ZESWIN

S2 Microwave Motion Sensor

Welcome to the Microwave Sensor A2!

The product is a new saving-energy switch; it adopts microwave sensor mould with high-frequency electro-magnetic wave (5.8GHz) and integrated circuit. It gathers automatism, convenience, safety, saving-energy and practical functions. The wide detection field depends
on detectors. It works by receiving human motion. When one enters the detection field, it can start the load at once and identify automatically day and night. Its installation is very convenient and its using is very wide. Detection is possible to go through doors, panes of glass or thin walls.

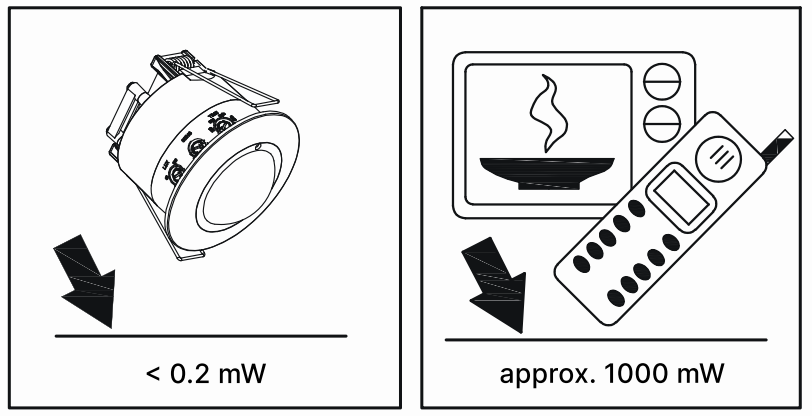
SPECIFICATION

Voltage	220-240V/AC	Detection Range	360°
Power Frequency	50/60Hz	Detection Distance	1-6m (radius), adjustable
Ambient Light	<3-2000LUX (adjustable)	HF System	5.8GHz CW radar, ISM band
Time Delay	Min.10sec±3sec	Transmission Power	<0.2mW
	Max.12min±1min	Installing Height	2-4m
Rated Load	Max.1200W	Power Consumption	approx 0.6W
	300W	Detection Moving Speed	0.6-1.5m/s

FUNCTION

- Can identify day and night: It can work in the daytime and at night when it is adjusted on the “sun” position (max). It can work in the ambient light less than 3LUX when it is adjusted on the “3” position (min). As for the adjustment pattern, please refer to the testing pattern.
- SENS adjustable: It can be adjusted according to using location. The detection distance of low sensitivity could be only 2m and high sensitivity could be 16m which fits for large room.
- Time-Delay is added continually: When it receives the second induction signals within the first induction, it will restart to time from the moment.
- Time–Delay is adjustable. It can be set according to the consumer’s desire. The minimum time is 10sec±3sec. The maximum is 12min±1min.

NOTE: The high-frequency output of the HF sensor is <0.2Mw- that is just one 5000th of the transmission power of a mobile phone or the output of a microwave oven, the baby can't touch it.



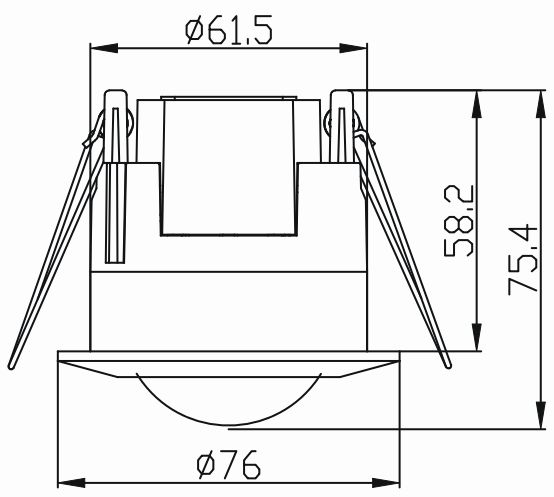
CONNECTION

⚠ WARNING	Danger of death through electric shock!
	• Must be installed by professional electrician. • Disconnect power source. • Cover or shield any adjacent live components. • Ensure device cannot be switched on. • Check power supply is disconnected.

INSTALLATION

- Switch off the power and unload the transparent cover.
- Connect the power to connection terminal of sensor according to connection-wire diagram.
- Install back the transparent cover into the original location.
- Fold the metal spring of the sensor upwards and then put the sensor into the suitable hole or installation box. Releasing the spring, the sensor will be set in this installation position.
- After finishing installing, turn on the power and then test it.

1



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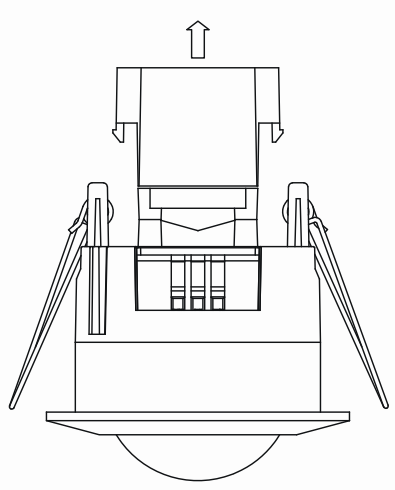

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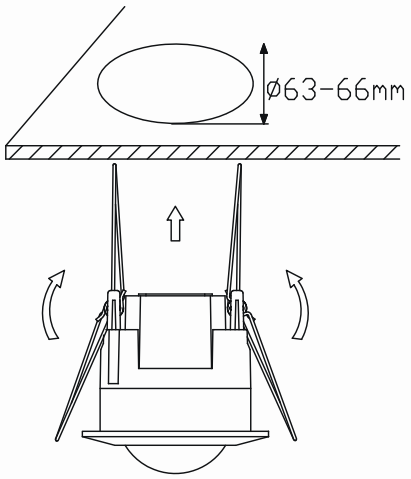

