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Movement and luminosity sensor
SIFBUS-L – v1.3

BUSing
BUSing   CE

Mounting – Embedded in ceiling or wall

Environment temperature range - Operation: from -10ºC to 55ºC / Storage: from -30ºC to 60ºC / Transportation: from -30ºC to 60ºC.

Regulation - According to the directives of electromagnetic compatibility and low voltage EN 50090-2-2 / UNE-EN 61000-6-3:2007 / UNE-EN 61000-6-1:2007 / UNE-EN 61010-1.

Installation

General description

BUS sensor to detect (intrusion and lighting) and to control the lighting. Designed to be connected to BUSing® by wire. It has a 360º detection angle with an area of 5 m diameter at 2,5 m height. It is possible to program the wished events when it detects and when it finishes the detection and also in case of lack of lighting.

Characteristics

These detectors have a passive infrared sensor which detects bodies in movement that radiate heat and a light meter to control the level of lighting. They have a high level of immunity against false alarms, electromagnetic fields and temperature variations.

- This type of detectors are indicated to be placed inside homes, commercial buildings, etc.
- Avoid installation in places exposed to direct sunlight and airflow. Also, avoid placing these detectors behind large objects as these will reduce their detection reach.

It can be configured with the Development System (SIDE)

- 4 programmable scenes for the activation and deactivation of the sensor (2 for the movement sensor and another 2 for the luminosity sensor).
- Up to 30 BUS programmable events per scene.

Technical information

Supply – 9-16 Vdc from BUS

Consumption – 40mA @ 12Vdc

Detection angle – 360º

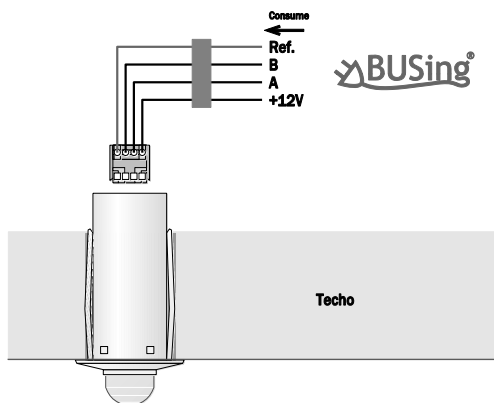**Detection area –** Ø 5 m at 2.5m height

Size – Ø 36 mm (visible) x Ø 25 mm (embedded) x 50 mm

Remarks

-Feed low voltage lines (BUS and inputs) in separate ducting to that of power (230V) and outputs.

-Use flexible shielded BUS cable 4 wires x 0,22mm^2.

-Follow a color code for the BUS. Our ref: Red +12V, Yellow: A, Green: B, Black: Ref.

QR code