EVA LOGIK™

ZW303 Paddle On/Off Switch Manual

Federal Communications Commission (FCC) Statement

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. 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.

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 caus 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: 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.This equipment should be installed and operated with minimum distance 20cm between the radiator and your body

IC Caution:

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

DECLARATION DE CONFORMITE D'INDUSTRIE CANADA

Ce périphérique a été testé et reconnu conforme aux limites spécifiées dans RSS-210.

Son utilisation est soumise aux deux conditions suivantes :

(1) il ne doit pas provoquer d'interférences gênantes et

(2) il doit tolérer les interférences re.ues, notamment cellessusceptibles d'en perturber le fonctionnement.

ZW303 Paddle On/Off Switch

WARRANTY

Show Home Products warrants this product to be free from manufacturing defects for a period of two years from the original date of consumer purchase. This warranty is limited to the repair or replacement of this product only and does not extend to consequential or incidental damage to other products that may be used with this product.

This warranty is in lieu of all other warranties, expressed or implied. Some states do not allow limitations on how long an implied warranty lasts or permit the exclusion or limitation of incidental or consequential damage, so the above limitations may not apply to you.

This warranty gives you specific rights, and you may also have other rights which vary from state to state. if the unit should prove defective within the warranty period.

SPECIFICATIONS

Model:ZW303
Power: 120 VAC, 60 Hz.
Signal (Frequency): 908.42 MHZ.
Maximum load for outlet 8A, 600W Resistive
Maximum load for the Z-Wave controlled outlet:
600W Incandescent, ½ HP Motor or 1200W Resistive
Range: Up to 100 feet line of sight between the Wireless Controller and the closest Z-Wave receiver module.
Operating Temperature Range: 32-104° F (0-40° C)
For Ourdoor use
Specifications subject to change without notice
due to continuing product improvement

Website:www.ishowlights.com

WARNING

RISK OF FIRE

RISK OF ELECTRICAL SHOCK

RISK OF BURNS

CONTROLLING APPLIANCES:

EXERCISE EXTREME CAUTION WHEN USING Z-WAVE DEVICES TO CONTROL APPLIANCES. OPERATION OF THE Z-WAVE DEVICE MAY BE IN A DIFFERENT ROOM THAN THE CONTROLLED APPLIANCE, ALSO ANUNINTENTIONAL ACTIVATION MAY OCCUR IF THE WRONG BUTTON ON THE REMOTE IS PRESSED. Z-WAVE DEVICES MAY AUTOMATICALLY BE POWERED ON DUE TO TIMED EVENT PROGRAMMING. DEPENDING UPON THE APPLIANCE, THESE UNATTENDED OR UNINTENTIONAL OPERATIONS COULD POSSIBLY RESULT IN A HAZARDOUS CONDITION. FOR THESE REASONS, WE RECOMMEND DO NOT RETURN THIS PRODUCT TO THE STORE THE FOLLOWING:

DO NOT USE Z-WAVE DEVICES TO CONTROL ELECTRIC HEATERS OR ANY OTHER APPLIANCES WHICH MAY PRESENT A HAZARDOUS CONDITION DUE TO UNATTENDED OR UNINTENTIONAL OR AUTOMATIC POWER ON CONTROL.

Introduction:

The ZW303 is a Z-Wave enabled device and is fully compatible with any Z-Wave Plus enabled network.

Each module is designed to act as a repeater,which will re-transmit a radio frequency (RF) signal by routing the signal around obstacles and radio dead spots to ensure that the signal is received at its intended destination.
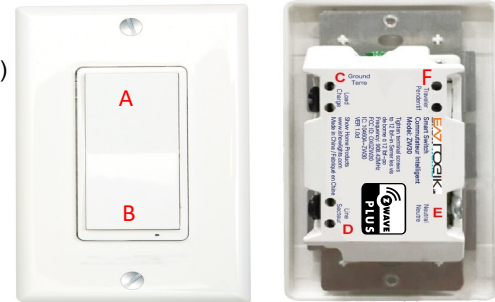
ZW303 is a security enabled Z-Wave plus device. A security Enabled Z-Wave Plus Controller must be used in order to fully utilize the product.
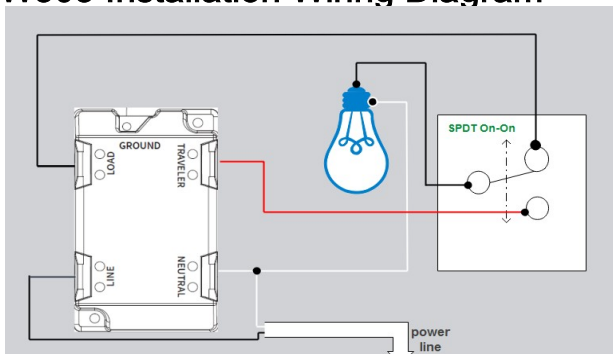
Kev Features:

---Remote ON/OFF control via the Z-Wave controller

---Manual ON/OFF control with the front panel push button

---Support Association Group and Auto Report switch status

---Support firmware upgrades via Over-the-air (need Gateways support)

Product Overview:

A. Up Push button
B. Down Push button
C. Load1 (Black)
D. Lin (Black) - Line in
E. Nin (White) - Nutral in
F. Load2 (Black)

ZW303 Installation Wiring Diagram

Key function description

Function 1:   Press the up or down button to turn the output ON or OFF

Function 2:   Press the up or down button three times quickly to ADD and REMOVE

Function 3:   Press the up or down button six times quickly to change Status LED Configuration

Function 4:   Press and hold the up or down button for 10 seconds to restore the device to the factory

Z-Wave Remote Control

ADD or Remove the ZW303 from the existing Z-Wave home control network with your primary controller.

