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Instructions WALL DETECT

The product adopts good sensitivity detector and integrated circuit. It gathers automatism, convenience, safety, saving-energy and practical functions. It utilizes the infrared energy from human as control-signal source and it can start the load at once when one enters detection field. It can identify day and night automatically. It is easy to install and used widely.

I. Specification

Power source	220-240V/AC
Detection range	120°
Power frequency	50Hz
Working temperature	-20~+40°C
Ambient light	<3-2000LUX (adjustable)
Working humidity	<93%RH
Time delay	10sec±3sec (min.) 7min±2min (max.)
Power consumption	approx. 0.5W
Rated load	Max. 1200W 300W
Detection moving speed	0.6-1.5m/s
Detection distance	2-9m (<24°C)

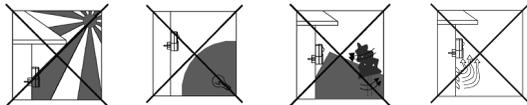


II. Function

- Can identify day and night: The consumer can adjust working state in different ambient light. 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 "moon" 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 9m 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.

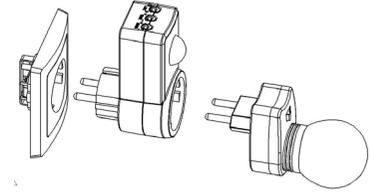
III. Installation advice

- As the detector responds to changes in temperature, avoid the following situations:
 - Avoid pointing the detector towards objects with highly reflective surfaces, such as mirrors etc.
 - Avoid mounting the detector near heat sources, such as heating vents, air conditioning units, light etc.
 - Avoid pointing the detector towards objects that may move in the wind, such as curtains, tall plants etc.



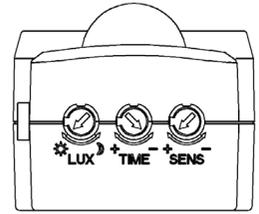
IV. Connection

- Fix the sensor socket in the place where you will want to install according to right figure.
- After installation of the sensor socket, connect it with lamp, then you could test it.



V. Test

- Turn LUX knob clockwise to the maximum (SUN). Turn TIME knob anti-clockwise to the minimum (-). Turn the SENS knob clockwise on the maximum.
- Switch on the power; the sensor and its connected lamp will have no signal at the beginning. After Warm-up 30sec, the sensor can start work. If the sensor receives the induction signal, the lamp will turn on. While there is no another induction signal any more, the load should stop working within 10sec±3sec and the lamp would turn off..
- Turn LUX knob anti-clockwise on the minimum (moon). If the ambient light is more than 3LUX, the sensor would not work and the lamp stop working too. If you cover the detection window with the opaque objects (towel etc), the sensor would work. Under no induction signal condition, the sensor should stop working within 10sec±3sec.



NOTE: when testing in daylight, please turn LUX knob to SUN position, otherwise the sensor lamp could not work! If the lamp is more than 60W, the distance between lamp and sensor should be 60cm at least.

VI. Some problems and solved way

- The load do not work:
 - Please check if the connection-wiring of power and load is correct.
 - Please check if the load is good.
 - Please check if the working light sets correspond to ambient light.
- The sensitivity is poor:
 - Please check if there has any hindrance in front of the detection window to affect to receive the signal.
 - Please check if the ambient temperature is too high.
 - Please check if the induction signal source is in the detection fields.
 - Please check if the installation height corresponds to the height showed in the instruction.
 - Please check if the moving orientation is correct.
- The sensor can not shut off the load automatically:
 - Please check if there is continual signal in the detection field.
 - Please check if the time delay is the longest.
 - Please check if the power corresponds to the instruction.



All responsibilities for defects or damages are hereby rejected, if caused by: incorrect assembling of the product; incorrect supply, use of lamps not suitable for this product; external agents. BLI_23.1_2015

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