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AUTOMATIC ENERGY CONTROL



Cost effective, energy saving PIR occupancy switches for commercial and domestic use

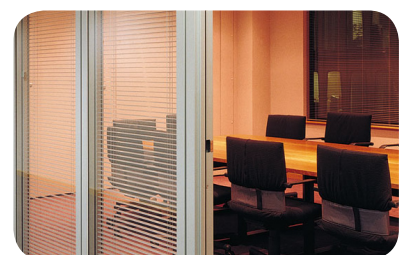


The Autenco range of PIR detector switches offer simple to install, cost effective, solutions for reducing energy consumption in the workplace and the home by switching lights or other connected loads off when an area is not occupied saving energy, money and CO2 emissions.

- Made in UK
- Effective and reliable
- 3 year warranty
- Exceptional value and performance
- Easy to fit, easy to adjust
- Fit and forget
- Energy saving, cost saving

The Autenco flush and surface mounted PIR switches are configurable for any room occupancy style, via Time and Lux level adjusters. They switch on the lighting load if the area is occupied and if the ambient lux level is less than the chosen adjusted level. They switch off the lighting load if the area is unoccupied for the set time. They are also suitable for non lighting loads.

The Autenco surface mounted PIR switch is available as either an absence detector or a presence detector.

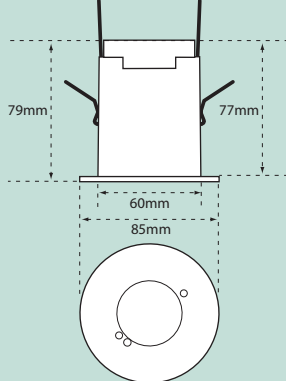




Ceiling Flush Mount PIR Presence Detector Switch - AUT PIR FL

The **Autenco** flush mounted PIR switch is suitable for easy mounting through a 73/75mm diameter hole into a ceiling void which is at least 95mm deep. Configurable for any room occupancy style, via Time and Lux level adjusters. It switches on the lighting load if the area is occupied and if the ambient lux level is less than the chosen adjusted level (10- to 1000 lux). It switches off the lighting load if the area is unoccupied for the set time (up to 40 minutes). It is also suitable for non lighting loads by setting the lux adjuster to the maximum point.

Ceiling void at least 78mm deep



TECHNICAL DETAILS FOR AUT PIR FL

Voltage:	220 - 240Vac, 50Hz
Loading:	1000W of Resistive loads 750W of Fluorescent loads 750W of Transformer loads 750W of CFL, LED and 2D lamps
Minimum load:	2W resistive, suitable for most energy saving lamps, LED's and emergency fittings
IP rating:	IP20
Detection range:	360 degrees with 5m diameter when mounted at a 2.4m ceiling height
Time:	10 seconds to 40minutes in 9 steps
Lux:	30 to 1000 lux and maximum (photocell inactive) at the PIR

PRESENCE DETECTION - AUT PIR FL

When someone enters a room the lights are turned on automatically by the Autenco Presence Detector Switch AUT PIR FL. When no movement is detected (after a pre-selected time) the Autenco Presence Detector Switch turns the lighting off.

LUX SET UP

Note: For loads which should turn on regardless of ambient light levels, set Lux to maximum (Photocell inactive). It is best to set Lux when the ambient light level is at the required minimum level. Set Lux to the minimum and wait for the load to switch off.

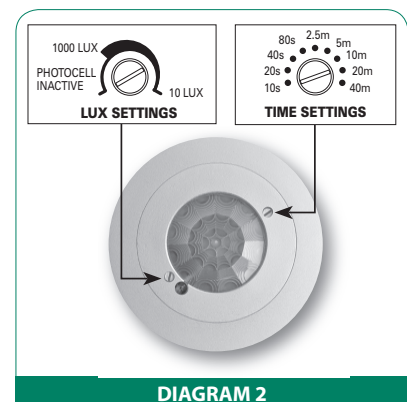
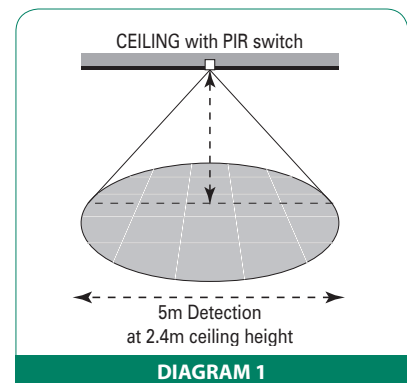
Keeping to the side of the PIR, slowly increase Lux whilst waving your hand below the PIR until the lighting load switches on.

