

# HUT008 Door/Window Contact Installation Manual

The HUT Door/Window Contact has a built-in reed switch which should be mounted directly adjacent to the magnet. Alternatively, an external set of contacts or sensors can be attached to the auxiliary terminal block. Such external sensor can be Normally Open or Normally Closed (Jumper 5 selects).

The Max length of the cable to outside sensors should be 5m (max impedance of the loop – 47 K ohms)

Unscrew the front from the back part of the housing, carefully remove the pcb and fix the rear of the housing in the position required. The unit should only be used indoors. Connect a Lithium 3v battery (CR123A) and replace the front of the housing. (It is recommended that you change batteries every 6-12 months).

The unit should be mounted next to the frame of the door/window. If the built-in reed switch is to be used, then the magnet should be mounted on the door/window frame adjacent to the arrow mark on the housing. Ensure that when the door or window is closed, the distance between the HUT008 and the magnet is not greater than 10 mm. If an external set of magnetic contacts is to be used with the unit, or some other sensor, punch a hole at the end of the housing and connect the reed switch part of the set to the terminal blocks and align it to the magnet as above.

When you open the protected door/window, the sensor will activate and send an RF signal to the HRX008 Keystone Receiver. If this does not happen, check that the distance between magnet and reed switch is no greater than 10mm.

## Specifications

Operating temperature: 0°C to 50°C

Power supply: Lithium 3v battery (CR123A) Battery life 3 years based on 50 transmissions per day

Low Battery Transmission and Tamper Transmission

Dimensions: 85mmH x 34mmL x 27mmD

Radio frequency: 868.35MHz

## Jumper Settings

**J1: ON** Indicator LED lights up on detection

**OFF** Indicator LED off

**J2 OFF & J3 OFF:** Auxiliary input not used

**J2 ON & J3 OFF:** Auxiliary input triggers after 3 pulses

**J2 OFF & J3 ON:** Aux input triggers after 2 pulses

**J2 ON & J3 ON:** Aux input triggers after 1 pulse

**J4: ON** Built-in Reed switch and magnet used

**OFF:** Built-in Reed switch and magnet not used

**J5: NC:** Aux input connects to a normally closed loop

**NO:** Aux input connects to a normally open loop

**NB.** On completion of the installation, the jumper J1 should be in the OFF position in order to prolong the battery life of the detector. Before closing the detector, make sure that the antenna is straight perpendicular to the pcb. Do NOT uncoil it.

