Z-Wave Slim Door/Window Sensor Open-Close

FCC

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 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:

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 license-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.

WARRANTY

This 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.

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.

Specifications

ITEM	INFORMATION
Model	84142/ZWN6313
Power Supply	CR2450(3V) 1PC
Signal(Frequency)	908.42/912/916/920MHz
Range	Up to 100 feet line of sight between the Wireless Controller and the closest Z-Wave®receiver module.
Operating Temperature Range	5-104° F (-10-40° C)

- Specifications subject to change without notice due to continuing product improvement

Introduction

This product can be operated in any Z-Wave network with other Z-Wave Plus®certified devices from other manufacturers. This product is a Multipurpose Sensor, it have door/window sensor and Temperature Humidity sensor.

This product is a battery power ,It's sleep most of the time.

ZWN6313 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.
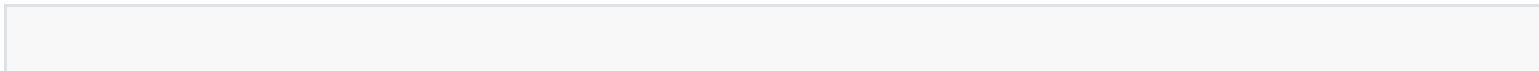
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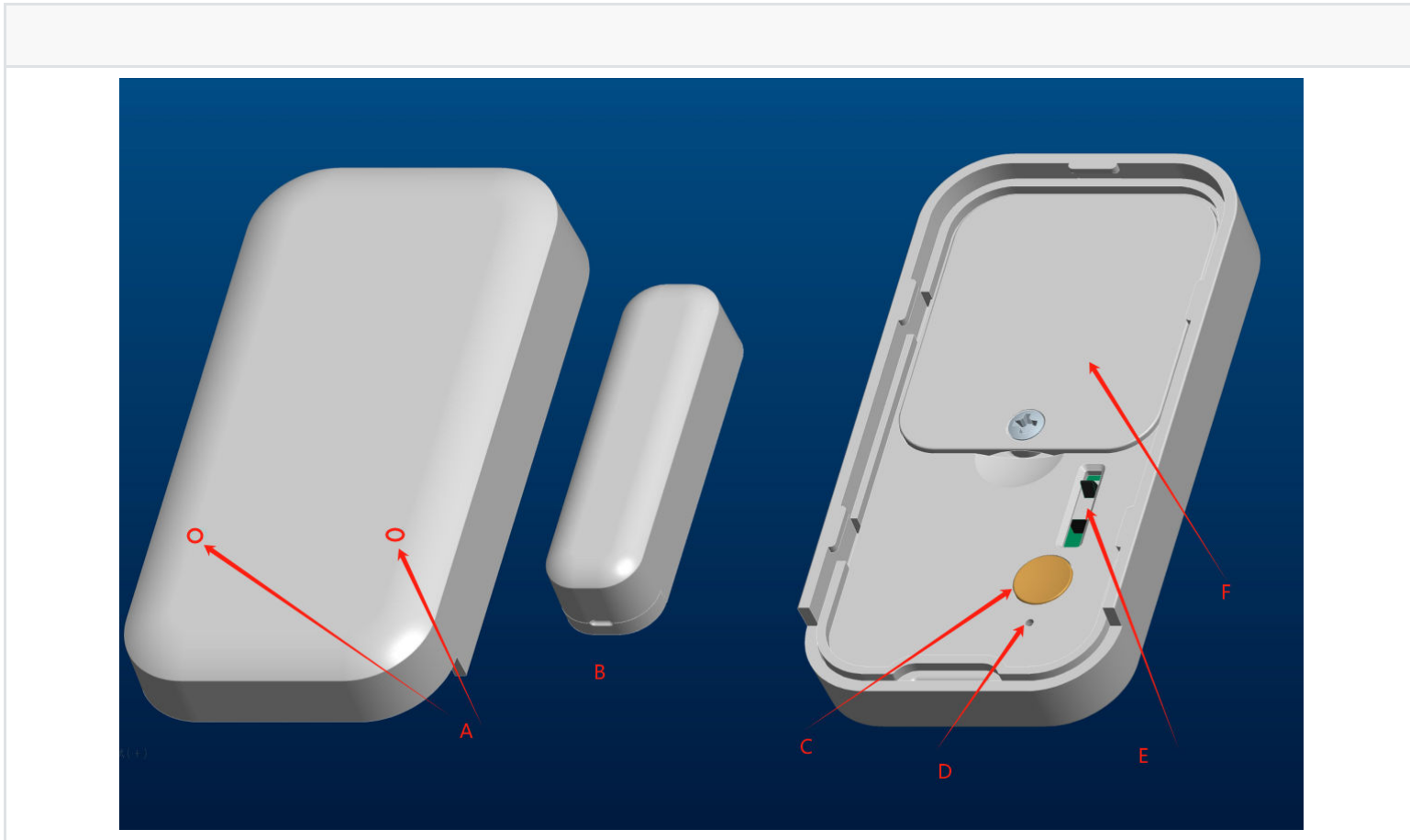- SPECIFIC_TYPE: SPECIFIC_TYPE_NOTIFICATION_SENSOR

