ZOOZ™
bright ideas
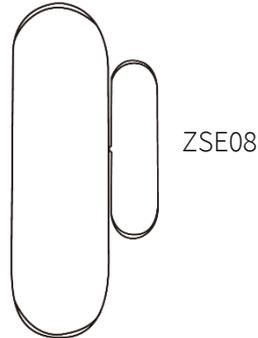
Z-WAVE CONTACT SENSOR

ZSE08

Z-Wave Plus Certified Device

WELL DONE!
You have picked the finest solution for your smart home, congratulations!
Now it's time to enjoy these great features of your new Contact Sensor:
- Reliable open/close detection for doors, windows, cabinets, and drawers
- Wireless notifications and event triggers (when included to a Z-Wave gateway controller)
- Scene inclusion for custom automation scenarios when included to a Z-Wave gateway controller
- Low battery alerts
- Z-Wave Plus with improved 500 chip for faster and safer wireless communication
- Discreet compact design

SPECIFICATIONS
Model Number: ZSE08
Z-Wave Signal Frequency: 908.42 MHz
Power: 1 CR2 battery (included)
Power Consumption: 0.13W
Operating Temperature: 32 – 104 F
Range: Up to 100 feet line of sight
Installation and Use: Indoor only
Dimensions: 2 ¾" x ¾"
Weight: ½ oz

Z-WAVE COMMAND CLASSES
This device requires the following command classes to be supported and recognized by your Z-Wave controller:
COMMAND_CLASS_ZWAVEPLUS_INFO (V2)
COMMAND_CLASS_VERSION (V2)

COMMAND_CLASS_MANUFACTURER_SPECIFIC (V2)
COMMAND_CLASS_DEVICE_RESET_LOCALLY (V1)
COMMAND_CLASS_POWERLEVEL (V1)
COMMAND_CLASS_BATTERY (V1)
COMMAND_CLASS_ASSOCIATION (V2)
COMMAND_CLASS_ASSOCIATION_GRP_INFO (V1)
COMMAND_CLASS_WAKE_UP (V2)
COMMAND_CLASS_NOTIFICATION (V4)
    NOTIFICATION_REPORT
    NOTIFICATION_TYPE_ACCESS_CONTROL
    NOTIFICATION_EVENT_ACCESS_CONTROL_WINDOW_OR_DOOR_IS_OPENED
    NOTIFICATION_EVENT_ACCESS_CONTROL_WINDOW_OR_DOOR_IS_CLOSED
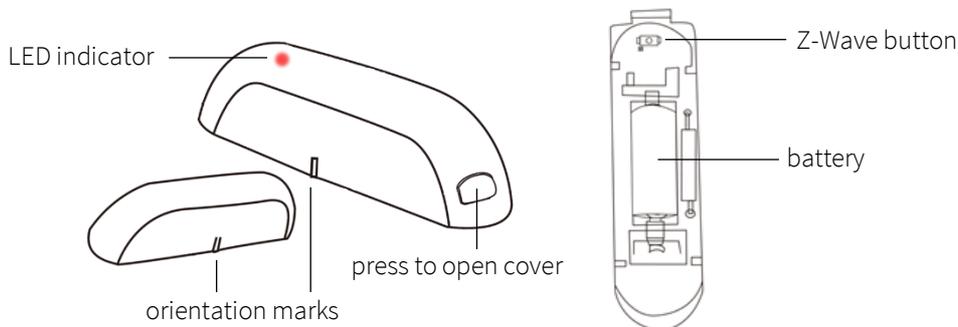COMMAND_CLASS_SENSOR_BINARY (V2)
COMMAND_CLASS_CONFIGURATION (V1)

BEFORE YOU RETURN IT
Let us know if you are having any issues installing or operating the device.
Our fast and friendly tech support is here to help, every day of the year: **ask@getzooz.com**
Get more helpful tips at **getzooz.com**

INSTALLATION

WAIT!
Include the open/close sensor to your Z-Wave network before mounting it.

