For your safety

**DANGER**

**HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH**

It is illegal for persons other than an appropriately licensed electrical contractor or other persons authorised by legislation to work on the fixed wiring of any electrical installation.

- To comply with all safety standards, the product must be used only for the purposes described in this instruction and must be installed in accordance with the wiring data and regulations in the location where it is installed.
- There are no user serviceable parts inside the product.

Failure to follow these instructions will result in death or serious injury.

Getting to know the movement detector

The PIR Sensor, 360deg, ceiling, dual channel (called sensor below) detects moving heat sources in its detection range (passive infra-red technology). At each detection it switches on a lamp (channel 1) and a ventilator (channel 2), for example. For each channel an adjustable period of time can be set.

Channel 1 switches, in case of a movement detection, only if the ambient light level is below the adjustable brightness threshold.

The movement detection for channel 2 is carried out brightness independent.

With the setting of pulse (for channel 1) the lamp is switched on for 1 s and off for 9 s or in case of movement detection. This cycle repeats as long as movement is detected.

For information on the area of detection, see

Selecting the installation site

The sensor is intended only for indoor dropped-ceiling mounting (e.g. office, hall).

The sensor should be installed in such a way that there are no light or heat sources in the area of detection, to avoid unwanted switching.

For information on the installation site, see

Mounting the sensor

For information on installation, see

After switching the supply voltage on, the sensor requires approximately 60 s (initialisation) until it is ready for operation.

Setting the sensor

For information on the operating elements, see

To reach the setting knobs, tick the sensor head, as far as possible.

1. **Time 1**

The time can be set variably from ‘pulse’, 30 s to 30 min. Timer starts counting from the latest detected movement. If there is no further movement within the time period, the LED indicator and connected lighting loads will remain on and the timer will keep running.

**Pulse (leftmost position):**
- The sensor reacts to any motion in the detecting area, and to the settings of lux level.
- When the sensor is activated, the LED indicator and connected lighting loads will remain on and the timer will keep running.

**Pause (leftmost position):**
- The sensor reacts to any motion in the detecting area, and to the settings of lux level.
- When the sensor is activated, the LED indicator and connected lighting loads will remain on and the timer will keep running.

2. **Time 2**

The time can be set variably from 10 to 15 min.

Timer starts counting from the latest detected movement. Within this time, no further movement in the detecting area, the LED indicator will remain on and the timer will keep running. The lux level setting is deactivated.

**Auto (leftmost position):**
- The lux level setting is deactivated.
- When the sensor is activated by motion, the red LED and connected lighting loads will be turned on for 3 seconds.

**Pulse (rightmost position):**
- The lux level setting is deactivated.
- When the sensor is activated by motion, the red LED and connected lighting loads will remain on and the timer will keep running.

**Pause (rightmost position):**
- The sensor reacts to any motion in the detecting area, and to the settings of lux level.
- When the sensor is activated, the LED indicator and connected lighting loads will remain on and the timer will keep running.

Setting the sensor

For information on the operating elements, see

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What should I do if there is a problem?

**Load is not switching on.**
- Ensure power supply
- Check the detection area.
- Increase detection brightness.

**Load is briefly switched on and off again.**
- Avoid reflecting surfaces in the detection range of the sensor.
- Increase ambient temperatures.
- Check the LED indicator and connected lighting loads for any defects.
- Change the time period to pulse (position leftmost or test position rightmost).

**Load is permanently switched on.**
- Check the connection of the sensor.
- Reduce time period.
- Increase the distance between the sensor and any heating, or conditioning in ventilation unit.

Maintenance and care

Clean the lens and the housing with a damp cloth when dirty.

Technical data

<table>
<thead>
<tr>
<th>Metric voltage</th>
<th>Load</th>
<th>Channel 1</th>
<th>Channel 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>220-240 V AC</td>
<td>5 A</td>
<td>max. 1000 W</td>
<td>100 W</td>
</tr>
<tr>
<td>100 V AC</td>
<td>5 A</td>
<td>max. 1000 W</td>
<td>100 W</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Incandescent lamps</th>
<th>max. 100 W</th>
</tr>
</thead>
<tbody>
<tr>
<td>LV Halogen lamps</td>
<td>max. 900 W</td>
</tr>
<tr>
<td>UV-Halogen lamps</td>
<td>max. 250 VA</td>
</tr>
<tr>
<td>Electronic transformers</td>
<td>max. 250 VA</td>
</tr>
<tr>
<td>Conventional transformers</td>
<td>max. 600 VA</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fluorescent lamps</th>
<th>max. 300 VA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Energy saving lamps</td>
<td>max. 100 W</td>
</tr>
<tr>
<td>Electronic transformers</td>
<td>max. 250 VA</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LED</th>
<th>max. 10 W</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. 0.5 A</td>
<td></td>
</tr>
<tr>
<td>Max. 10 A</td>
<td></td>
</tr>
</tbody>
</table>

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<th>100 W</th>
</tr>
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<td>10 A</td>
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<tr>
<th>Time period channel 1:</th>
<th>pulse, 30 s to 30 min</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time period channel 2 (brightness independent):</td>
<td>10 s to 15 min</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Detection range at mounting height of 2.5 m:</th>
<th>max. 360° / 7 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detection brightness:</td>
<td>5-2000 lx</td>
</tr>
<tr>
<td>Fuse</td>
<td>10 A circuit breaker</td>
</tr>
</tbody>
</table>

Warranty

Schneider Electric (Australia) Pty Ltd (‘Schneider Electric’) warrants this product to be free from defects in materials and workmanship for a period of three years from the date of installation. The benefits conferred herein are in addition to any other rights and remedies you may have at law in respect to this product. Australian and New Zealand customers please see the notes below.

**Australia:**

Australian Consumer Law specifies that our goods come with guarantees that cannot be excluded. You are entitled to a replacement or refund for a major failure. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

**New Zealand:**

This warranty is in addition to and does not affect your rights under applicable law, except where that law expressly provides otherwise. The Consumer Guarantees Act 1993 (NZ) will not apply if this product is purchased for the purpose of business. Schneider Electric holds the right to repair, replace, or refund any defective product. The cost of repair or replacement of a defective product is limited to the purchase price of the product only. Schneider Electric will not be responsible for the cost of transportation, removing, reinstalling, transferring (including return of the defective product to you) or re-testing a product.

**How to make a claim:** Contact your electrical wholesaler or local supplier of Schneider Electric, PDL or Clipsal branded products and provide the details of the date of purchase, description of load or connections and the circumstances of the failure. Please provide adequate particulars of the defect within 30 days of the fault occurring.

**Australia**

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Email: salesau.schneider-electric.com
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**Technical Sales Support**

For assistance and technical problems, contact your nearest Schneider Electric Sales representative.

Schneider Electric reserves the right to change specifications, modify designs and discontinue items without any obligation and whilst every effort is made to ensure that descriptions, specifications and other information in this catalogue are correct, for warranty is given in respect thereof and the company shall not be liable for any error therein.

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