



General description

Autonomous motion radiofrequency detector for hidden installation. It is able to send out a detection beam up to 15 meters. The amplitude depends on the sensitivity that has been set.

Capacity

It is installed in the ceiling, above technical ceilings or suspended ceiling. It is also possible to install it behind walls. Avoid its installation neither in places that can be liable to vibrations nor over fluorescent lights.

Place lengthwise to the room, it means the longer side of the device should be placed parallel to the longer side of the room.

The detection zone should be placed towards the room. The silk-printed side of the device should be placed downward.

The device is not able to detect through metallic objects. If you want the device to not detect in an area, you should shield it with metallic tape on that zone.

The detection beam in longitudinal direction has a 140° angle and in transverse direction 70°.

The guaranteed area at 2.5 meters height is 6 x 3m and the maximum area is 12 x 6 m.

Technical Information

Supply – 85 – 265 Vac

Consumption – 4,5 mA @ 230 Vac

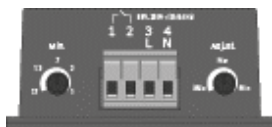
Detection angle – 140° longitudinal and 70° traverse.

Detection area – Min: 6 x 3 m. - Max: 12 x 6 m.

Size – 100 x 75 x 35mm.

Mounting – In suspended ceilings or behind walls.

Output – 1 output, switching capacity 10A @ 230Vac.



Installation



SR output wiring
Power consumption 4.5mA



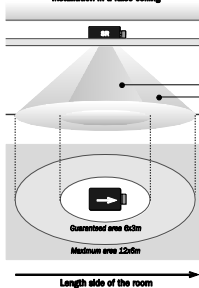
Timer adjustment (Min.)

- The timer adjuster regulates the time a load remains connected.
- Times can be adjusted between 0.25secs (Pulse) and 17mins, at 4sec intervals.
- Minimum timings are obtained by turning the adjustment potentiometer clockwise.

Sensitivity adjustments (Adjust.)

- The sensitivity adjustment limits the degree of detection.
- Maximum distances that can be reached will depend upon the density of obstacles to penetrate (wood, plaster, brick, etc.).

Installation in a false ceiling



Detection area

The detection area must face the room, with the silk screened part of the device face-down.

Detection area at

The device can be partially blinded with metal tape to cancel detection in a zone/direction.

Guaranteed: 6x3m

Maximum: 12x6m

zone/direction.

Floor

Direction of the device

Place lengthwise, with the length of the device parallel to the length of the room. Together with the programming, this will ensure optimal detection.

Do NOT install:

- In locations susceptible to vibrations.
- Over fluorescent lights.

Remarks

- Timer adjustment (Min)
 - o The timer adjustment regulates the time a load remains connected. It can be set from 0.25 seconds up to 17 minutes at 4 sec. intervals.
 - o Minimum timing is obtained by turning the adjustment potentiometer clockwise.
- Sensitivity adjustment (Adjust)
 - o The sensitivity adjustment limits the degree of detection.
 - o Maximum distances that can be reached depend on the densities of the obstacles to go through (wood, plaster, brick, etc).

More info

