES:** Mark load 1 (most often black), load 2 (most often black), line (most often black), neutral (most often white), and ground (most often bare). 14 AWG wires only! **Don't rely exclusively on color code or your multimeter to identify the wires!**

NOT SURE WHAT YOU'RE SEEING?
WE'LL HELP: SUPPORT.GETZOOZ.COM

- 4. REMOVE THE OLD SWITCH:** Disconnect the wires and label them.
- 5. CONNECT THE Z-WAVE™ SWITCH:** Use electrical pliers and the included wire nuts to connect pigtail wires with line, load, and neutral EXACTLY like in the appropriate diagram. **Always connect ground!**

WIRING TIPS

TAKE PICTURES

Before you disconnect any wires, document your set-up and send us images of your existing installation so we can help if needed.

GATHER YOUR TOOLS

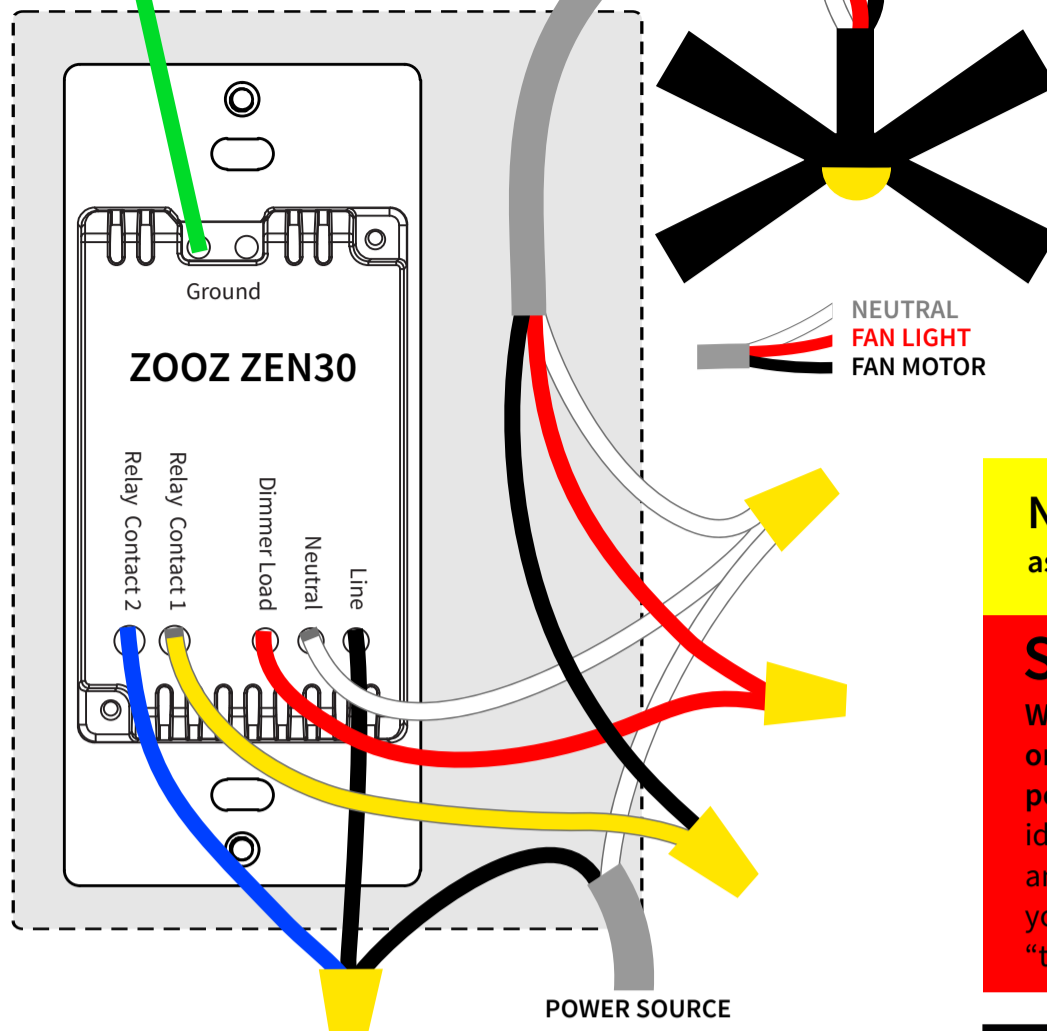
Use appropriate electrical tools when cutting, prepping, and stripping electrical wires. If you don't have the necessary tools to perform the installation or are not sure which tools to use or how, please hire an electrician to complete the installation for you.

