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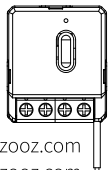
USER MANUAL

LV XS RELAY ZEN58 800LR

ZOOZ™
smart move



www.getzooz.com
ask@getzooz.com



REGISTER your device within 30 days for extended warranty and more perks: www.getzooz.com/register



FEATURES

- Manual or Z-Wave™ on/off control for low Voltage loads
- Great for automating garage doors and entry gates
- Monitors analog dry contact inputs like open / close sensors
- Installs behind your existing wall switch (single pole or 3-way)
- **Z-Wave™ Long Range** for a next-level wireless network
- Remembers and restores on/off status after power failure
- **800 series Z-Wave** and S2 SmartStart Security

SPECIFICATIONS

- Model Number: ZEN58 800LR
- Power: 9~40V AC/DC
- **Maximum Load:** 3A at 240 V
- Range: Up to 300 feet line of sight (up to 1300 feet with Z-Wave Long Range enabled, your hub needs to supports this feature)
- Operating Temperature: 32-104° F (0-40° C)
- Installation and Use: Indoor only
- Dimensions: 1.2" x 1" x 0.6"

⚠ CAUTION

This is an electrical device - please use caution when installing and operating the relay. 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 this unit to control a receptacle; a motor-operated appliance; a fluorescent lighting fixture; or a transformer-supplied fixture.

⚡ BEFORE YOU INSTALL

This relay 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:** don't exceed 3 A for resistive loads.
- 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. 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.
- 4. CONNECT THE Z-WAVE RELAY:** follow the instructions in the appropriate diagram for your set-up. If you can't find your scenario in the diagrams below, please request custom instructions from our support team, we're happy to help: ask@getzooz.com

📷 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 Z-Wave relay 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.

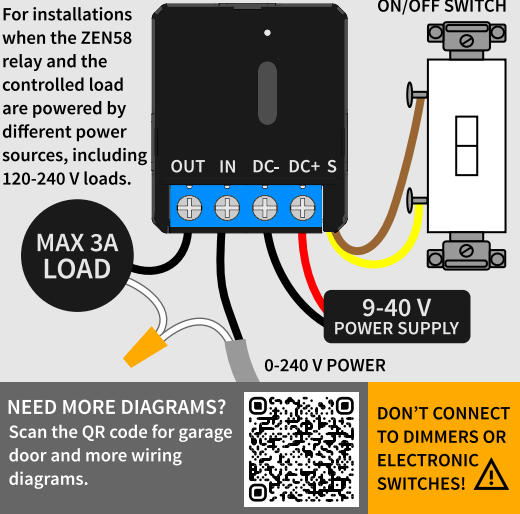
⚡ SAFETY FIRST

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.

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 RELAY:** use the "DC+" and "DC-" terminals on the device to bring low voltage power to it. This relay can only be powered by a 9~40V AC/DC power source. Make sure to follow polarity when using DC power.

ZEN58 WIRING DIAGRAM WITH SEPARATE POWER SOURCES



TEST THE RELAY

The LED indicator should start blinking green when you turn the power back on. Toggle the switch connected to the relay to check if the load changes state. **If the test fails, please check that:**

- power is fully restored to the circuit
- wiring matches the instructions **exactly**
- the load isn't too large, overheating the relay and shutting it off.

⚠ WARNING

- This product should be installed indoors upon completion of any building renovations.
- Prior to installation, the device should be stored in a dry, dust-and-mold-proof place.
- Do not install the relay in a place with direct sun exposure, high temperature, or humidity. Keep away from chemicals, water, and dust.
- Ensure the device is never close to any heat source or open flame to prevent fire.
- Ensure the device is connected to an electric power source that does not exceed the maximum load power.
- No part of the device may be replaced or repaired by the user.

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Z-WAVE CONTROL

There are 2 methods to ADD THE RELAY TO YOUR HUB:

SmartStart: use the hub UI / app to scan the SmartStart code on the device. See below for QR codes to hub-specific instructions. The SmartStart security PIN is located on the back of the relay under the SmartStart PIN. Simply power the device for SmartStart inclusion, it will be added automatically. You may need to enter the 5-digit PIN above the QR code. Do NOT press the Z-Wave button.

