Wiring instructions - A Few Quick Reminders

A quick note before we give out the wiring schematics. Please do not try installing this device if you are unsure of how electric circuits operate within your home. As exciting as it is to have a smart switch installed, it can be dangerous and even life-threatening if you do not install it correctly. Please consult a qualified electrician if necessary. With that said, here are a few other warnings we'd like to point out for your safety.

Pre-installation preparation
(1) Tools You Will Need

SPECIFICATIONS

ZW32 In-Wall Smart Outlet

Outlet * 1
Manual * 1
Cover * 1
Screw * 2
Neutral Wire * 1

Z-Wave Internet

The Internet of Things offers tremendous promise to consumers by enabling remote control and management of an ever-growing variety of connected devices—from home security systems to energy management, appliances and lighting, and home monitoring, just to name a few categories.

Analysts predict that billions of devices will be connected to the Internet of Things in the coming years. One key consideration is how all of these devices will be integrated and controlled, and common standards are key to enabling simple, straight-forward installation and management of devices in the connected home.

The Z-Wave protocol is an interoperable, wireless, RF-based communications technology designed specifically for control, monitoring and status reading applications in residential and light commercial environments. Mature, proven and broadly deployed (with over 100 million products sold worldwide), Z-Wave is by far the world market leader in wireless control, bringing a highly reliable and easy-to-use 'smart' products to many millions of people in every aspect of daily life.

INTRODUCTION

The EVA LOGIK ZW32 is a Z-Wave enabled 16A receptacle designed for use for most residential lighting and motor applications. It's compact size with LED, halogen, incandescent, xenon, fluorescent and compact fluorescent bulbs. The ZW32 fully works with the Fibaro, Smartthings, Wink hub as well as all other certified Z-Wave controllers.

ZW32 In-Wall Smart Outlet

Meet your new smart outlet!

IMPORTANT!

Appliances controlled by Z-Wave in-wall smart sockets must not exceed 16A.

Single Outlet wiring
(1) Shut off power to the circuit at circuit breaker or fuse box.

IMPORTANT!

Verify power is OFF to gang box before continuing.

All wiring connections must be made with the POWER OFF to avoid personal injury and/or damage to the outlet.

Pre-installation preparation

(1) Tools You Will Need

SPECIFICATIONS

ZW32

Power: 120V AC, 60Hz
Signal Frequency: 903.82 MHz
Load Incandescent: 16A
Range: Min 30m/100 ft (line of sight)
Dimensions: 3.15" x 1.75" x 2" (80 x 57 x 34 mm)
Operating Temperature Range: 32°-104°F (0°C-40°C)
Approval: UL, FCC, C-UL, Z-Wave Plus Certified
UL: E646831
FCC: 0X-ZW32
IC: 10460A-ZW32
For indoor use.

Z-Wave Network Operation

Adding your device to a Z-wave network

1. Follow the instructions for your Z-wave certified controller to include a device to the Z-wave network.
2. Once the controller is ready to include your device, triple press the front button to include it to the network.
3. Once your controller has confirmed that the device has been included, refresh the Z-Wave network to optimize performance.

Removing and resetting from Z-wave network

1. Follow the instructions for your Z-wave certified controller to exclude a device from the Z-Wave network.
2. Once the controller is ready to Exclude your device, triple press the front button to exclude it from the network.

To return your outlet to factory defaults

Hold on learn button 10s restore to factory setting.

Note: This should only be used in the event your network’s primary controller is missing or otherwise inoperable.
Command Class Information

<table>
<thead>
<tr>
<th>Command Class</th>
<th>Information</th>
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<tr>
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<tr>
<td>7A</td>
<td>COMMAND_CLASS_FIRMWARE_UPDATE_MD</td>
</tr>
</tbody>
</table>

Parameter Settings

1. restores state after power failure
   Parameter=02, Sizer=1
   Value=02 output=off
   Value=01 output=on
   Value=02 remember the state after power failure(default)

2. indicate LED
   Parameter=03, Sizer=1
   Value=01 On when switch is on
   Value=02 When switch is on
   Value=02 Always Off
   Value=03 Always On

3. Timer "--- Range: (0-99999)"
   Parameter=05, Sizer=2, Value=xx (0=0 default)

Association

Support 2 group each group max support 5 devices
Group 1: LineSelect
Group 2: Relay on/off send basic set

Special Settings

- Tap 1ox on Button (A) Change LED Status
- Tap 2x on Button (A) Invert Switch

FCC / IC

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

- 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 of more of the following measures:

Imported 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.

WARNING - SHOCK HAZARD

TURN OFF THE POWER to the circuit for the switch and lighting fixture at the service panel(circuitbreaker) prior to installation.

ALL WIRING CONNECTIONS MUST BE MADE WITH THE POWER OFF to avoid personal injury and/or damage to the switch.

OTHER WARNINGS

- Risk of Fire
- Risk of Electrical Shock
- Risk of Burns

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