SAFETY FIRST

Follow the National Electrical Code and your local safety regulations when performing the installation, including (but not limited to), separating low voltage and high voltage wires, grounding the switches, and capping any unused or exposed wires.

USE THIS DIAGRAM FOR BATHROOM EXHAUST FAN / LIGHT, CEILING FAN / LIGHT, OR VENTILATION FANS

ALWAYS CONNECT GROUND



ZOOZ ZEN30 FAN/LIGHT WIRING DIAGRAM

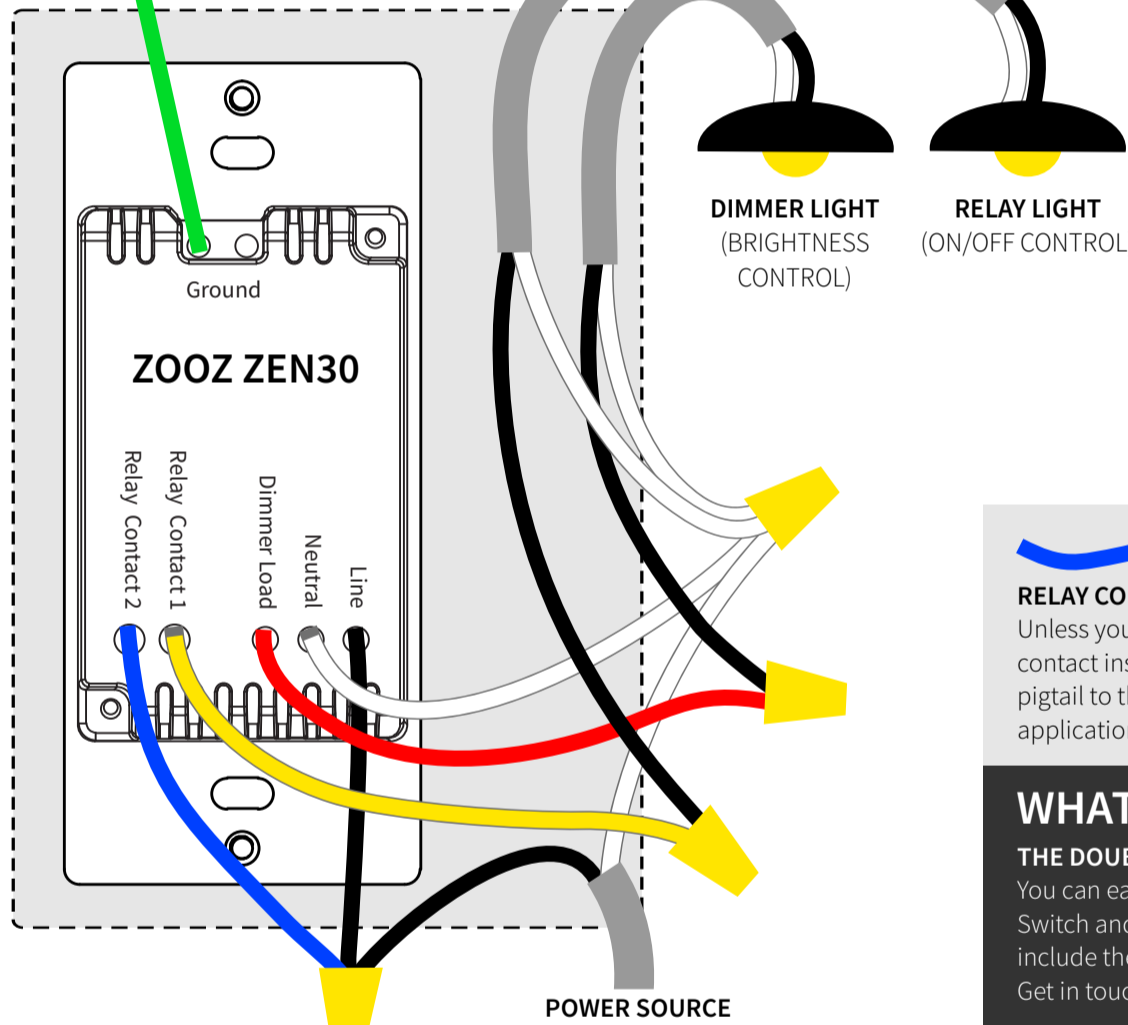
- 1. POWER OFF:** Cut power to circuits for all switches in the box.
- 2. PREP WIRES:** Strip at 1/2"-5/8" and straighten.
- 3. CONNECT:** Use electrical pliers to splice wires and wire nuts to cap them. Add electrical tape if needed. **Don't leave bare wires out.**
- 4. ARRANGE:** Carefully arrange wires in the box to make room for the switch.
- 5. COMPLETE:** Screw the switch to the electrical box and install the wall plate. Restore power and test the switch.

