

HSM02 Mini Door/Window Contact Detector



Z-Wave series



Features

- Adopt Z-Wave protocol to secure the success of wireless two way communication
- Very small size
- With Tamperproof protection
- Easy install
- Low battery indication
- Auto report the open/close status and battery status
- Very low power consumption (3years battery life)
- FCC part15.249 / EN300 220-1/ certification



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 Standby current Operating current Low battery voltage	3V CR2450 4 uA 25mA 2.7V
RF	Frequency Regulation Distance	908.42(USA)/868.42 (EU) /921.42(AU)MHz FCC part15.249 / EN300 220-1/ 180M open space
Mechanical	weight Dimension (W x H x D)	23.6 g (without battery) 31x70x11.5 mm
Battery	CR2450 Battery life	620mAh 3 years @condition 1 1 years @condition 2
Environment	Operation Temperature Humidity	-10 ~ 40° C 85%RH max
Hardware	Magnetic gap(Open→Close) Magnetic gap(Close→Open)	20 mm 35 mm

Condition 1. At normal connect situation and trigger 14 times per day (every trigger means close to open or open to close)

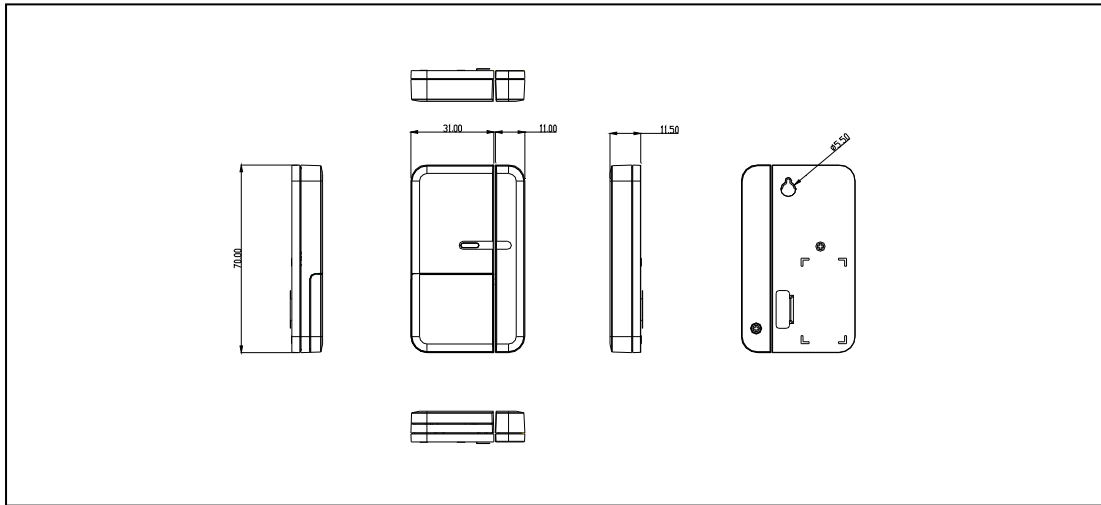
Condition 2. At normal connect situation and trigger 260 times per day (every trigger means close to open or open to close)

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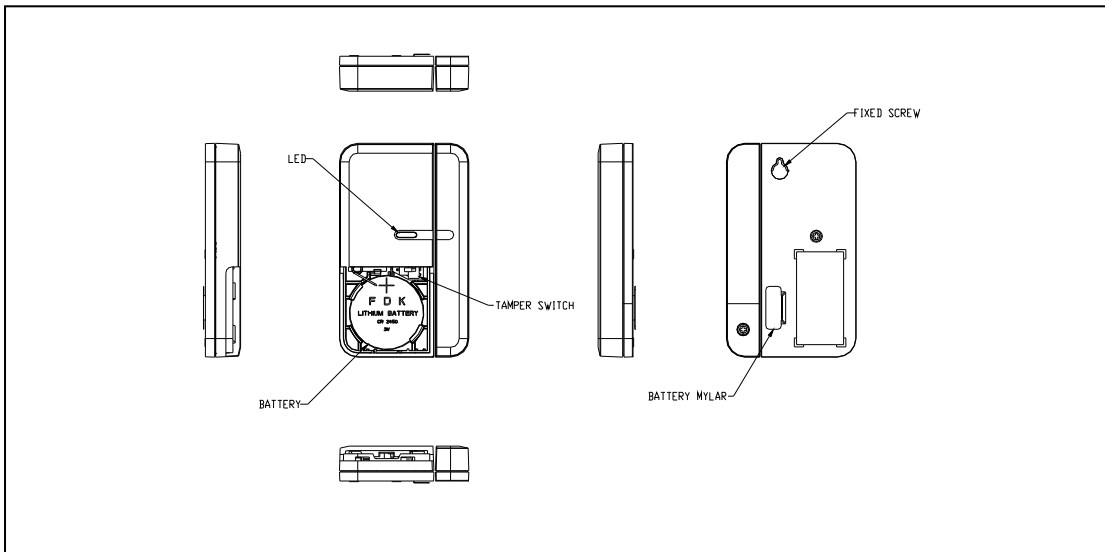
Chromagic Technologies Corporation

Dimension

unit:mm



Placement



Application:

Home Security
Home Automation