LED indicator · press to open cover · orientation marks · Z-Wave button · battery

Z-WAVE INCLUSION

1. Bring the Contact Sensor within direct range of your controller
2. Carefully remove the cover from your Contact Sensor
3. Remove the plastic pull-tab from the battery slot. The LED indicator will blink slowly
4. Put your Z-Wave controller into inclusion mode
5. Press and release the Z-Wave button on the Contact Sensor 3 TIMES quickly. The LED indicator will flash quickly
6. A new open/close (door/window) sensor will appear on your controller's device list

Troubleshooting Tips
If you are unable to include the Z-Wave Contact Sensor to your controller, please try one of the following:

- Bring the Contact Sensor closer to your Z-Wave controller or use a hand-held secondary controller to perform inclusion
- Once in inclusion mode, press and release the Z-Wave button quickly 6-7 TIMES to ensure the command has gone through
- Put your controller into EXCLUSION mode. Press and release the Z-Wave button quickly 3 TIMES, and then try adding it to your network again

Z-WAVE EXCLUSION
1. Make sure the Contact Sensor is powered on and located within direct range of your Z-Wave gateway controller
2. Put your Z-Wave controller into exclusion mode
3. Press and release the Z-Wave button 3 TIMES quickly. The LED indicator will flash quickly
4. The Contact Sensor should disappear from your controller's device list

If the first attempt is unsuccessful, please repeat the process following all steps carefully.

FACTORY RESET
When your network's primary controller is missing or otherwise inoperable, you may need to reset the device to factory settings manually. To complete the process, make sure the Contact Sensor is powered on, then PRESS AND HOLD the Z-Wave button for AT LEAST 10 SECONDS until the LED indicator flashes ONCE. Release the button. NOTE: All previously recorded activity and custom settings will be erased from the device's memory.

WAKE-UP MODE
If you change settings and parameters for the sensor, you may need to wake it up manually for the changes to be recorded. Press and release the Z-Wave button ONCE to wake the device up. The LED indicator will flash ONCE.
The sensor's wake-up interval is set to 12 hours by default to save battery life. Though not recommended, you can change the wake-up interval using your controller's advanced settings if available. Minimum value: 300s (5 minutes), maximum value: 16,777,200s (around 194 days). Accepted values need to match minute intervals, so 300, 360, 420, etc.

ASSOCIATION
Depending on your Z-Wave gateway's home automation software capabilities, you may be able to associate your Contact Sensor in groups with other Z-Wave devices to schedule scenes and create events.
This Contact Sensor supports the following association groups with up to five devices per group:
Group 1 for lifeline communication of open / closed status to Z-Wave controller. Supported command classes:
NOTIFICATION_REPORT
BATTERY_REPORT
SENSOR_BINARY_REPORT
DEVICE_RESET_LOCALLY_NOTIFICATION

Group 2 for control command communication to associated Z-Wave devices in the network. Use parameter 1 and parameter 2 to configure this group's settings. Supported command classes:
BASIC_SET

Group 3 for notifications to Z-Wave devices associated in this group. Supported command classes:
NOTIFICATION_REPORT

Group 4 for notifications to Z-Wave devices associated in this group. Supported command classes:
SENSOR_BINARY_REPORT

Please refer to your controller's user guide for advanced programming instructions as they are a little different for every software.

ADVANCED SETTINGS
If your controller's software allows for advanced configuration and parameter adjustment, you will be able to change and save the settings below and customize the Contact Sensor's performance to serve your needs.

Trigger Delay
Parameter 1: Set the delay time for turning associated devices OFF based on status change of your Contact Sensor. The number entered as the value corresponds to the number of seconds. So if 0 is entered by default, the Contact Sensor will report status change and trigger an associated device to turn off instantly, without any delay. If you change this setting to 10, the sensor will only trigger the associated device after 10 seconds the status change is reported - if your door or window is closed, the light will not go off for another 10 seconds.
Values: 1 – 65536 (seconds). 0 (seconds) – default setting.
Size: 2 byte dec.

Trigger Action
Parameter 2: You can choose if your Contact Sensor turns an associated device on or off when sending the basic set command. Use value 0 to turn the associated device OFF and value 255 to turn it ON. Adjust brightness level for a Z-Wave dimmer (Multilevel switch) by putting in any value between 1 and 99.
Values: 0 – OFF; 1 – 99 (% of light); 255 – ON (default).
Size: 1 byte dec.

