

These devices are made for automatic control of lighting in both the residential and private/public industry sectors. They automatically switch on lighting in case a person in movement is detected and light is needed. They turn off the light after a pre-set duration.

EE 820, EE 830, EE 840, EE 825, EE 827

- That waterproof detector range (IP55) is mainly dedicated to outdoor applications.
- They are equipped with Fresnel lenses that permit to get a high detection performance.
- Detector 140° for access control and perimeter lighting

- 200° models to survey a house facade
- 360° to cover a house corner

- The fixing accessories allow ceiling and corner mounting.
 - Settings
- The timer and the lux level are set locally, via potentiometer.

EE 804, EE 805

- Movement detector for the automatic control of lighting in indoor circulating zones. Surface mounted (EE 804) or flush fitting (EE 805).
 - Setting
- The timer and the lux level are defined via potentiometers
- Mounting of EE805
- Connecting system

conform to false ceiling installation standards (cable clamp, fixing spring and protection cover)

- Surface mounting of EE804
- Connecting on a ceiling box or on mouldings thanks to side pre-cut outs compatible with Tehalit ATA 63000 (6 x 30) or ATA 12200 (12x20)
- Output: Potential free relay contact 10A

EE 810

- Relay output light channel
- Lux level and on delay time (duration or pulse) defined via potentiometers
- Slave output for association with EE811/EE812 - Lux OFF

EE 811




- Relay output light channel
- Lux level and On delay time define via potentiometers
- input slave / derogation
- 230V input used with push button

EE 812


- Relay output used to switch ON/OFF the electronic ballast
- 1/10V output used to control an electronic ballast or Hager dimmers EV100/EV102
- 230V input used with push button

EE 813 :

- Accessory for surface mounting.

	<i>Designation</i>	<i>Characteristics</i>	<i>Pack qty.</i>	<i>Cat. ref.</i>
 <p>EE 820</p>	Detector	140° white	1	EE 820
	surface IP55	200° white	1	EE 830
	230 V ~ 50/60 Hz	360° white	1	EE 840
	Lux: 5 to 1000 lux			
	Timer: pulse, 5s to 15 min			
	Contact 10A AC1			
	Corner mounting accessory	white	1	EE 825
	Ceiling mounting accessory	white	1	EE 827
 <p>EE 804</p>	Detector 360°	230 V ~ ± 10%, 50Hz	1	EE 804
	surface IP21 diam. 105.5 white*	Functions : - 1 open contact 10 A - detection angle 360° Lux: 5 to 1000 lux Timer: 5 s. to 15 min.		
 <p>EE 805</p>	Detector 360°	230 V ~ ± 10%, 50Hz	1	EE 805
	flush IP21 diam. 105.5 white*	Functions : - 1 open contact 10 A - detection angle 360° Lux: 5 to 1000 lux Timer: 5 s. to 15 min.		



Presence detectors

	<i>Designation</i>	<i>Characteristics</i>	<i>Pack qty.</i>	<i>Cat. ref.</i>
 <p>EE810</p>	Dual eye presence detector	1 channel 16A, 50Hz	1	EE 810
	(coverage area: 1.3m x 7m at 2.5m height)	2 channels 16A, 50Hz	1	EE 811
		1/10V, 50Hz	1	EE 812
		Surface mounting accessory for EE 810, EE 811 and EE 812	1	EE 813

Description
High performance presence detector that will be used in premises or in passage areas, where they increase comfort and reduce drastically the energy costs.
Settings via potentiometers or via remote control EE807

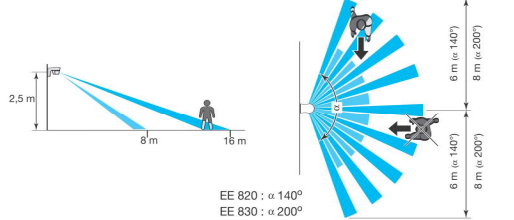
EE815 - presence detector
ON/OFF
Direct control of a light load
Lux level and ON delay settings
EE816 - presence detector for light regulation
3 functional modes
DALI/DSI bus output
Customer remote control EE808 for override operation.

EE883 - HF motion detector
The detector employs hyper frequency technology and reacts to movements regardless of the temperature. It detects movements through doors, windows and even non-metallic low thickness partitions.

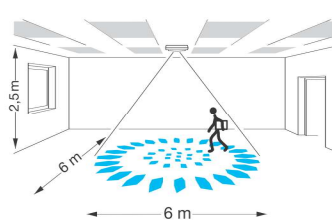
Designation	Characteristics	Pack qty.	Cat. ref.
 EE 816	Presence detector Monobloc ON/OFF (IP41) Timer: 1min to 1 hour Brightness: 5 to 1000 lux Switched phase 16A AC1 230 V AC ~ 50/60 Hz 360° white	1	EE 815
	Monobloc DALI/DSI (IP41) For lighting regulation Timer: 1min to 1 hour Brightness: 5 to 1000 lux DALI/DSI bus (24 ballasts) 230 V AC ~ 50/60 Hz 360° white	1	EE 816
	Surface mount kit White	1	EEK005
 EE 807 EE 808	Remote control (for EE815 & EE816) For settings For customer Infra red remote control Infra red remote control override operation	1 1	EE 807 EE 808
	HF motion detector Hyper frequency Wire basket	1 1	EE 883 EEK 006

PIR detection - Range

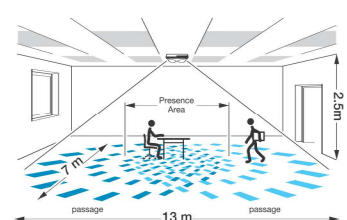
Motion detectors EE 820 & EE 830



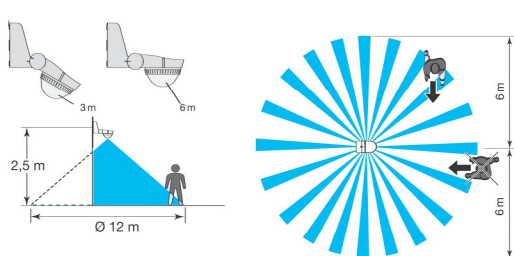
Motion detectors EE 804 & EE 805



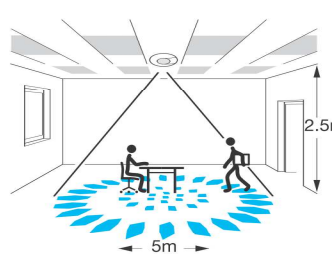
Presence detectors EE810/811/812



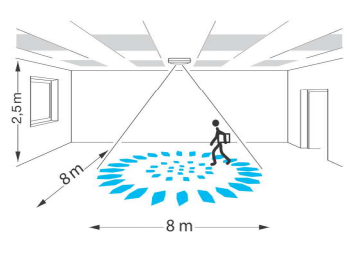
Motion detector EE 840



Presence detectors EE 815 & EE 816



HF Motion detector EE883



Note: The optimum height of installation is 2.5m. The detection field must remain free.