Manual inclusion: initiate inclusion (pairing) in the app or hub UI. Make sure the device is powered and finalize the inclusion at the relay: tap the Z-Wave button on the relay 3 times quickly.

The LED indicator will blink green to signal communication and turn green for 2 seconds if inclusion is successful or turn red for 2 seconds if the pairing attempt fails.

NEED SOME HELP? ask@getzooz.com

Choose your hub and scan the QR code with your phone's camera. Then click on the link to access the step-by-step pairing instructions. Get more at www.support.getzooz.com



Z-Box Hub



Home Assistant



SmartThings

TROUBLESHOOTING

The relay won't add to your system? Try this:

1. Initiate **EXCLUSION** and click the Z-Wave button 3 times quickly.
2. Click the Z-Wave button **4-5 times quickly** to add.
3. Bring the hub **closer** to the relay, it may be out of range.
4. Get more tips for your hub at www.support.getzooz.com

The relay won't control the load manually anymore? Try this:

1. Turn power off at the breaker and check if a wire didn't get loose.
2. Exclude the relay from the hub or **reset** it.
3. The load may be incompatible, double check the specs.

EXCLUSION (REMOVING / UNPAIRING DEVICE)

1. Bring your Z-Wave gateway (hub) close to the relay if possible
2. Put the Z-Wave hub into **exclusion mode**
3. Click the **Z-Wave button** on the relay **3 times quickly** (the LED indicator will start blinking green)
4. Your hub will confirm exclusion, the LED indicator on the relay will turn green for 2 seconds, and the device will be removed.

FACTORY RESET

If your primary controller is missing or inoperable, you may need to reset the device to factory settings. To reset the relay, **click the Z-Wave button once and immediately after, press and hold the button for 15 seconds**. The LED indicator will flash during the process and turn red for 3 seconds to confirm successful reset.

NOTE: All previously recorded activity and custom settings will be erased from the device's memory.

ADVANCED SETTINGS

Here is a selection of settings available to customize your relay. **Scan the QR code for a full list of parameters** and look below for how to access them on your hub.

- **Timer** to automatically turn the relay on or off after a set period of time
- **Smart Bulb Mode** (disable the relay)
- Analog input / switch type
- On/off status after **power failure**



Choose your hub and scan the QR code with your phone's camera. Then click on the link to learn how to access and change the advanced settings for the relay on your hub.



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ASSOCIATION

This relay supports Group 1 with up to 5 devices for Lifeline Group communication, Group 2 with up to 5 devices, and Group 3 for up to 5 devices. This device will send BASIC REPORT and SWITCH BINARY REPORT to Group 1 and BASIC SET command to group 2 and group 3 (for EP2) when the status changes.

You can set direct association to have the relay control another Z-Wave device independently of the hub by using Group 2 or Group 3 (for EP2 if parameter 5 is set to value 10). Not every hub exposes direct association settings in the interface so please check with your system provider for details or contact our support for help.



This product can be included and operated in any Z-Wave network with other Z-Wave certified devices from other manufacturers and/or other applications. All non-battery operated nodes within the network will act as repeaters regardless of vendor to increase reliability of the network.

This product features the latest Security 2 (S2) framework to remove smart home network hacking risks. This device is equipped with a unique authentication code for trusted wireless communication.

WARRANTY

This product is covered under a 12-month limited warranty and a 5-year extended warranty once registered. To read the full warranty policy or file a warranty claim, please go to www.getzooz.com/warranty

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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. STORE INDOORS WHEN NOT IN USE. SUITABLE FOR DRY LOCATIONS ONLY. DO NOT IMMERSE IN WATER. NOT FOR USE WHERE DIRECTLY EXPOSED TO WATER. This device complies with Part 15 of the FCC Rules. Operation is subject to the following conditions:

1. This device may not cause harmful interference,
2. This device must accept any interference received, including interference that may cause undesired operation.

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 according to instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in any given installation. If this equipment causes harmful interference to radio or television reception, the user may try to correct the interference by taking one or more of the following measures:

- Reorient or relocate receiving antenna
- Increase the separation between equipment and receiver
- Connect equipment into a separate outlet or circuit from receiver
- Consult the dealer or an experienced radio/TV technician for additional assistance

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. The distance between user and products should be no less than 20cm.

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