

pirsensor

pirsensor fitting and operating instructions

energysense
energystyle
energyoutdoor

setup instructions for the pirsensor

Product: 374B-1 Three wire

Rating at 240V ac

- All load types 10A
- Time Delay 2min - 1h

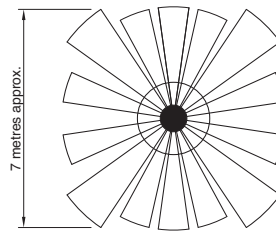
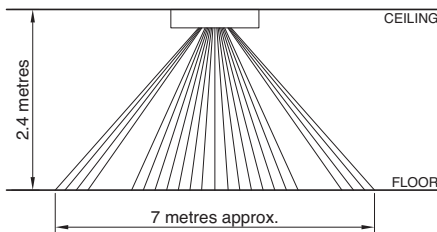
The pirsensor is part of the Elkay family of switches, timers and detectors which save energy and increase convenience in and around your home, garden or premises.

For your convenience this product comes complete with chrome and white fascia and surface mount box.

If used with contactors or low wattage fittings a power factor correction capacitor minimum of 2 microfarads may be required. These are available under our part reference PFCC-1. Where larger areas are to be covered please use additional PIRs connecting the live in terminals, live out terminals and neutral terminals.



Diagram 1



Installation Instructions for Single Use

IMPORTANT: Do not power up until instructed.

1. Remove unit from surface mount box by squeezing sides of box gently.
2. For surface mount, attach box to ceiling using appropriate fixings (not supplied). Insert PIR unit and replace white or chrome fascia onto unit as desired. The device can also be used in conjunction with standard BESA boxes where surface mount rigid conduits are used.
3. For flush mounting cut a 64mm hole to install into ceiling, attach cables and use cover cap and fixings supplied.
4. Select dip switch position for time delay required (See diagram 2).
5. Rotate lux level adjustment to the + for initialisation

6. Connect live in, switch live out and neutral connection.
7. Apply mains power to unit.
8. Adjust lux level to the desired setting. Please note the PIR should be carefully adjusted when considering ambient light levels.
9. The PIR will flash for 2-3 mins; this is the initialisation time and the product will not work until this is complete.

Operation instructions

1. Activation when body heat passes through the detection zones. (See diagram 1).
2. Re activation will return back to pre set time delay.
3. No detection within set time period the unit will repeatedly flash during the last minute of count down before switching off.

IMPORTANT NOTICE

All wiring should be carried out by a competent person or a qualified electrician and should be fitted to IEE 17th Edition Wiring regulations BS7671:2008.

Elkay

Call +44 (0) 1675 468222 or visit www.elkay.co.uk

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Positioning

Use the detection range to determine a suitable location for the sensor. When locating the position of the unit, ensure the sensor is not subjected to bright sunlight. Ensure that the sensor is not adjacent to the load. Do not site the unit on a vibrating surface or near forced air heating and ventilation (See diagram 1).

Diagram 2

Please note that the black bar denotes the position of the dip switch.

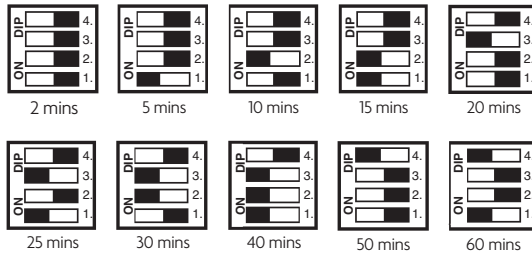


Diagram 3

Wiring diagram for a single unit.

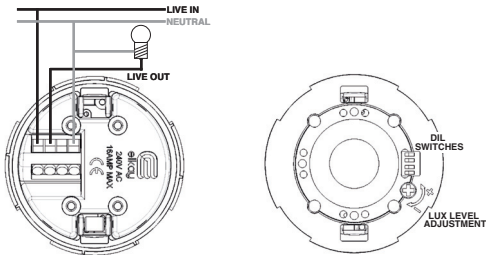
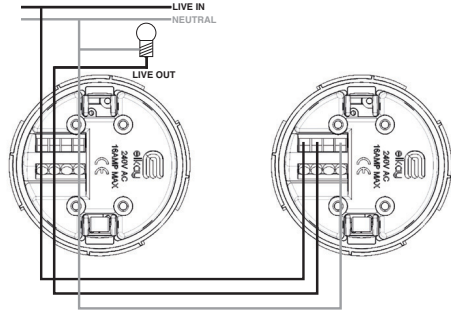


Diagram 4

Wiring diagram for wiring multiple devices together.



When connecting additional devices together see Diagram 4 and only utilise Live In, Live Out (Switch Live) and Neutral connections. For further wiring diagrams and more information on our products please visit our website on www.elkay.co.uk

IMPORTANT NOTICE

All wiring should be carried out by a competent person or a qualified electrician and should be fitted to IEE 17th Edition Wiring regulations BS7671:2008.

TECHNICAL HELPLINE

For further help or assistance or information on this or other products in the range please call the Elkay Technical team on 01675 468222. Please call the Technical helpline before returning any products to your stockist.



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