na-de 3 years guaranty TS EN 60669-2-1 CE

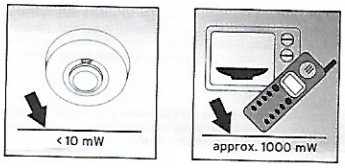
Complies with ROHS Regulation Directive 2002/95/EC

10367
360° SURFACE TYPE MICROWAVE MOTION SENSOR

The sensor is an active motion detector, it emits high-frequency electro-magnetic wave 5.8GHz and receives their echo. The sensor detects the change in echo working LED light sensor from even the slightest movement in its detection zone. A microprocessor then triggers the "switch light ON" command. Detection is possible through doors, panes of glass or thin walls.

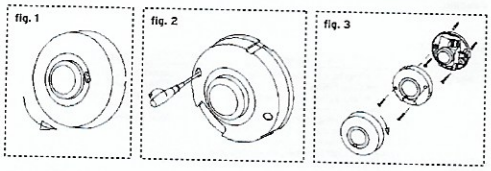
Important: persons or objects moving towards the sensor are detected best?

NOTE: the high-frequency output of this sensor is <10mW- that is just one 100th of the transmission power of a mobile phone or the output of a microwave oven.



INSTALLATION PROCEDURES

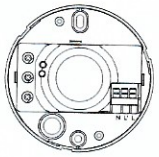
1. Take down the top cover by turning it anti-clockwise(see fig.1), and then tighten off the two screws fixing middle cover(see fig.2);
2. Hold base against the wall and mark drill holes, paying attention to any existing wiring in the wall;
3. Drill the holes, insert wall plugs (6mm dia);
4. Put the power wire and load wire through the base holes;
5. Screw the base into place see fig.3;
6. Connect the mains power supply and the load wire to the connection terminal according to connection-wire mark.
7. Close the middle cover see fig.3 and adjust knob to setting;
8. Fit glass shade and turn it clockwise see fig.3.



TECHNICAL SPECIFICATIONS

power supply	: 230-240V~ 100-130V~
power frequency	: 50/60Hz
installation sit	: Indoors, ceiling mounting
HF system	: 5.8GHz CW radar,ISM band
transmission power	: <10mW
rated load	: Max.1200W (230-240V~) 600W (100-130V~)
detection angle	: 360°
reach	: 1-10m (radii.), adjustable
time setting	: 10 sec to 30 min
light control	: 2~2000 LUX
power consumption	: approx.0.9W

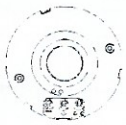
CONNECTION ILLUMINATION



connect N, L with power;
connect N, L' with load

SETTINGS

Reach setting (sensitivity)
Reach is the term used to describe the radii of the more or less circular detection zone produced on the ground after mounting the sensorlight at a height of 2.5m, turn the reach control fully anticlockwise to select minimum reach (approx.1m radii), and fully clockwise to select maximum reach (approx. 10m radii).



NOTE: the above detection distance is gained in the case of a person who is between 1.6m~1.7m tall with middle figure and moves at a speed of 1.0~1.5m / sec. If person's stature, figure and moving speed change, the detection distance will also change.

Time setting
The light can be set to stay ON for any period of time between approx. 10 sec (turn fully anticlockwise) and a maximum of 30 min (turn fully clockwise). Any movement detected before this time elapse will re-start the timer. It is recommended to select the shortest time for adjusting the detection zone and for performing the walk test.

NOTE: after the light switches OFF, it takes approx. 1sec before it is able to start detecting movement again. The light will only switch on in response to movement once this period has elapsed.

Light-control setting
The chosen light response threshold can be infinitely from approx. 2-2000 lux. Turn it fully anti-clockwise to select dusk- to-dawn operation at about 2 lux. Turn it fully clockwise to select daylight operation at about 2000 lux. The knob must be turned fully clockwise when adjusting the detection zone and performing the walk test in daylight. 2~2000 LUX

Note: please don't adjust the three functional buttons to excess. That is because the three functional buttons were connected to the components directly, there is a small stopper in each of the three components, when you adjust the buttons from start to end, the excessive turn will damage the stopper, and lead to the 360° non-stop turn around. The adjust range limit is 270°, please do pay attention to this.

TROUBLESHOOTING

MALFUNCTION	CAUSE	REMEDY
The load will not work	• Wrong light-control setting selected • Load faulty • Mains switch OFF	• Adjust setting • Change load • Switch ON
The load work lways	• Continuous movement in the detection zone	• Check zone setting
The load work without any identifiable movement	• The sensor not mounted for detecting movement reliably • Movement occurred, but not identified by the sensor (movement behind wall, movement of a small object in immediate lamp vicinity etc.)	• Securely mount enclosure • Check zone setting
The load will not work despite movement	• Rapid movements are being suppressed to minimize malfunctioning or the detection zone you have set is too sam!	• Check zone setting

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