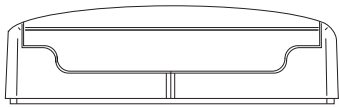


Contact Transmitter and Input Device for Information Zones*

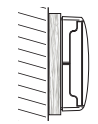
Installation Guide



*NOT FOR FIRE OR SECURITY APPLICATIONS

1 Pre installation

- 

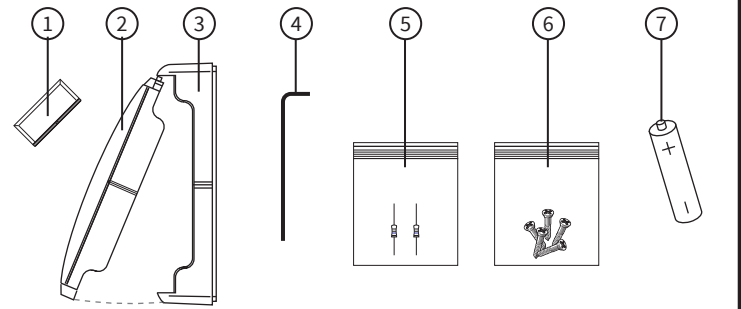
Installation must conform to applicable local installation codes and should only be installed by a fully trained competent person.
- 

The use of a non-metallic spacer should be considered if mounting the device on to a metal surface.
- 

This device contains PCBs that are susceptible to damage from Electrostatic Discharge (ESD). The PCBs contain no serviceable parts and therefore must not be removed.
- 

To ensure correct operation, products must be used within the specified environmental operating conditions.

2 Components

- 
- ① Magnet holder assembly

② Lid

③ Device back box

④ Allen key

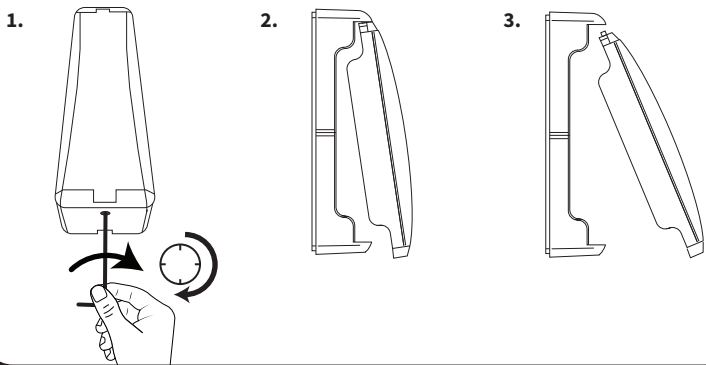
⑤ Resistor pack

○ 5x fixing screws

⑦ Battery (not included in some regions*)
- *When batteries are not supplied, only fit specified batteries.

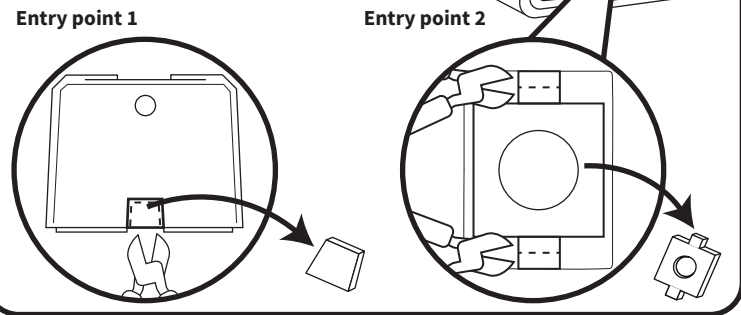
3 Unlocking the device

- If locked, turn the Allen key **CLOCKWISE** to release the locking mechanism.
- Once unlocked, carefully unclip the two sections from one another.



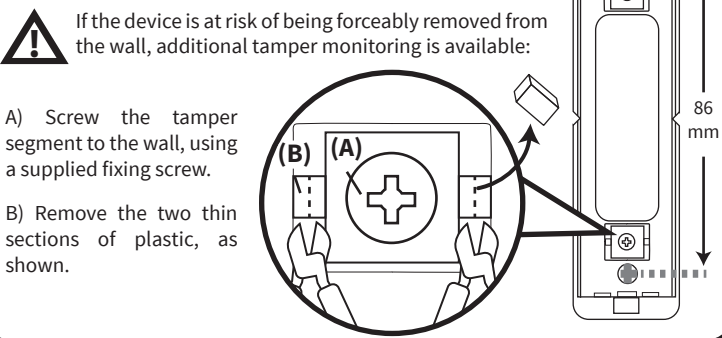
4 Prepare the back box

- There are two available cable entry points shown below.
- Remove the thin sections of plastic as required.



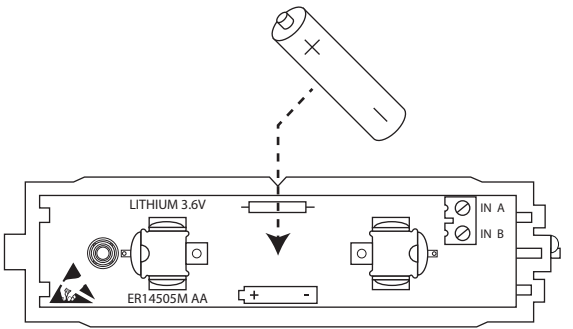
5 Fix back box

- Both fixing positions must be used to ensure a firm fixing.
- Use the supplied fixing screws.



