HORUS



USER MANUAL

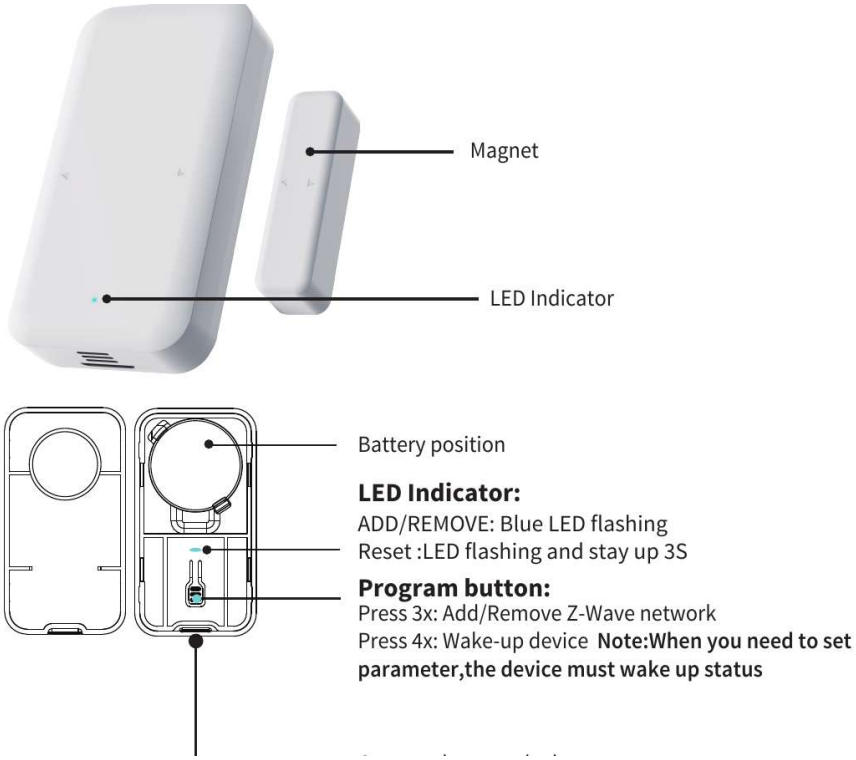
Door and Window Sensor

ZWS711 (model HSC-ZWS711)

Installation and operation | Rev. 1.0 | October 2026

About this product

The HSC-ZWS711 is a battery-powered Z-Wave magnetic contact sensor. It tells the Z-Wave controller when a door, window, or drawer opens or closes.



Safety instructions

- Use indoors in dry locations only.
- Install the battery with the correct polarity (+ and -).
- Keep the battery away from children. Dispose of used batteries per local regulations.
- Do not disassemble, repair, or modify the device.

Specifications

Sensor type	Magnetic reed contact with separate magnet
Battery	1 x CR2450 lithium
Wireless protocol	Z-Wave, 908.42 MHz (US), S2 security, SmartStart
Wake-up interval	12 hours (default), adjustable from the controller
Operating temperature	32 to 104 °F (0 to 40 °C)
Installation	Adhesive tape, or tape and screws
Use	Indoor use in dry locations only
Dimensions	**[TBC: confirm sensor and magnet dimensions]**

Installation

1. Open the cover and install the CR2450 battery. Make sure the polarity is correct.
2. Add the sensor to the Z-Wave network before you install it (refer to the next section).
3. Clean the mounting surfaces. Attach the sensor to the frame and the magnet to the door or window with the adhesive tape, or with tape and screws.
4. Align the magnet with the marks on the side of the sensor. Keep the gap small when the door is closed.
5. Open and close the door. Make sure that the controller shows the correct state.

Program button and LED

Action	Result
Click 3 times	Add or remove the sensor (Z-Wave network)
Click 4 times	Wake up the sensor. The LED stays on for 1 second
Blue LED flashes	Add or remove in progress
LED flashes, then stays on for 3 s	Factory reset

Add the sensor to a Z-Wave network

SmartStart (QR code)

If your controller supports SmartStart, scan the QR code with the controller app. The DSK code is on the packaging and inside the case. The sensor joins the network automatically when you install the battery.

Manual inclusion

1. Set the Z-Wave controller to inclusion (add) mode.
2. Click the program button 3 times quickly.

Remove the sensor from a Z-Wave network

1. Set the Z-Wave controller to exclusion (remove) mode.
2. Click the program button 3 times quickly.

Wake-up

To save the battery, the sensor wakes up every 12 hours (default). You can change the wake-up interval in the advanced settings of the controller.

Wake up the sensor manually (click the button 4 times) when:

- The sensor did not fully configure during setup (values do not show or errors appear in the controller).
- You change a parameter and the sensor must receive the new value.

Configuration parameters

Wake up the sensor before you send a parameter change.

No.	Function	Size	Description	Default	Range
1	Indicator on/off	1	LED behavior when the door opens. 0: Off. 1: On	1	0-1

No.	Function	Size	Description	Default	Range
3	Battery report threshold	1	Battery level change that starts a report, in %	10	1-50
4	Low battery alarm threshold	1	Battery level for the low battery report, in %	20	1-50
5	Sensor state	1	State of the sensor when the magnet closes the reed contact. 0 or 1	0	0-1
6	Door open report delay	4	Delay in seconds before the door open report	0	0-3600
7	Door close report delay	4	Delay in seconds before the door close report	0	0-3600

Association groups

Group	Max nodes	Command class	Trigger
1 (Lifeline)	5	Lifeline reports to the controller	State, battery, and reset events
2	5	Basic Set	Door or window opens or closes

Command classes

Command class	Version	Required security class
Z-Wave Plus Info	V2	None
Security 2	V2	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
Manufacturer Specific	V2	Highest granted
Device Reset Locally	V1	Highest granted
Powerlevel	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

Restore factory settings

1. Click the button 2 times quickly. On the third press, push and hold the button for approximately 10 seconds while the LED flashes.

2. When the LED stays on, click the button 2 times quickly.
3. The LED flashes 3 times to confirm the reset.

> **NOTE**
> Use this procedure only when the primary controller is missing or does not operate.

Regulatory information

FCC ID: [TBC: confirm FCC ID printed on the product label]

FCC Part 15.19 statement

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.

FCC Part 15.21 statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Part 15.105(b) statement

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.

Industry Canada

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.

RF exposure

To comply with FCC RF exposure requirements, do not change the antenna or the device. Changes can cause the device to exceed the RF exposure limits and void the user's authority to operate the device.

Limited warranty

Horus Automation warrants this product to be free from defects in material and workmanship under normal and proper use for one (1) year from the date of original purchase. During this period, Horus Automation will repair or replace, at its option, any part that is defective because of materials or workmanship.

This limited warranty does not cover damage that results from improper installation, accident, abuse, misuse, natural disaster, insufficient or excessive electrical supply, abnormal mechanical or environmental conditions, or unauthorized disassembly, repair, or modification.

This limited warranty does not apply if: (i) the product was not used in accordance with these instructions, (ii) the product was not used for its intended function, (iii) the identification label was altered, obliterated, or removed, or (iv) the product was sold second-hand.

Support

For installation and technical support, contact your authorized Horus distributor or dealer.

Web: www.horusautomation.com | Email: sales@horusautomation.com

Specifications can change without notice.