



The **ECO-SENS** range consists of different types and models of sensors for optimising the electrical consumption of the rooms, achieving **savings of up to 60% in rooms equipped with ECO-SENS sensors.**

## MOTION sensors

Motion sensors determine whether the room is occupied, or not, and communicates this information wirelessly to the wireless economiser, which manages the output relays according to the information received.



### OVERHEAD SURFACE SENSOR

- Overhead installation
- Possibility of several sensors per room
- 10m coverage to the Wireless economiser
- IEEE802.15.4 wireless communication
- Dimensions 111mm Ø x 40mm
- Power supply with 3 LR3 1.5V (AAA) batteries
- 3-years expected battery life
- Assembly height of 2.5-4 m
- Coverage 3m Ø installed at 3m height
- LED indicator



### OVERHEAD RECESSED SENSOR

- Overhead, built-in installation
- Possibility of several sensors per room
- 10m coverage to the Wireless economiser
- IEEE802.15.4 wireless communication
- Dimensions 85mm Ø x 37mm
- Power supply with 1 CR123A 3V battery
- 5-years expected battery life
- Assembly height up to 12m
- Coverage 6.9m x 5.8m installed at 2.5m height
- LED indicator
- Incorporates temperature and humidity sensor



### WALL SENSOR

- Wall installation
- Possibility of several sensors per room
- 10m coverage to the Wireless economiser
- IEEE802.15.4 wireless communication
- Dimensions: Recessed 80 x 80 x 17mm, overlaid 80 x 80 x 35mm
- Power supply with 1 CR123A 3V battery
- 3-years expected battery life
- Coverage: horizontal angle 95°, vertical angle 20°, maximum distance 5m
- LED indicator
- Incorporates humidity sensor

## DOOR-WINDOW sensors

The door and window sensors inform the economiser if the windows in the room and the access door are open or closed. Depending on the situation of the doors and windows, the economiser manages the electrical devices of the room to **minimise energy consumption.**

**Window Mode:** Instructs the economiser to stop the configured relay when the window remains open for more than a certain period of time. It is usually programmed to act on the relay that manages the air conditioning.

**Door mode:** Manages the configured relay of the economiser when the door is opened and no motion is detected in the room; prevents the configured relay from turning off when the room is occupied and the motion sensor does not detect anyone.



### OVERLAID SENSOR

Simple and quick installation on doors or windows and their frames; operative in a few minutes.

- Magnetic detector
- Possibility of several sensors per room
- 10m coverage to the Wireless economiser
- IEEE802.15.4 wireless communication
- Dimensions 44 x 27mm + 18 x 13mm
- Power supply with 3V CR2032 lithium battery
- 2-years expected battery life
- LED indicator



### BUILT-IN SENSOR

Designed for installing inside non-metallic doors and windows; this sensor goes completely unnoticed.

- Magnetic detector
- Possibility of several sensors per room
- 10m coverage to the Wireless economiser
- IEEE802.15.4 wireless communication
- Power supply with alkaline battery 1.5V LR 03
- Dimensions sensor 20mm Ø x 55.5mm and magnet 20mm Ø x 1mm
- 4-years expected battery life
- LED indicator