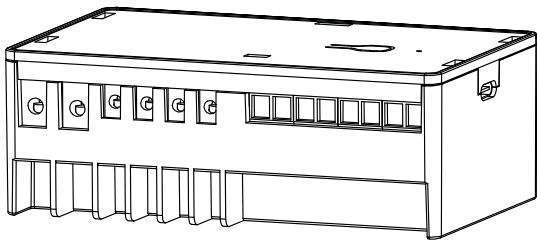


ZW11 MULTI-RELAY



FEATURES

- Powerful dry contact relays to control loads up to 15 A and 20 A
- Perfect for outdoor lighting
- Control up to 3 connected loads independently or together
- Z-Wave or optional wall switch control (toggle or momentary type)
- Built-in timers for each relay to simplify automation
- Remembers and restores on/off status after power failure
- Built-in Z-Wave Plus signal repeater to extend network range
- Powered by 12-24 V DC/AC or USB C port for easy set-up
- Wall mounting and minimal design for clean installation
- S2 security protocol and the latest 500 Z-Wave chip

SPECIFICATIONS

- Z-Wave Signal Frequency: 908.42 MHz
- Power: 12-24 V DC/AC or USB C
- **Maximum Load:** Relay 1: 15A, R2: 15A, R3: 20A
- Range: Up to 100 feet line of sight
- Operating Temperature: 32-104° F (0-40° C)
- Installation and Use: Indoor only

⚡ BEFORE YOU INSTALL

This device 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:** make sure that the connected appliance does not exceed 15 A for Relay 1 and Relay 2 or 20 A for Relay 3.
- 2. POWER OFF:** turn the circuit power off in the breaker panel before you start. If handling wiring from a box with multiple circuits, turn power off at all of the circuits.
- 3. REMOVE THE WALL SWITCH:** if the load is currently controlled by a wall switch, carefully remove it from the box and disconnect the wires from the switch.

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

Always use the correct screwdriver size for the terminal screws on your MultiRelay and wall switches (if connecting them). 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.



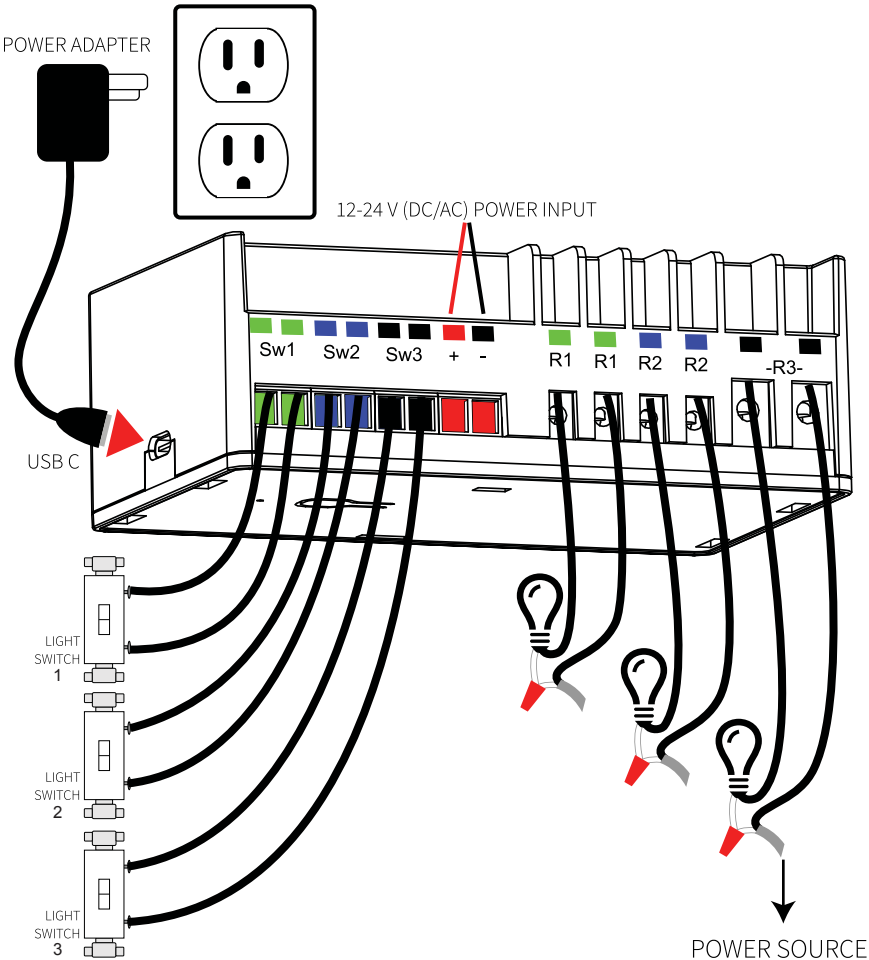
SAFETY FIRST

Follow the National Electrical Code and your local safety regulations when performing the installation, including (but not limited to), choosing the correct gauge of jumper wires. The recommended gauge for 15 Amp circuits is 14 AWG and 12 AWG for 20 Amp circuits.

HOW TO SECURE WIRES IN TERMINALS: first, unscrew the appropriate terminal's screw just far enough so there is a clear opening in the terminal for the wire to go in. Make sure the wire is stripped at the right length and perfectly straight before you insert it into the terminal. Once you put the wire in the terminal, carefully screw the terminal screw back in to hold down the wire. Check the connection by gently pulling on the connected wire to make sure it's fixed securely.

5. POWER THE MULTIRELAY: connect the USB C power source to the MultiRelay or use the "+" "-" terminals on the device to bring low voltage power to it. Make sure you check **polarity** on the **12-24 V** wires when using DC voltage before connecting them to the appropriate terminals. In both cases you'll need an appropriate power adapter to plug into a standard 120 VAC receptacle.

Wiring diagram



FCC

This device complies with part 15 of the FCC and Industry Canada license-exempt RSS standard(s). Operation is subjected 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.

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

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 that 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:

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.