Universal Motion Sensor

The xComfort Universal Motion Sensor is an easy to install wireless solution. It uses movement detection for the activation of future-proof smart home functions.

Save energy while increasing your comfort and safety.

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Powering Business Worldwide

At a glance...

- **Easy and flexible installation**
- **Recessed (flush box) or surface mounting possible**
- **Comes with universal round and with standard '55 mm frames' compatible cover**
- **Mains (230 VAC) or battery powered**
- **Long battery life, up to 5 years**
- **Multi-color LED for low battery and connection health indication**
- **Mounting with screws or adhesive tape**
- **Fully xComfort RF compatible**

Functions & Features

Getting smart with xComfort Universal Motion Sensor

Robust and proven Eaton xComfort technology powers this truly universal PIR-based motion sensor. Making full use of its state of the art design, electricians can provide smart motion-based solutions for energy saving, increased comfort and safety. The universal motion sensor is available in 2 different colors – Pure white and Jet black – and supports up to 4 different mounting methods:

- Ceiling-recessed in a flush-box. Using the round front cover plate.
- Surface-mounted, screwed. Using the round cover plate + the surface mount adapter.
- Surface-mounted, glued with adhesive tape. Using the round cover plate + the surface mount adapter.
- Recessed in a flush-box in combination with a universal 55x55 mm WA frame. Using the 55x55 mm cover plate.

Type Designation	Color	Article No.
CBMD-02/01	Pure white	300918
CBMD-02/02	Jet black	300919

Maximum installation flexibility is guaranteed by its fully wireless properties. The power is supplied by a CR2450 with a battery service life of up to 5 years.
The battery can be easily replaced without special tools (screwdriver required). Furthermore, for applications where operation without batteries is needed or preferred, the universal motion sensor can also be directly powered from the mains (230 VAC).

During daily operation, the multi-color LED indicates a low charge and thus the need for battery replacement or other corrective action.

For the specific application requirements the factory default detection settings, turn-off-delay, light-condition and sensitivity, can be easily adjusted. These settings can be changed directly via the on-device programing buttons and the multi-color LED. To access, simply remove the cover, which is held in place by magnets. As an alternative, the settings can also be adjusted by using the powerful xComfort programming tool (MRF).

The universal mounting methods and its power supply options makes it possible to fix (screw or glue) the motion sensor to any desired location.

Fully wireless and suitable for different environments

Possible applications

The xComfort universal motion sensor is a comprehensive solution for motion detection as a means to control room lighting and climate: For the homeowner this results in energy savings, increased comfort and/or safety. Typical application examples include:

- **Energy saving:** Use less energy with the xComfort universal motion sensor. Following a defined period of time after a room has been vacated, the xComfort Universal Motion triggers the controller to set the heating to economy and later to standby. Heating is switched back to comfort upon reentering the room.

- **Peace of mind:** Following a definable switch-off delay, the room lights are automatically switched off (or dimmed to a certain level). The lights are switched on again upon entering the room. As a consequence, they are never left unnecessarily on.

- **Increased comfort/safety:** The xComfort universal motion sensor negates the need to manually turn on the light upon entering. This prevents unsafe situations as a consequence of poor lighting conditions.

- **Peace of mind/safety:** Upon detection, the "away" mode scares off unwanted visitors by triggering the xComfort controller to switch on all the lights and to open all the blinds. A corresponding alert is automatically submitted by the xComfort controller.

Technical Specifications
Battery powered, CR2450 3 V (battery included)
Detection area, ceiling mounted at 2.5m, Ø6m
Battery lifetime up to 5 years (TYP)
Low battery indication via LED
Radio frequency 868.3 MHz (xComfort compatible)
RF connection status indication with multi-color LED
Degree of protection IP20
Operating temperature 0° - 40 °C
Device detection options • Light conditions • Switch-off delay time • Detection sensitivity
4 mounting methods supported
Battery or mains powered

Go Wireless Package – Wireless Motion Switch

The preprogrammed Wireless Motion Package is based on the easy application principles of the Wireless series.

The Wireless Motion package offers an out-of-the-box easy to install stand-alone solution to switch ON appliances up to 10 A (e.g. lights), based on motion detection. When no motion is detected, the appliances are switched OFF after 10min.

The default detection settings, time-off-delay, light-conditions and sensitivity can be easily adjusted by means of the on-device buttons.

Type Designation	Color	Article No.
CPAD-00/230	Pure white	300920

xComfort: Eaton's Wireless Solution

xComfort is Eaton's robust and reliable wireless system for building automation with a proven competitive advantage. It simplifies and speeds up installation and commissioning in residential and (light) commercial buildings, while also significantly reducing costs. With xComfort, installers can offer their customers outstanding added value. The options range from flexible, low-cost wireless switching/dimming solutions to complete systems for increased comfort, security and safety as well as energy savings. xComfort is equally ideal for new buildings and retrofits.

Eaton is a power management company with 2018 sales of $21.6 billion. Its energy-efficient solutions help customers effectively manage electrical, hydraulic and mechanical power more reliably, safely and sustainably. The company is dedicated to improving the quality of life and the environment through the use of power management technologies and services. Eaton employs 99,000 people worldwide, and sells products to customers in more than 175 countries.
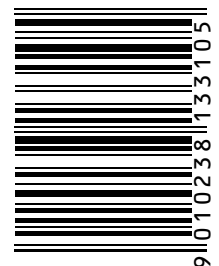
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