NEED HELP? Don't experiment!
ask@getzooz.com / www.support.getzooz.com

STOP!
Wire colors and romex layout are for illustration only. You should not follow the colors and positioning in the illustration blindly. Always identify all wires prior to installing Zooz switches and make sure you can match the diagrams to your set-up exactly. Don't experiment or attempt a "trial-and-error" installation for your own safety.

ZOOZ ZEN30 2 LOAD WIRING DIAGRAM

ALWAYS CONNECT GROUND



- 1. POWER OFF:** Cut power to circuits for all switches in the box.
- 2. PREP WIRES:** Strip at 1/2"-5/8" and straighten.
- 3. CONNECT:** Use electrical pliers to splice wires and wire nuts to cap them. Add electrical tape if needed. **Don't leave bare wires out.**
- 4. ARRANGE:** Carefully arrange wires in the box to make room for the switch.
- 5. COMPLETE:** Screw the switch to the electrical box and install the wall plate. Restore power and test the switch.

WHAT IS THIS?

RELAY CONTACT 2: Unless you're using the relay part of the Double Switch in a dry contact installation, always connect the blue Relay Contact 2 pigtail to the power source (line). Ask us about **dry contact** applications if you're not sure what we mean!

WHAT ABOUT 3-WAY?

THE DOUBLE SWITCH IS SINGLE POLE ONLY BUT: You can easily create a virtual 3-way or 4-way using the Double Switch and any other Zooz Z-Wave switch/dimmer. The benefits include the ability to dim and trigger scenes from all locations. Get in touch for detailed wiring and programming instructions!

ZOOZ ZEN30 NO LOAD WIRING DIAGRAM

- 1. POWER OFF:** Cut power to circuits for all switches in the box.
- 2. PREP WIRES:** Strip at 1/2"-5/8" and straighten.
- 3. CONNECT:** Use electrical pliers to splice wires and wire nuts to cap them. Add electrical tape if needed. **Don't leave bare wires out.**
- 4. ARRANGE:** Carefully arrange wires in the box to make room for the switch.
- 5. COMPLETE:** Screw the switch to the electrical box and install the wall plate. Restore power and test the switch.

USE WITH SMART BULBS!

DON'T CONNECT the switch directly to your smart bulb. Ask us for **custom wiring and programming instructions** for on/off and brightness control of your smart bulb!

DON'T SEE YOUR SET-UP?
Request custom instructions:
ask@getzooz.com

REMOTE CONTROL & SCENES
18 scenes available for custom multi-tap scenarios. Even if your hub doesn't support scenes, create simple "if... then..." rules for single taps on each button!

ALWAYS CONNECT GROUND

