

This device contains a C2450 battery. This battery could be removed by final user and be deposited in a selective-collection place

General description

The SEMA (ref. WS550000) is a magnetic sensor that detects when a window or door is opened. It allows to trigger the intrusion alarm, control air conditioning, etc. depending on the programming.

Device controlled through the home automation system BUSing® Radio.

Characteristics

- The detector consist of two separate pieces, the sensor (install on the frame) and a small magnet (install on the door).
- The radio communication has a range of 15 meters approximately.
- Pushbutton to set the device in programming mode under the cover of the device accessible through a hole on the cover.
- A Center Link unit is required for programming the device from the application

Technical information

Power Supply	CR2450 battery (check and replace in 2 years)
Consumption	0.5 uA
Mounting	Surface
Size	Sensor: 39 x 67 x 13 mm

	Magnet: 23 x 14 x 6 mm
Range	15 m approximately
Frequency	868 MHz
Max. power	7 dBm
Environment temperature ranges	Operation: -10 °C a 55 °C Storage: -30 °C a 60 °C Transportation: -30 °C a 60 °C
Regulation	INGENIUM declares that ref. WS550000, fulfils the requirements of the directive RED 2014/53/EU. The full DC is available on: http://ingeniumsl.com/pdf/DC_SEMA_en.pdf

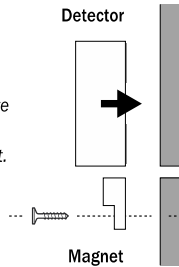
Remarks

It is recommended to make the detection of all equipment of the same type before starting to program.

Ensure that the device which is being programmed is the desired one.

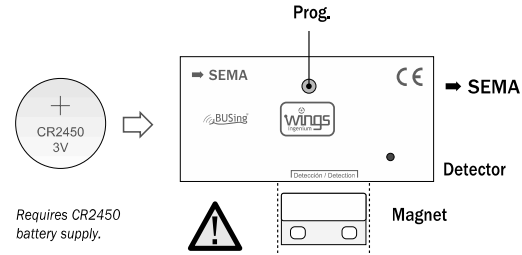
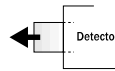
Surface installation

The detector is fixed with an adhesive provided on its back.
Two screws are used for the magnet.



Turning on the device

Initially, the detector is provided with a plastic strip to remove, allowing the connection of the included battery.

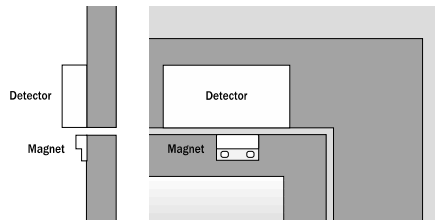


SEMA maintenance

Must check and/or replace the batteries at least once every two years.

Window or Door Location (depending on frame type). Orientation possibilities

Option 1



Option 2

