



Instruction Manual

Motion Sensor (791-8260)



Main Construction Data:

| Type | Power Source | Power frequency | Time setting Min | Time setting Max | Remark |
|---------|--------------|-----------------|---------------------|---------------------|--|
| 7918260 | 220~240VAC | 50Hz | 8sec±3sec | 7min±2min | Light-control: <3LUX~daylight (adjustable) Detection range: 12m Max(<24°C) Detection angle: 180° Working temperature: -10°C~+40°C Working humidity: <93%RH Installation height: 0.5m~3.5m Installation height: 0.5m~3.5m Power consumption: 0.45W (static 0.1W) |

Summary

This product is a new type of energy-saving lighting switch, it adopts high sensitivity detector, integrate circuit and SMT;It gathers automatic, convenient, safe, energy-saving, practical functions; It has wide detection range made up of up and down, left and right service field; It utilizes human motion infrared rays as control signal sources, when one enters the detection field, it will start the controlled load at once; It can identify day and night automatically; It is easy to install and its usage is wide; It has the function of power indication and detection indication.

Function

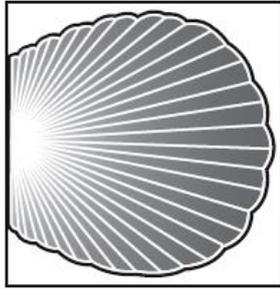
Detection field: The wide detection range is made up of up and down, left and right, the detection range could be adjusted according to your desire, but the moving orientation in detection field has great relation with the sensitivity;

Identify day and night automatically: The light-control of LX39 could be adjusted according to your desire: when turn to SUN (max), it will work day and night, when turn it to MOON (min), it will only work in the light-control less than 3LUX. As for adjustment, please refer to testing way;

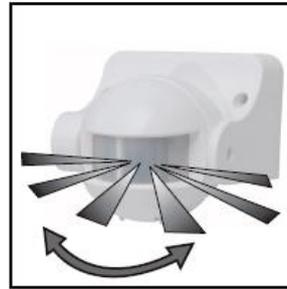
Time setting is added continually: When it receives the second induction signals after the first induction, it will compute time once more on the rest of the first time setting basis (set time);

Time setting is adjustable: It can be set according to your desire, the minimum is 8s±3s,the maximum is 7min±2min.

Sensor information



12m Correct moving orientation



180°/140° Detection angle

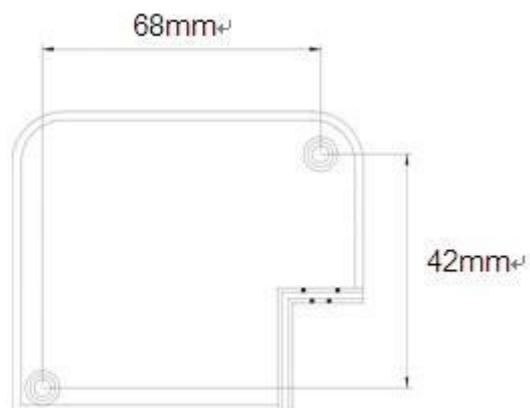
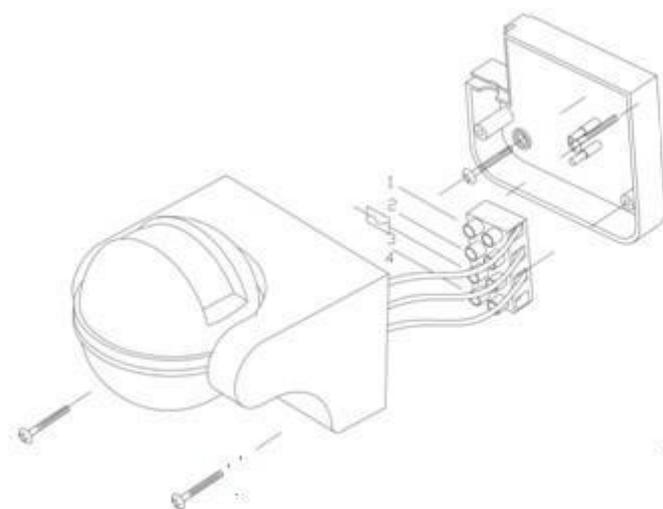
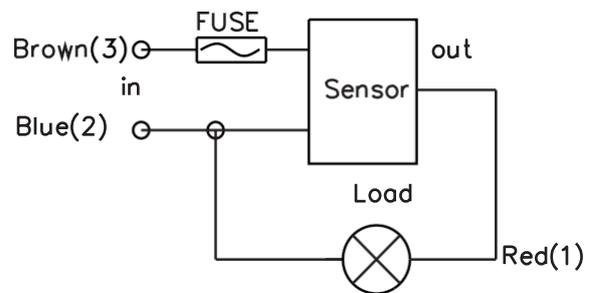
Connection-wire diagram