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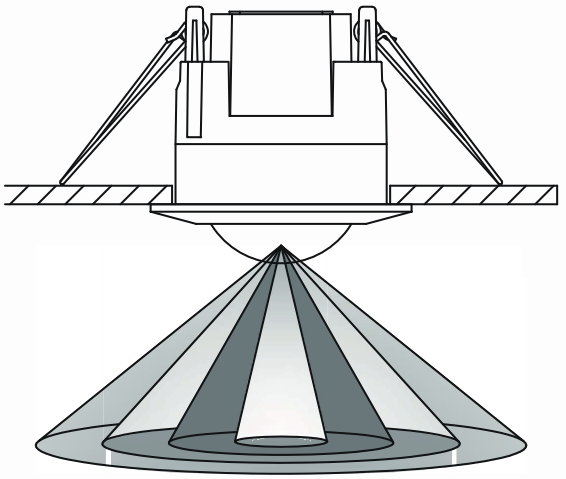
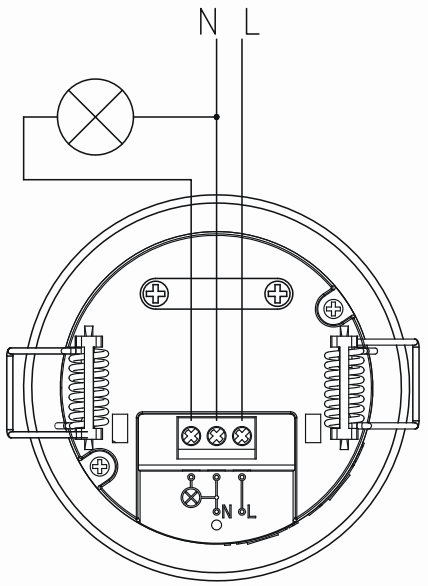
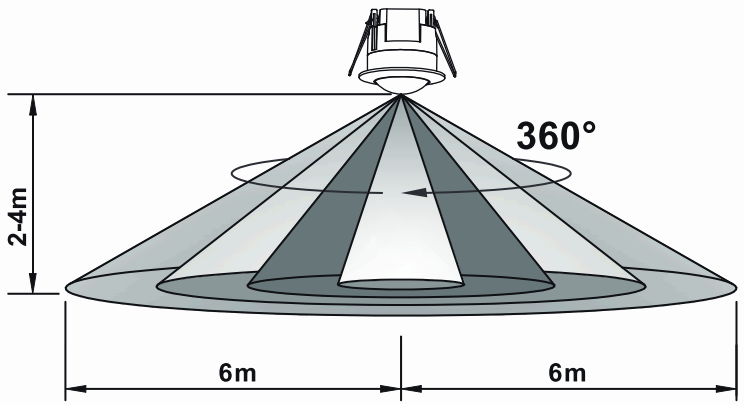


CONNECTION-WIRE DIAGRAM



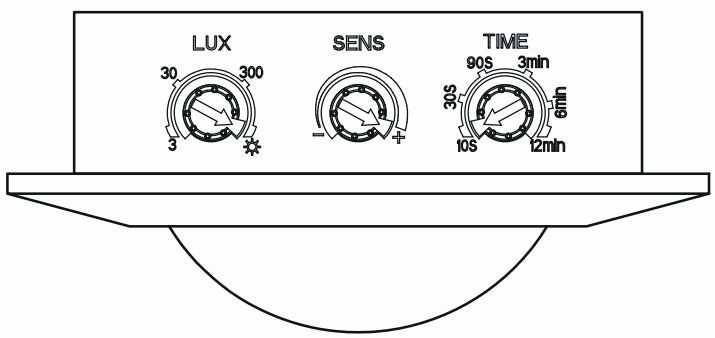
SENSOR INFORMATION



Height of installation: 2-4m

TEST

- Turn the LUX knob clockwise on the maximum (sun). Turn the SENS knob clockwise on the maximum (+). Turn the TIME knob anti-clockwise on the minimum (10s).



- When you switch on the power, the light will be on at once. And 10sec±3sec later the light will be off automatically. Then if the sensor receives induction signal again, it can work normally.
- When the sensor receives the second induction signals within the first induction, it will restart to time from the moment.
- Turn LUX knob anti-clockwise on the minimum (3). If the ambient light is less than 3LUX (darkness), the inductor load could work when it receives induction signal.

NOTE: **When testing in daylight, please turn LUX knob to ☼ (SUN) position, otherwise the sensor could not work!**

TEST

- Electrician or experienced human can install it.
- Can not be installed on the uneven and shaky surface.
- In front of the sensor there shouldn’t be obstructive object affecting detection.
- Avoid installing it near the metal and glass which may affect the sensor.
- For your safety, please don’t open the case if you find hitch after installation.

SOME PROBLEMS & THEIR SOLUTIONS:

The load does not work:

a. Check the power and the load.
b. Whether the indicator light is turned on after sensing? If yes, please check load.
c. If the indicator light is not on after sensing, please check if the working light corresponds to the ambient light.
d. Please check if the working voltage corresponds to the power source.

The sensitivity is poor:

a. Please check if in front of the sensor there shouldn’t be obstructive object that affect to receive the signals.
b. Please check if the signal source is in the detection fields.
c. Please check the installation height.

The sensor can’t shut automatically the load:

a. If there are continual signals in the detection fields
b. If the time delay is set to the longest.
c. If the power corresponds to the instruction.