---Refer to your primary controller instructions to process the inclusion / exclusion setup procedure.

---When prompted by your primary controller, click the Up or Down button three times in one second.

Include ZW303 to/from a Z-Wave Gateway with supporting Security.The ZW303 can support the Primary Controller that implemented the security S2

Notice: Including a node ID allocated by Z-WaveTM Controller means "Add" or "Inclusion". Excluding a node ID allocated by Z-WaveTM Controller means "Remove" or "Exclusion".

z-wave protocol Command Class Node Info

COMMAND_CLASS_ZWAVEPLUS_INFO,
COMMAND_CLASS_VERSION,
COMMAND_CLASS_MANUFACTURER_SPECIFIC,
COMMAND_CLASS_DEVICE_RESET_LOCALLY,
COMMAND_CLASS_ASSOCIATION,
COMMAND_CLASS_ASSOCIATION_GRP_INFO,
COMMAND_CLASS_POWERLEVEL,
COMMAND_CLASS_SWITCH_BINARY,
COMMAND_CLASS_CONFIGURATION
COMMAND_CLASS_MULTI_CHANNEL_ASSOCIATION_V2,
COMMAND_CLASS_TRANSPORT_SERVICE_V2,
COMMAND_CLASS_SECURITY_2,
COMMAND_CLASS_SUPERVISION

The Below listed Command Class are all supported the Security S2

COMMAND_CLASS_VERSION,
COMMAND_CLASS_MANUFACTURER_SPECIFIC,
COMMAND_CLASS_DEVICE_RESET_LOCALLY,
COMMAND_CLASS_ASSOCIATION,
COMMAND_CLASS_ASSOCIATION_GRP_INFO,
COMMAND_CLASS_POWERLEVEL,
COMMAND_CLASS_SWITCH_BINARY,
COMMAND_CLASS_CONFIGURATION,
COMMAND_CLASS_MULTI_CHANNEL_ASSOCIATION_V2
COMMAND_CLASS_SUPERVISION

Z-Wave Configuration Parameters

You may use the below configuration parameters to change settings of the corresponding functionality.

1: Locally Button function

    Paramter No: 1(0x01)   Size:1 Byte   Value: 00(default) Up Button ON,Down Button OFF

                                       Value: 01   Up Button OFF,Down Button ON

2 : Status LED Configuration

    Paramter No: 2(0x02)   Size:1 Byte   Value: 00(default) Output ON,Led OFF.

                                       Value: 01   OutputOFF,Led ON.

                                       Value: 02   Always OFF

                                       Value: 03   Always ON

3 : Count Down Configuration(Turn off the output by time)

    Paramter No: 3(0x03)   Size:2 Byte   Value: xx xx Turn off Output

      Value Scope :0----36000S (default:00 00 no timer)

4 : Association Setting Parameter

    Paramter No: 4(0x04)   Size:1 Byte   Value: 00   None   Value: 01   Local(Defaul)

                                       Value: 02   3-way   Value: 03   3-way&Local

                                       Value: 04   z-wave hub   Value: 05   z-wave hub&Local

                                       Value: 06   z-wave hub&3-way   Value: 07   z-wave hub&Local&3-way

                                       Value: 08   Timer   Value: 09   Timer&Local

                                       Value: 10   Timer&3-way   Value: 11   Timer&3-way&Local

                                       Value: 12   Timer&z-wave hub   Value: 13   Timer&z-wave hub&Local

                                       Value: 14   Timer&z-wave hub&3-way Value: 15   All

5 : Restores state after power failure

    Paramter No: 5(0x05)   Size:1 Byte   Value: 00   Output OFF.

                                       Value: 01   Output ON.

                                       Value: 02 (default)   The state before a power outage.

Support for Association Groups

ZW97 supports 3 association groups. A maximum of 5 node ID's (nonmulti-channel devices) can be assigned to these association groups.

Association group_1:Z-Wave Plus Lifeline

    Association group_1 is default to associate with the primary controller (Gateway/Hub/Controller) for ZW303 Status change report,

        1. ZW303 will trigger AUTO report function if the Switch status had been changed.

        2. When ZW303 high temperature alarm sends out notifications or releases notifications, ZW303 will auto report

Association group_2:basic set command

  When the output of the ZW303 is changed, On (0xFF) or Off (0x00). The ZW303 will automatically send out a related basic set

    command. On (0xFF) or Off (0x00) to its associated group.

Restoring Factory Defaults

ZW303 is removed from the network and will be restored to the factory setting

All Configuration Parameters values and Association information will be restored to factory default settings and excluded from the network.

Remark : All the setting and data will be permanently deleted.

Please use this procedure only when the network primary controller is missing or otherwise inoperable.