- 1 red
- 2 blue
- 3 brown
- 4 earthing

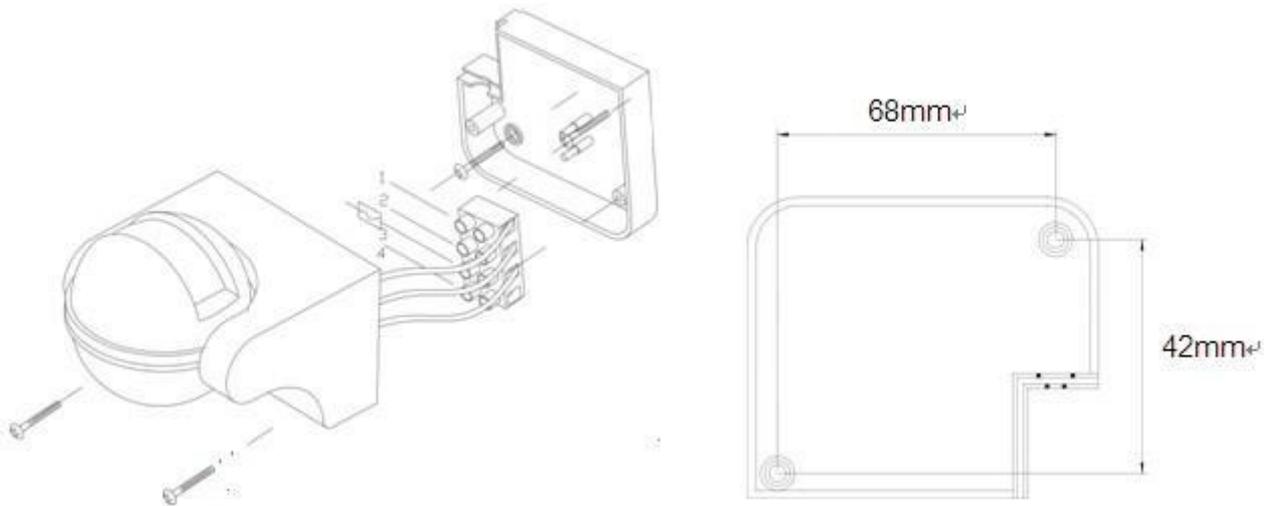
Connect 2 and 3 with power;

Connect 2 and 1 with load.

NOTE: The fuse in the figure is 6.3A and it should have VDE certification!



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diagram;



Test

Turn the light-control knob clockwise to the maximum (SUN), turn time knob anti-clockwise to the minimum; Switch on power, the controlled load should not work, under the no induction signal condition, the load should stop work within 5-30sec; Make it sense again 5-10sec later since the first is out, the load should work, the load should stop working within 5-20sec; Turn LUX knob to minimum anti-clockwise, if you test it when the light-control is more than 3LUX, the induction load would not work after the load stops working; the load should work if you cover the detection window with opaque object (towel etc),it would be regular the load stops to work within 5-15sec under no induction signal condition.

Note:

1. Should be installed by electrician or experienced person.
2. Avoid installing it on the unrest object.
3. There should be no hindrance and moving objects in front of the detection windows to effect detection.
4. Avoid installing it near air temperature alteration zones such as air condition, central heating, etc.
5. Considering your safety, please do not open the cover when you find the hitch after installation;
6. If there is difference between instruction and the function the product has, please give priority to product and sorry not to inform you additionally.

Some problem and solved way

1. The load do not work:
 - a: Please check if the connection-wiring of power and load is correct;
 - b: Please check if the load is good ;
 - c: Please check if the working light set correspond to light-control.
2. The sensitivity is poor:

- a: Please check if there has hinder in front of the detection window to effect to receive the signal;
- b: Please check if the ambient temperature is too high;
- c: Please check if the induction signal source is in the detection fields;
- d: Please check if the installation height corresponds to the height showed in the instruction;
- e: Please check if the moving orientation is correct.

3. The sensor can not shut off the load automatically:

- a: Please check if there is continual signal in the detection field;
- b: Please check if the time setting is the longest;
- c: Please check if the power correspond to the instruction;
- d: Please check if the temperature near the sensor change obviously, such as air condition or central heating etc.

Warning:

Please confirm with professional installation.

Please cut off power supply before installation and removal operations.

Make sure that you have cut off the power for safety purposes.

Improper operation causes losses; the manufacturer does not undertake any responsibility.

| Correct Disposal of this product | |
|---|--|
|  | <p>This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.</p> |