Wireless Door/Window Contact

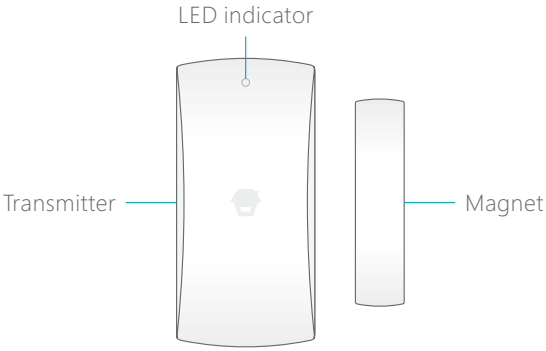
DWC-102

User Manual

Introduction

The DWC-102 is a Door/Window Contact that can be installed on doors, windows, and any other objects that open and close.
The sensor transmits signals to the control panel when a magnet mounted near the sensor is moved away. It will also transmit alert signal to the control panel in case of low battery.
External input for wired accessory is available at the N/C interface.
The tamper protection ensures that sabotage attempts to move the contact will result in an alarm activation.

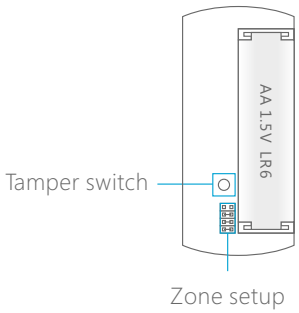
Product Overview



Specifications

Power supply	DC 3V (AAA 1.5V LR03 Battery x 2 pc)		
Static current	≤ 23uA	Alarm current	≤ 40mA
Transmitting distance	≤80m (in open area)		
Radio frequency	433.92MHz		
Housing material	ABS plastic		
Operating temperature	0°C~+50°C		
Relative humidity	≤80% (non-condensing)		
Transmitter dimensions (LxWxH)	107 x 54 x 14.5mm		
Magnet dimensions (LxWxH)	49 x 19.4 x 9.6mm		

PCB Layout



NOTE: Tamper will be triggered no matter the door/window contact is armed or disarmed.

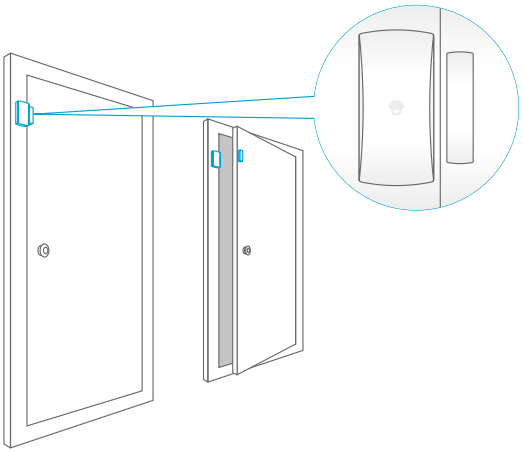
LED Indication

LED flashes once: Door/window is opened and transmitter sends signal to the control panel.

Flash once per 3 seconds: Low power indication, please change battery as soon as possible. (User will get alert SMS about the low battery if the door contact is connected to the GSM alarm system.)

Installation & Notice

- Open the case and remove the battery activation strip.
- Mount the sensor on the door frame and the magnet on the door.
- Make sure the magnet is on the right side of the transmitter
- Place the transmitter in the desired location, mount the magnet no more than 1cm away from the transmitter and secure the transmitter and magnet with double-sided tapes or screws.
- Avoid mounting sensors in areas with a large quantity of metal or electrical wiring, such as a furnace or utility room.



FCC STATEMENT

1. 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.
2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment..

Ver: DWC-102-EN-1405-V5.0