

Wireless magnetic door contact user manual

1. Introduction

It is mainly used in alarm systems, installing generally installed on the edge of the door or window. Once the door or window is opened, the magnetic Sensor will immediately send a wireless alert signal to the host. This signal containing address and situation information can make the host identify the location and position of the alarm source.

2. Features

The product uses SMD production process and has high stability crystal frequency stabilization, low-power applications IC, with high reliability, frequency stability, low-power consumption.

Using long-life lithium-ammonium battery to ensure that products do not have to constantly replace batteries; and there are battery monitoring function, low battery indication (led lights flash) and display information on a host of low power when battery power is low, so as to remind users to change battery.

434.6M radio frequency band makes communications more reliable.

3. Technical parameters

Working voltage: DC 3.0v

Static current: $\leq 0.01\text{mA}$

Frequency: FSK 434.6mhz+ FHSS

Battery type: 2400mAh Lithium battery

Wireless transmitting distance: 300m

Operation temperature: $-30^{\circ}\text{C}\sim 70^{\circ}\text{C}$

Overall dimension: 79*34*18 mm

4. Encoding settings and applications

Rolling codes act concern with the host.

5. Installation

- 1) Install the lithium-ammonium battery on the door contact, pay attention to the polarity of the battery, please may not hold against;
- 2) Make the door contact learn coding information on the host.

The product is required to be installed with screws at base. A long lasting functionality glue can be used for inconvenient place to use screws. Please remind that the distance between the subject and the magnet is not greater than 8mm; the centers of the main door sensor and magnet are in the same line. Magnetic magnet can be mounted on either side of the door sensor body; the door sensor body should be mounted in a fixed position, as far as possible away from the metal shield, to ensure reliable transmission of the wireless signal.

6. Precautions

- 1) When low-power indicator light flashes, please replace the battery.
- 2) Regular testing work status.

FCC 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.

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.

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