



EE810



EE813

### Indoor Semi-Recessed Mounting

The EE810 is a one-channel occupancy sensor designed to detect low amplitude movements (e.g. at a desk). Detection is achieved using 2 pyroelectric sensors, each located under a detection lens. The sensor measures the brightness in the room on a continuous basis and compares it against the level preset by means of potentiometer to determine when the light activates.

The head of the detector is directional at 90° and can be used to adjust the detection area according to the room configuration.

### High performance detector EE810

High performance presence detectors that can be used in premises or in passage areas, where they increase comfort and reduce the energy costs drastically.

The presence area is especially useful in offices, where the motion area may be used in long corridors.

### EE810 - 1 channel detector

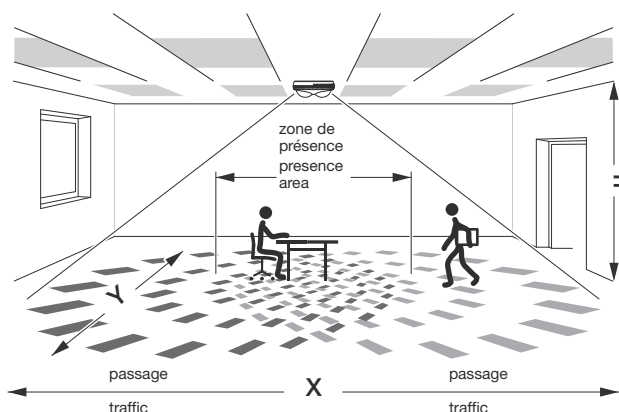
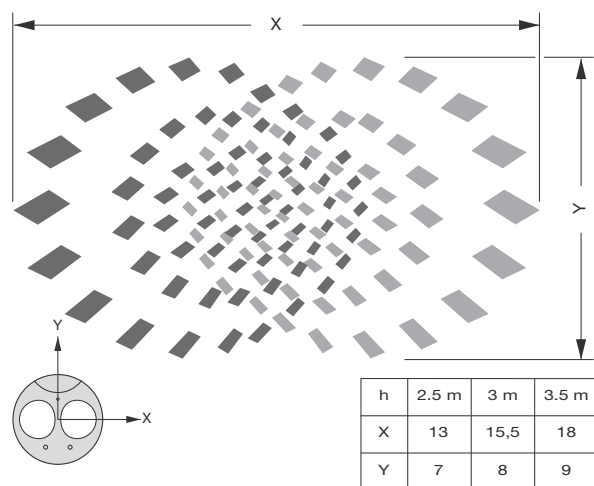
Direct control of a light load or used as a slave in association with EE811 (Lux OFF) for detection area enlargement.

- Lux level and ON delay (duration or pulse) defined via potentiometers.
- Test mode in order to set lux level and the detection pattern.

Complies with EN 60669-1 & EN 60669-2-1.



Description	Cat ref.
Presence Detector 1 Channel	EE810
Surface Mounting Box for EE810 and EE811	EE813



### Technical characteristics

Supply voltage	230V~ 50Hz
Detection Type	Presence
Detection (Length)	15.5m
Detection (Width)	8m
Detection angle	360°
Standby consumption	1.2W
Duration of lighting output operation (S1)	1min to 30min
Duration of time delay (S2)	30sec to 60min
Luminosity threshold	5 to 1200Lux
Recommended installation height	3 m
Operating temperature	0°C to +45°C
Storage temperature	10°C to +60°C
Insulation class	II
Protection rating	IP41

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Standards	EN60669-1 EN60669-2-1
Pollution degree	2
Connection stranded	1mm <sup>2</sup> to 4mm <sup>2</sup>
Connection solid	1mm <sup>2</sup> to 4mm <sup>2</sup>
Remote programming	×
Remote control	×
Dimensions (L*W*H)	110mm x 110mm x 70mm
Lighting Loads 230V~ AC1	16A
Switching Capacity (Incandescent)	2300W
Halogen lamps LV	-
Halogen ELV (12 or 24V) via ferromagnetic or electronic transformer	1500W
Compact Fluorescent	20 X 18W
LED	20 X 18W
Parallel compensated fluorescent tubes	290W/C=32μf
Flourescent tubes non compensated	
Electronic ballast	580W