



Indoor Semi-Recessed Mounting

The EE811 is a two-channel occupancy sensor designed to detect low amplitude movements (e.g. worker sitting 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 second channel can be utilised on the EE811 to control additional equipment such as air circulation fans.



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 EE811

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.

EE811 - 2 channels detector

- Lux level, ON delay setting for light channel and presence channel via potentiometers.
- Input for slave (EE811) and/or remote push button.
- 230V input used with push button to toggle the light channel state or with slave to enlarge the detection area.



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

EE811



EE813

Description

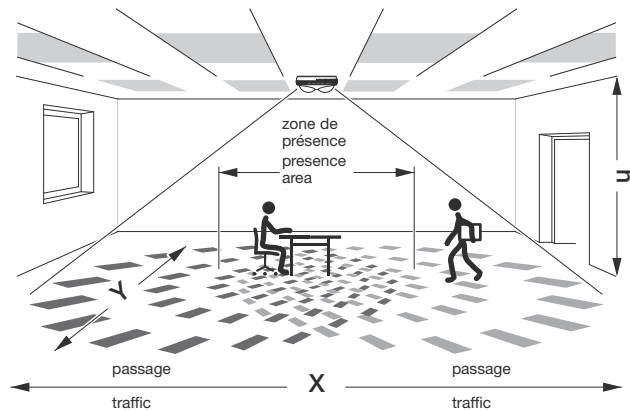
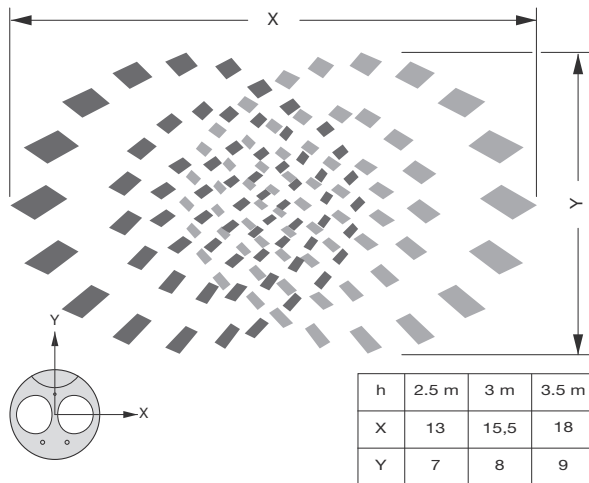
Presence Detector 2 Channel

Cat ref.

EE811

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

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Storage temperature	10°C to +60°C	
Insulation class	II	
Protection rating	IP41	
Standards	EN60669-1 EN 60669-2-1	
Pollution degree	2	
Connection stranded	1mm ² to 4mm ²	
Connection solid	1mm ² to 4mm ²	
Remote programming	x	
Remote control	x	
Adjustable shutters (Supplied)	x	
Dimensions (L*W*H)	110mm x 110mm x 70mm	
Switching Channel	Channel 1	Channel 2

Lighting Loads 230V~ AC1	16A	2A
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 compenstaed flourescent tubes	290W/C=32µf	-
Flourescent tubes non compensated		-
Electronic ballast	1000W	-