The installation guider for the users of MCS-203 wireless magnetic switch

BRIEF INTRODUCTION

The MCS-203 is a wireless magnetic switch detector. It is one of the important article of our developed control panel DSW series; It detects when window/door is opened or closed. With novelty design, it matches the furniture very well, and can merge with the installation environment very well. It is extremely sensitive within a range of 50m from the control panel.

There is code study setting required magnetic switch detector and the control panel, Only after code is set panel can recognise the magnetic detector. When distance between magnet and sensor is more man 2.5cm, the transmitter sends wireless signals to control panel.

MCS-203

SPECIFICATIONS

Model: MCS-203
Wireless transmitter distance: built antenna 190m
built out antenna 230m
Transmitter frequency: 433MHz
Working voltage: MCS-203 3V 7# batteries
Battery life: 1 year
Power consumption: statics ≤5 μ A
transmission current ≤15mA

Alarm output: alarm situation report, tamper report
Self-cleck report: a report of present status will be sent to control panel each 25 minutes

Working environment: -10°C~50°C (14°F--122°F)

Dimension: 8*3.2*2.4cm
Color : white

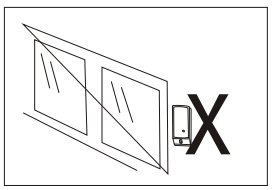
FUNCTIONS AND INSTALLATION PROCEDURE

Functions:

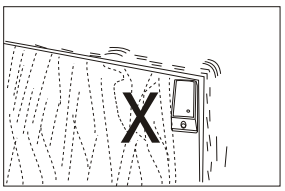
1. Special low power consumption CPU
2. Wireless emitter construction, convenient for use
3. Fire proof material body, resistance to high temperature
4. Beautiful design
5. Compatible with all DSW our wireless panels

Installation guide:

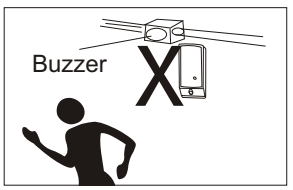
Before installation, please ensure the following conditions for normal function of the system



Do not install it out door where gets easy damage



Do not install on a loose base



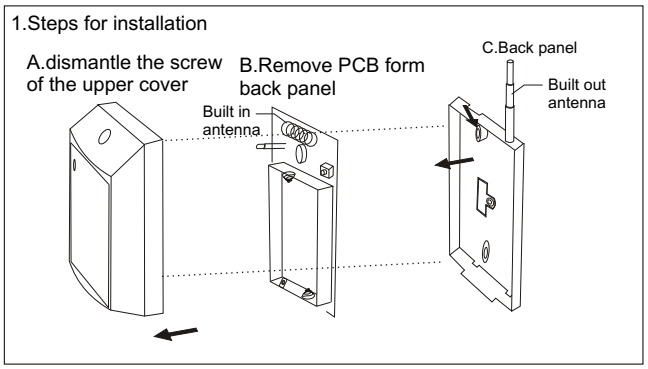
Do not install near the magnetic object

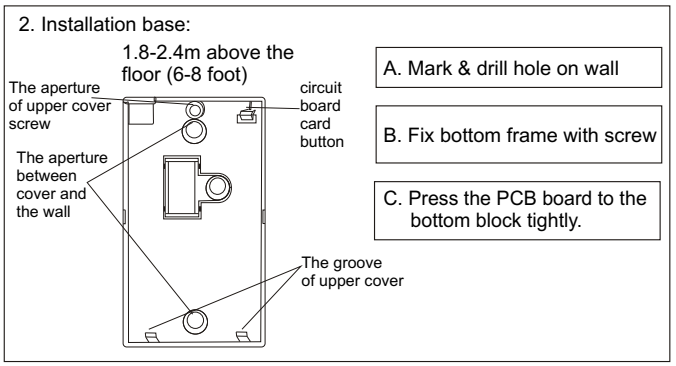
Installation instruction

We use the 7# 1.5V batteries, there is no batteries in our package for magnetic sensor please refer 4.1 for battery installation.

1. Use screw driver to remove the screws from the cover, open its top cover. Be careful not to lose any screws.
2. Please refer to figure 2. By pressing latch on PCB, it can be dismantled ID NO of magnetic sensor os pastid at inside of the cover.

3. Programming of magnetic sensor to control panel
A. Set the wireless panel to “code set” mode
B. Let MCS-203 enter operation mode. Use the magnetic to activate the detector. Control panel will study detector code auto maticaly
C. After code study record the zone N O. And stick it on the front cover for future maintenance
Notice: you can use the address code on the cover to input directly the code, in this way, errors can be reduce!
4. Transmitter test: magnet is taken away from detector once, LED on the detector light there times. Similarly when magnet is brought back near the detector ,the LED light three times
5. Fix the bottom body of the deletion on the door frame with the sensor . Fix the PCB, install top cover
6. Fix magnet on the door with the screws provided.

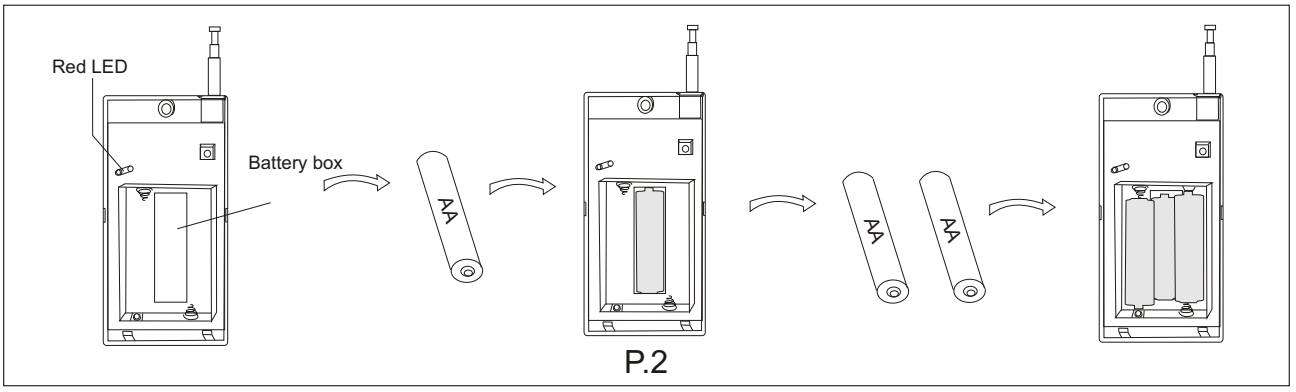




MAINTENANCE

Battery change

The battery should be changed every 12 months, or the message may be weaken. Please change the battery follow the below items:
1. Use a small flat screw driver to release the screw on cover and open upper cover
2. Remove magnetic detector cover
3. Remove old battery
4. Install new battery with correct polarity
5. Check communication of magnet sensor with pane
6. Refit cover of magnetic sensor



Notice: When brush, it can not to be too much water, or the water will filter to the box and destroy the circuit.

SYSTEM LIMITATION

Our DSW series products are very credible now, otherwise, as for its low point transmitter ability and limited scope will lead to curtain limitation to us. The following are the possible situations:
1. Panel does not receive signal from magnets sensor if separated by very thick walls.
2. If voltage on panel or on magnetic error or failure of reception of message at the main panel.
3. When the voltage of the control panel is not constable or voltage of the detector is not enough, the message may be fail of sending.

Warning: company is not responsible for any damage caused by repair/ modification by the customer.