

TW3207 (FosLink)

Door Contact

Feature and Benefits

- 1.It checks if the door, window, fire water tank and water accumulator are closed.
- 2.The terminal reports opening or closing event to household fire alarm controller to achieve data statistics and alarm data collection.
- 3.Data transfer is achieved by FosLink and real-time capacity is high.
- 4.Accurate ADC sampling in the module is adopted to achieve low electric quantity and real-time measurement of electric quantity.
- 5.Low power consumption communication module is used to keep standby current of main module <30uA.
- 6.It is applicable to drawer, iron gate, wooden door, fire water tank and other applications where it is required to move detection position.

Overview

The TW3207 (FosLink) Door Contact (magnetic sensor for door consists of main module (communication function and Hall sensor)) and permanent magnet, which is used to check if the door, window and drawer are illegally opened or moved. Main module (including communication function, Hall sensor and power supply) and permanent magnet move. Main module sends status information to household fire alarm controller by FosLink to achieve security alarm function. It is widely used on fire alarm occasion, such as smart home and safety protection position.



Technical Specification

The main technical Specification of the controller are shown in the table.

Type	TW3207(FosLink)
Operating voltage	DC3V
Static power	<30uA
Indication and Operation	The module is provided with three-color status indicator and one base disengagement key.
Wireless communication frequency	470~510MHz
Wireless transmission power	<17dBm
Communication distance	1000m in open air
Installation method	sticking
Installation distance	<20mm
Operation temperature	-5°C-+40°C
Operation humidity	0-95%RH,no condensation
Outline dimension	75mmX35mmX23mm (excluding magnet)
Housing colour	White
Weight	About 50g



Names and Location

1. Module outline dimension and installation dimension diagram as shown in Figure 1 (Unit: mm)

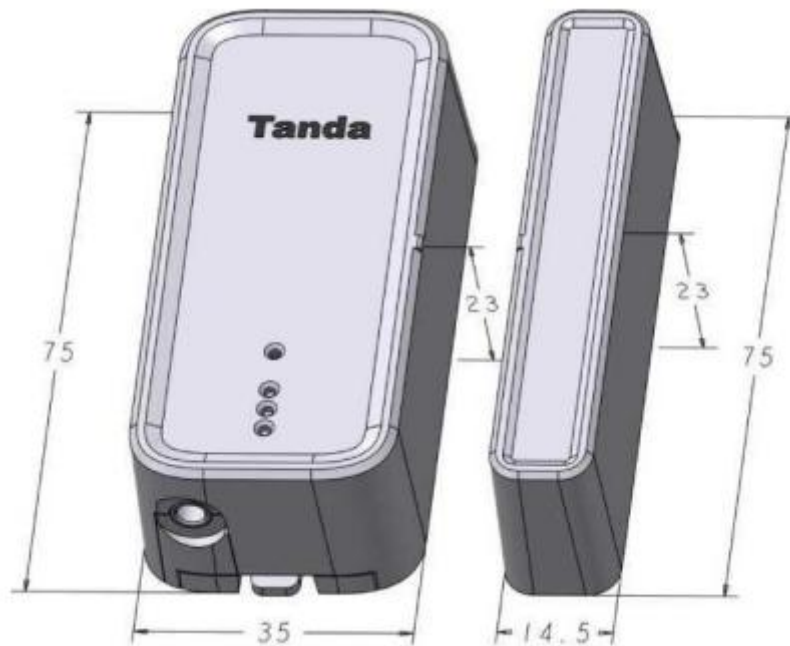


Figure 1 Diagram of TW3207 (Foslink) of outline dimension and installation dimension

2. Indicator lights and press keys description

Indicator lights:

- ① Normal operation: Green lights flash once every 60S
- ② Online status: Green lights normally on for 10 S
- ③ Open-door status: Red lights normally on for 10 S

Press keys:

- ① Key bouncing: door magnet base disengagement

