



CEFLPIR SEALED

White 0-6A
Quicklink: Q1CA7

General

Colour	White
Construction	Plastic
IP Rating	IP44

Dimensions

Cable Length	2m
Cut Out	64mm (Diameter)
Depth	65mm
Diameter	72mm

Electrical

Amperage	6A
Voltage	240V AC

The **PIR Flush Mounted Occupancy Switch** is a passive infrared switch that will turn on/off any type of connected load, including electronic control gear. Bring lights on only when area is occupied, then automatically turn off after an adjustable set time after the movement was detected. The built in photocell also has an override function which stops the lights coming on whenever there is sufficient daylight. This light level is also adjustable. Please see technical tab for more information.

For suspended or plasterboard ceilings. The sealed plastic construction protects against light splashes and condensation, ideal for bathrooms and shower rooms. The maximum load is 6 amps (240V AC) of any type of load. For larger loads, this product can be used to switch a contactor. For ceilings between 2.2 and 5m in height, a diameter around the sensor of 5m is where the infrared sensor operates at its strongest.

Technical

- Make sure power is switched off from the circuits you are working on by removing appropriate fuses, or switching off appropriate isolating switches.
- There are two adjustment spindles on the side of the switch labelled TIME and LUX.
TIME: Setting the 'TIME' adjustment determines how long the lights remains on after the switch has lost detected movement. This ranges from 10 seconds to 40 minutes in nine discrete steps as follows: 10, 20, 40 seconds, 1.25, 2.5, 5, 10, 20, 40 minutes. (These times are approximate to +/- 20%).
LUX: Incorporated into the switch is a photocell override function which stops the lights coming on whenever there is sufficient daylight. If the 'LUX' knob is set fully anticlockwise the lights will come on no matter how bright it is in the room. With the knob turned clockwise it has to get darker in the room before the occupancy switch will be able to turn the lights on.
- Turn on the power, when the switch will come on for about a minute for an automatic walk test. Stand away from the switch for a couple of minutes until the switch turns off. Movement near the switch should then cause it to switch on (subject to the room brightness and photocell setting), and then, if there is no more movement, it will go off after the set time lag.
- The detection range is in a cone approximately 2.5m to 3.5m radius as floor level when mounted between 2 to 3m above the floor.
It should be mounted over the area where activity is expected, such as over a desk.