

Instruccions DETECT-E

Detect – S is a new product adopting a microwave sensor with high frequency electromagnetic waves (5.8Ghz), gathering automatism, convenience, safety and energy saving in a smaller size. As soon as someone enters its detection field, Detect-S starts up almost instantly identifying day and night cycles. Detect-S can detect trough doors, glass and thin walls.

I. Specifications

Power Sourcing	220-240 V/AC
Frequency	50Hz
Detection Range	180°
Detection distance	5m - 15m (<24)
Ambient Light	3-2000LUX (aj.)
Time-Delay	Min. 10seg.±3seg. Max. 12min± 2min.
Load	Max. 1200W ⚡ 300W ⚡
Working temperature	-20~+40
Humidity	<93%RH
Power Consumption	aprox.0.9W
Intalling height	1-1,8m
Detection Motion speed	0.6-1.5m/s



II. Function

- Identify day and night automatically. Can adjust ambient light according to your desire: when turn to SUN (max), it will work in the daytime and at night. When turn to MOON (min), it will only work under less than 3LUX circumstance. As for Adjustment, please refer to testing way.
- Detect-S sensitivity can be set accordingly to your needs. If low sensitivity is needed, set the dial to 5 meters, otherwise turn the dial to 15 meters.
- Time-delay is added continually: when it receives the second induction signal after the first inductor, it will compute time once more on the rest of the first time-delay basic (Set time).
- Time-delay adjustment: it can be set according to your desire. The minimum is 10±3 sec; the maximum is 12±2min.

NOTA: The installation must be executed by a qualified professional, whom must follow these instructions rigorously. Read these instructions carefully before using this product. The High – Frequency output is lower than 0.2MW

III. Installation

- Turn off the power
- Open Detect –S faceplate and adjust the Time and Lux knob.
- Loosen the screws on the connection terminal and connect the power cables as shown in the diagram (figure 4).
- Detect – S can be installed in circular or square sockets. For round sockets put it and spray bolt on both sides (Figure 2). For square sockets fix the screws through the mounting hole. (figure 3).
- Put back the faceplate, and switch ON the power.

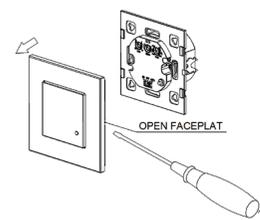


Figure 1

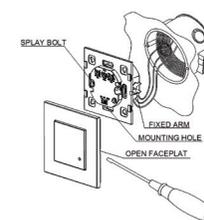


Figure 2

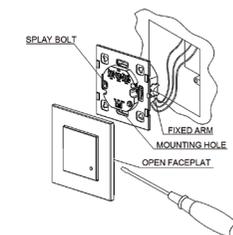
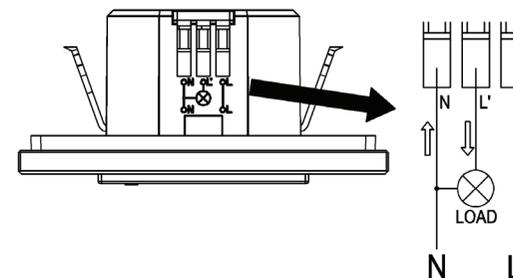


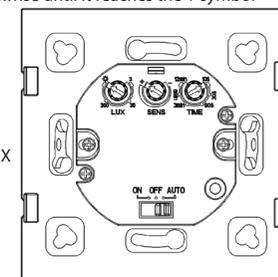
Figure 3

Connection Sketch (Figure 4):



IV. Test

- Set the LUX knob clockwise until the SUN symbol is reached, then turn SENS knob clockwise until it reaches the + symbol and turn the TIME knob anti-clockwise until the 10s is reached.
- Next switch on the power, if you followed the guide to this point it should start working, the light will turn on immediately turning off after 10s + 3 sec.
- Should it receive a second signal amidst the first cycle, the timer will add up, meaning that the overall timer the bulb stays on will increase.
- 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 lamp could not work!



V. Note

- Should be installed by electrician or experienced man.
Avoid installing it on the unrest objects.
There shouldn't be hindrance and moving object in front of the detection window effecting detection.
Considering your safety, please don't open the cover when you find the hitch after installation.
Avoid installing it near the metal and glass which may affect the sensor.

VI. Some problem and solved way

- The load don't work:
 - Please check the power and load connect is correct.
 - Check if the load is good
 - Check if the working light corresponds to the ambient light
- The sensitivity is poor:
 - Please check if there is hinder in front of the detection window to effect receiving the signals.
 - Please check if the signals source is in the detection fields.
 - Please check if the installation height corresponds to the height showed in the instruction.
- The sensor can't shut the load automatically:
 - Check if there are continual signals in the detection fields
 - Check if the time delay is set to the longest.
 - Check if the power corresponds to the instruction