Key Features

- Checks and sends the status of the gate.
- Support Association Group.
- Support firmware upgrades via Over-the-air (need Gateways support)
- Support Smart Start
- Support Long Range

Product Overview

- A.   Magnet detection point

- B.   The magnet

- C.   Z-Wave program button

- D.   LED Instructions

- E.   Tamper Switch

- F.   Battery :CR2450 DC:3V

Button Function Description

- **Add/Included** into network or **Remove/Exclusion** from network:

  Tap the Z-Wave program button once

- **Wake-up** the device:

  Quickly press Z-Wave program button 3 times:

- **Factory Reset**:

  Tap Z-Wave program button 2 times and then press and hold the button for 10 seconds while device flashes red. Green will flash 2 times indicating successful reset.

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

Adding Your Device To Hub

- The device support two methods of inclusion, When using a Z-Wave Plus®certified controller choose Network Wide Inclusion or Smart Start.

- Network Wide Inclusion To A Z-Wave®Network
  - Refer to your primary controller instructions to process the inclusion / exclusion setup procedure.
  - When prompted by your primary controller, click the z-wave button three times in one second.
- The device is compatible with SmartStart.

  Smart Start enabled products can be added into a Z-Wave®network by scanning the Z-Wave QR Code found on the top of the outlet or the back of the box with a controller providing Smart Start inclusion. No further action is required and the Smart Start product will be added automatically within 10 minutes of being switched on and in the network vicinity.

  Z-Wave Long Range device can only support be included via Smart Start. Extract the DSK from end device and paste it into the DSK Value in PC Controller, make sure the Long Range' option is ticked.

QR Code and DSK

- The QR code are stocked to the side of the case, DSK is included in the QR code.
- The DSK code can be found on the DSK label which is attached on the packaging box.

PACKAGE	DEVICE

Command Class

Command Class Name	Version	Required Security Class
Z-Wave Plus Info	V2	none
Security 2	V1	none
Supervision	V1	none
Transport Service	V2	none
Association	V2	highest granted
Multi Channel Association	V3	highest granted
Association Group Information	V3	highest granted
Configuration	V4	highest granted
Version	V3	highest granted

Command Class Name	Version	Required Security Class
Manufacturer Specific	V2	highest granted
Device Reset Locally	V1	highest granted
Power Level	V1	highest granted
Firmware Update Meta Data	V5	highest granted
Battery	V1	highest granted
Indicator	V3	highest granted
Notification	V8	highest granted
Wake Up	V2	highest granted

Basic Set Mapping

- Basic CC does not map to any Command Class.

Indicator Command Class

- The indicator (blue color) will flashes according the indicator set command received from HUB.

Indicator ID	Property ID
0x50 (NODE IDENTIFY)	0x03(ON OFF PERIOD)
0x50 (NODE IDENTIFY)	0x04(ON OFF CYCLES)
0x50 (NODE IDENTIFY)	0x05(ONE TIME ON OFF PERIOD)

Association Group

ID	Name	Node Count	Profile	Function

ID	Name	Node Count	Profile	Function
1	Lifeline	5	General: Lifeline	**Device Reset Locally Notification** **Battery Report:** **Notification Report** **Indicator Report**
2	Basic Set	5	Notification: Home Security	**Basic Set:** When Magnet is away or near send basic set 0x00 or 0xff

Configuration Parameters

Number	Name	Information	Format / Size	Read Only	Altering	Advanced	MIN	MAX	Default
1	Reverse Open/Closed Status	Defines state of the sensor when the magnet closes the reed.	1 byte unsigned integer	NO	NO	NO	0	1	1
2	Open Status Report Delay	Delay in seconds to issue Door Open command report.	4 bytes unsigned integer	NO	NO	NO	0	3600	0
3	Closed Status Report Delay	Delay in seconds to issue Door Closed command report.	4 bytes unsigned integer	NO	NO	NO	0	3600	0
4	LED Behavior	LED behavior when open/closed status changes.	1 byte unsigned integer	NO	NO	NO	0	1	1
31	Low Battery Alert	Battery level at which low battery status is issued.	1 byte unsigned integer	NO	NO	NO	5	30	10
32	Percent Change Battery Report Interval	Percent change required to trigger battery report.	1 byte unsigned integer	NO	NO	NO	5	30	5
33	Battery Report Interval Minutes	Time interval in minutes between battery reports.	2 bytes unsigned integer	NO	NO	NO	5	1440	1440
84	Reset Factory Defaults	Set 1 to reset device to factory defaults.	1 byte unsigned integer	NO	NO	NO	0	1	0

Notification

Type	Events	Description
Access Control(0x06)	0x16(Window/Door is open)	Open status
Access Control(0x06)	0x17(Window/Door is closed)	Close status
Home Security(0x07)	0x03(Tamper covering removed)	Taper open