



Hyper Frequency Motion Sensor

Hyper frequency motion detectors work on a different technology to traditional infra-red detectors. Instead of monitoring any movement to infra-red signals received by the sensor, the hyper frequency sensor is an active device which sends out a hyper frequency signal and monitors any changes in the signal bounced back to the sensor. Due to the hyper frequency sensors ability to detect through certain materials such as wood and glass it means that the sensor reduces blind spots in areas where there is partitioning for privacy such as toilets and dressing rooms.

EE883

Description

The hyper frequency EE883 motion detector is applicable for wall and ceiling installations because of its practical two screw mounting system and it allows for a detection coverage of 360° without any dead angles. The detection range diameter is

adjustable within 1 to 8 metres.

The hyper frequency (HF) detection is independent of the temperature detection, which can detect movement through partitions (drywall, wood, glass).

- IP54
- Detection zone of 8m
- Detection area 360°
- Output 10A AC1

Features

- 230V AC

Description

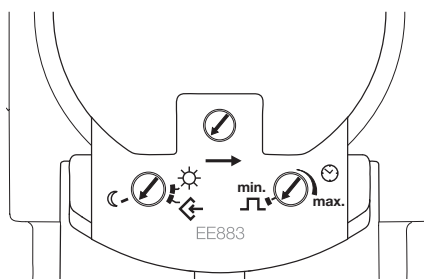
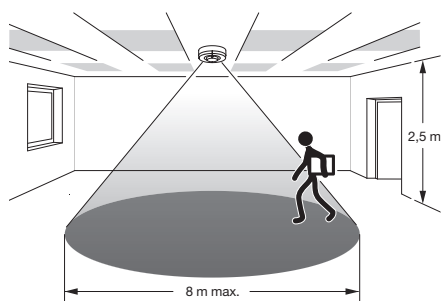
Circulation Sensor HF

Protection Basket

Cat ref.

EE883

EEK006



Technical characteristics

Supply voltage	230V~ 50Hz
Detection Type	Motion
Detection (Length)	1m to 8m
Detection (Width)	1m to 8m
Detection angle	360°
Detection Frequency	5.8 Ghz ± 0.075 Ghz
Receiver Class	2
Standby consumption	1 W
Duration of lighting output operation (S1)	5sec to 15 min
Luminosity threshold	2 to 2000 lux
Recommended installation height	2.5 m
Operating temperature	20°C to +50°C
Storage temperature	35°C to +70°C
Insulation class	II
Protection rating	IP54
Standards	EN 60669-1, EN 60669-2-1, EN 301489-1, EN 301489-3, EN 300440-1, EN 300440-2.
Maximum installation altitude	2000m
Pollution degree	2
Connection stranded	Max 1.5mm ²

Table continued on next page.

Connection solid	Max 1.5mm ²
Switching Channel	1
Lighting Loads 230V~ AC1	10A
Remote programming	x
Remote control	x
Switching Capacity (Incandescent)	2300W
Halogen lamps LV	2300W
Halogen ELV (12 or 24V) via ferromagnetic or electronic transformer	1500VA
Compact Fluorescent	20 x 20W
LED	20 x 20W
Parallel compensated fluorescent tubes	1000W/C=110µf
Fluorescent tubes non compensated	1200W
Electronic ballast	580W