How to read the LED indicator?
Slow blink = Contact Sensor is powered on and NOT included to Z-Wave network
Fast blink = Contact Sensor is in inclusion mode
Fast flash = Contact Sensor is powered on and included to Z-Wave network
Single flash = Contact Sensor indicates status change (door opened or closed); sensor indicates successful factory reset
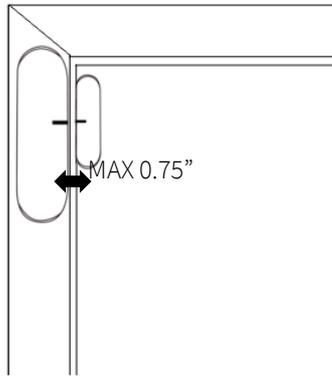
MOUNTING
There are 2 ways to mount the Contact Sensor on your door or window frame:

1. Use the supplied screws to mount the sensor to door / window frame (recommended) and the magnet to the moving part of your door / window.

OR

2. Use supplied adhesive tape to mount the sensor to door / window frame and the magnet to the moving part of your door / window.

NOTE: Make sure the orientation marks are facing each other and the gap between sensor and magnet does NOT exceed 0.75" when the device is in the closed position.

<u>WARNING</u>
- 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 Contact Sensor 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, except for battery change

<u>Z-WAVE PLUS CERTIFIED</u>
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.

<u>WARRANTY</u>
This Limited Warranty applies to physical goods, and only for physical goods, purchased from Zooz (the "Physical Goods").

What does this limited warranty cover?
This Limited Warranty covers any defects in material or workmanship under normal use according to instructions from the User Manual during the Warranty Period. Warranty coverage applies to purchases made from authorized dealers only. See full list of Zooz distributors here: getzooz.com/buy
During the Warranty Period, Zooz will repair or replace, at no charge, products or parts of a product that prove defective because of improper material or workmanship, under normal use and recommended maintenance. Zooz does not assume the cost of return shipping for warranty service.

How long does the coverage last?

The Warranty Period for Physical Goods purchased from Zooz is 12 months from the date you purchased this product.

What does this limited warranty not cover?

This Limited Warranty does not cover any problem that is caused by:
- conditions, malfunctions or damage not resulting from defects in material or workmanship
- improper handling or installation of the product
The warranty does not cover purchases from unauthorized dealers or second-hand sources.
The warranty does not cover return shipping cost for warranty service.

What do you have to do?

To obtain warranty service, please contact us to determine the problem and offer a quick solution for you: warranty@getzooz.com
You may also get in touch with the reseller of the product directly to return or replace the product within 30 days of purchase or within applicable reseller's returns period.

IN NO EVENT SHALL ZOOZ OR ITS SUBSIDIARIES AND AFFILIATES BE LIABLE FOR ANY INDIRECT, INCIDENTAL, PUNITIVE, SPECIAL, OR CONSEQUENTIAL DAMAGES, OR DAMAGES FOR LOSS OF PROFITS, REVENUE, OR USE INCURRED BY CUSTOMER OR ANY THIRD PARTY, WHETHER IN AN ACTION IN CONTRACT, OR OTHERWISE EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. ZOOZ'S LIABILITY AND CUSTOMER'S EXCLUSIVE REMEDY FOR ANY CAUSE OF ACTION ARISING IN CONNECTION WITH THIS AGREEMENT OR THE SALE OR USE OF THE PRODUCTS, WHETHER BASED ON NEGLIGENCE, STRICT LIABILITY, BREACH OF WARRANTY, BREACH OF AGREEMENT, OR EQUITABLE PRINCIPLES, IS EXPRESSLY LIMITED TO, AT ZOOZ'S OPTION, REPLACEMENT OF, OR REPAYMENT OF THE PURCHASE PRICE FOR THAT PORTION OF PRODUCTS WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. ALL CLAIMS OF ANY KIND ARISING IN CONNECTION WITH THIS AGREEMENT OR THE SALE OR USE OF PRODUCTS SHALL BE DEEMED WAIVED UNLESS MADE IN WRITING WITHIN THIRTY (30) DAYS FROM ZOOZ'S DELIVERY, OR THE DATE FIXED FOR DELIVERY IN THE EVENT OF NONDELIVERY.

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