6 Fit battery

- When fitting / replacing batteries, observe correct polarity, using only specified batteries.



7 Configuration

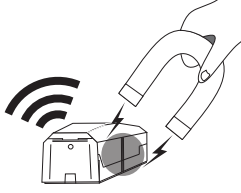
The device must now be added (programmed) to the control panel.

Method 1 Device powering



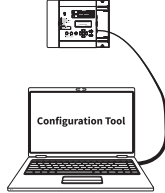
Refer to the programming manual for full programming details.

Method 2 Magnet application



SmartCell panel = TSD155
SmartCell WZM = MK067

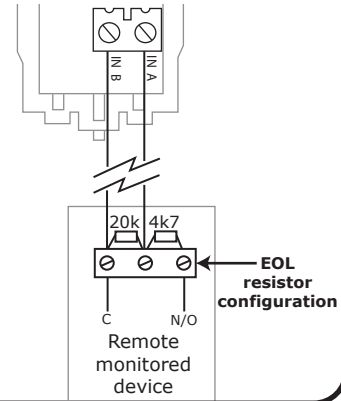
Method 3 Via computer



8 Input configuration, option 1

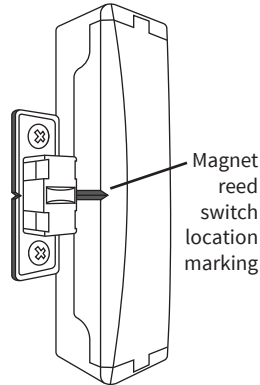
The device provides two options for input activation. See the programming manual for full details. Option 1, hardwired input, functions as follows:

- The input monitors; normal, alarm, open circuit and closed circuit conditions.
- The input is factory fitted with an end of line 20 kΩ resistor.
- To connect the input to an external device; wire as shown, using the resistor pack provided.
- If the input is not being used, leave the 20 kΩ resistor as factory fitted.



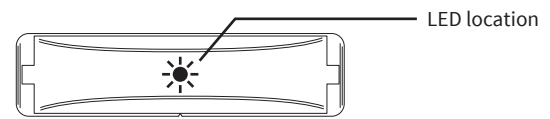
9 Input configuration, option 2

- Alternative magnetic contact application.
- Ensure that the magnet is positioned in line with the magnet reed switch location marking, as shown.
- Carefully remove the magnet's outer case and the magnet itself.
- Fix the magnet's mounting base with two of the supplied screws.
- Re-assemble the magnet.



10 LED operation

The device has a status LED that illuminates through the casework, as shown.



The status LED can be used to check the operation of both of the device's inputs (*hardwired and magnetic*). Details are shown below:

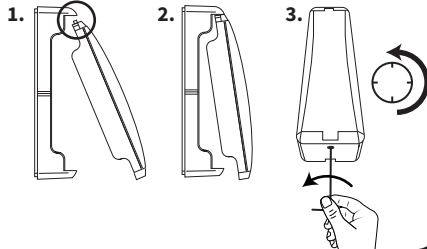
Input activate:  RED LED flashes (*for up to 15 seconds*)

Input clear:  GREEN LED flashes (*for up to 15 seconds*)

Note: the device status LED is multi functional. See programming manual (TSD155) for full details of operation.

11 Completing the installation

- Reassemble the device, observing the hinged connection as shown.
- Lock the device, by turning the Allen Key **ANTI-CLOCKWISE**, until the screw is flush with the casework



Specification

Operating temperature	-10 to +55 °C
Storage temperature	
<i>With batteries</i>	-10 to +30 °C
<i>Without batteries</i>	-10 to +55 °C
Humidity	0 to 95% noncondensing
Location	Type A: for indoor use
Supply	1 x 3.6 V lithium thionyl chloride batteries. Fanso: ER14505M HCB: ER14505M (HCB-JS-TZ-02-547)

CAUTION!

- Only use manufacturer approved battery types. Failure to do so may result in damage to the product.

Operating voltage	2.7 to 3.65 VDC ---
Operating frequency	868 MHz
Output transmitter power	14 dBm / 25 mW
Signalling protocol	X5
Dimensions (W x H x D)	30 x 110 x 28 mm

Regulatory information

Manufacturer	KGS Manufacturing Poland Sp. z o.o. Ul. Kolejowa 24. 39-100 Ropczyce, Poland
Year of manufacture	See devices serial number label
Certification	     0905 0359 TA-2022/0142 APPROVED
Approved to	EN54-13:2005. Fire detection and fire alarm systems. Part 13: compatibility assessment of system components.
European Union directives	EMS declares that the radio equipment type SmartCell Contact Transmitter and Input Device is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: www.smartcell.com



2012/19/EC (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see www.recyclethis.info
Dispose of your batteries in an environmentally friendly manner according to your local regulations.