

Home Automation

- HSM02 Mini Door, Window Contact Detector

Z-Wave Series



EVERSPRING®

Specification Sheet

Features

- Adopt Z-Wave protocol to secure the success of wireless two-way communication
- Small in size
- With Tamperproof protection
- Easy to install
- Low battery indication
- Z-Wave V5.02
- Z-Wave Certified No. ZC08-11090007(EU)
- Auto report the open/close status and battery status
- Very low power consumption
- Certifications:

EN300220+EN301489-1/-3
EN60950-1
Part 15B+C
NCC PL0002 Based on FCC



Introduction

The Mini Door/Window contact detector consists of two parts; a Detector and a Magnet. They are designed to be fitted to doors or windows with the Magnet mounted on the opening part and the Detector mounted on the fixed frame. Opening the protected door/window will remove the magnetic field, trigger the Detector and generate an alarm condition, (if the system is armed).

The Door/Window Detector is a Z-Wave enabled device and is fully compatible with any Z-Wave enabled network.

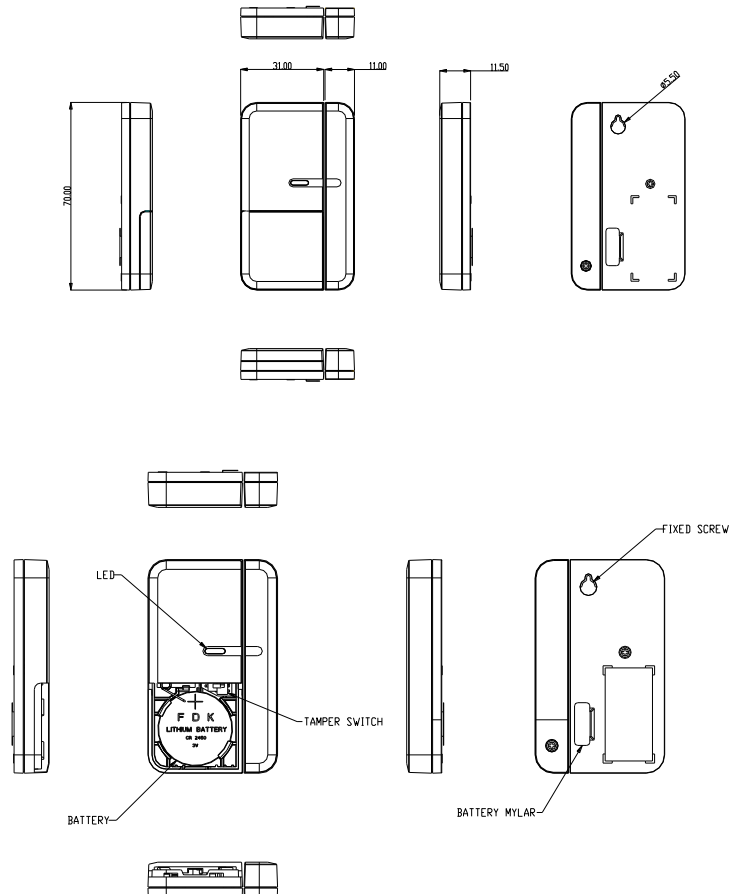
Specification

Power	Operating Voltage	3V CR2450
	Standby current	5 uA
	Operating current	30mA
	Low battery voltage	2.88V
RF	Frequency	868.42 MHz (EU)
	Regulation	FCC part15.249 / EN300 220-1/
	Distance	180M open space, Minimum 30 m line of sight
Mechanical	weight	23.6 g (without battery)
	Dimension (W x H x D)	31x70x11.5 mm
Battery	CR2450	620mAh
	Battery life	3.15 years @condition 1 0.42 year @condition 2
Environment	Operation Temperature	-10 ~ 40° C
	Humidity	85%RH max
Hardware	Magnetic gap(Open→Close)	30 mm
	Magnetic gap(Close→Open)	35 mm

Condition 1. At normal connect situation and trigger 10 times per day (every trigger means close to open or open to close)

Condition 2. At normal connect situation and trigger 260 times per day (every trigger means close to open or open to close)

****Specifications are subject to change without notice**

Dimension and Placement**Unit: mm****Application:**

Home Automation
Home Security

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