TIME SET UP

With Time set to maximum (40minutes) it halves at each point as moved towards minimum i.e. From max to min: 40, 20, 10, 5, 2.5 minutes, 80, 40, 20, 10 seconds. The Time adjuster should be set appropriately for the usage of the area, for example some possible settings could be:

Offices with workers regularly walking	20minutes
Offices with mainly desk based workers	40minutes
Corridors	5minutes
Washrooms with total coverage	10minutes
Washrooms with entry coverage only	40minutes
2D fittings*	20 minutes (minimum)

* Not less than 20 minutes due to potential lamp failure. If in doubt contact your lamp manufacturer.



For installation instructions: www.autenco.co.uk

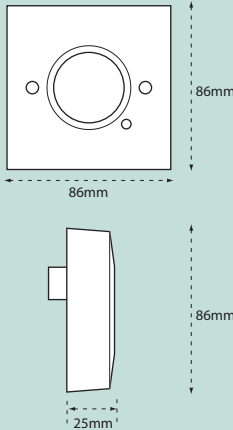
For sales information: 07879 551 597.

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Ceiling Surface Mount PIR Presence Detector Switch - AUT PIR SP

The **Autenco** Surface mounted PIR switch is suitable for mounting onto a back box at least 16mm deep. Configurable for any room occupancy style, via Time and Lux level adjusters. It switches on the lighting load if the area is occupied and if the ambient lux level is less than the chosen adjusted level (10 to 1000 lux). It switches off the lighting load if the area is unoccupied for the set time (up to 40 minutes). It is also suitable for non lighting loads by setting the lux adjuster to the maximum point.



TECHNICAL DETAILS FOR AUT PIR SP

Voltage:	220 - 240Vac, 50Hz
Loading:	1000W of Resistive loads 750W of Fluorescent loads 750W of Transformer loads 750W of CFL, LED and 2D lamps
Minimum load:	2W resistive, suitable for most energy saving lamps, LED's and emergency fittings
IP rating:	IP20
Detection range:	360 degrees with 5m diameter when mounted at a 2.4m ceiling height
Time:	10 seconds to 40minutes in 9 steps
Lux:	30 to 1000 lux and maximum (photocell inactive) at the PIR

PRESENCE DETECTION - AUT PIR SP

When someone enters a room the lights are turned on automatically by the Autenco Presence Detector Switch AUT PIR SP. When no movement is detected (after a pre-selected time) the Autenco Presence Detector Switch turns the lighting off.

LUX SET UP

Note: For loads which should turn on regardless of ambient light levels, set Lux to maximum (Photocell inactive). It is best to set Lux when the ambient light level is at the required minimum level. Set Lux to the minimum and wait for the load to switch off.

Keeping to the side of the PIR, slowly increase Lux whilst waving your hand below the PIR until the lighting load switches on.

TIME SET UP

With Time set to maximum (40minutes) it halves at each point as moved towards minimum i.e. From max to min: 40, 20, 10, 5, 2.5 minutes, 80, 40, 20, 10 seconds. The Time adjuster should be set appropriately for the usage of the area, for example some possible settings could be:

Offices with workers regularly walking	20minutes
Offices with mainly desk based workers	40minutes
Corridors	5minutes
Washrooms with total coverage	10minutes
Washrooms with entry coverage only	40minutes
2D fittings*	20 minutes (minimum)

* Not less than 20 minutes due to potential lamp failure. If in doubt contact your lamp manufacturer.

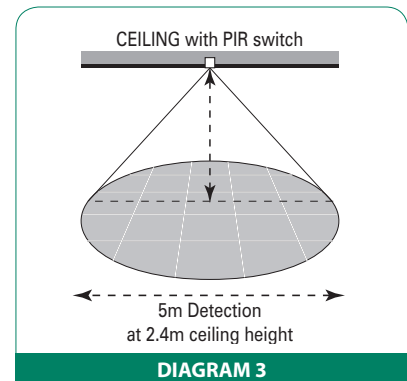


DIAGRAM 3

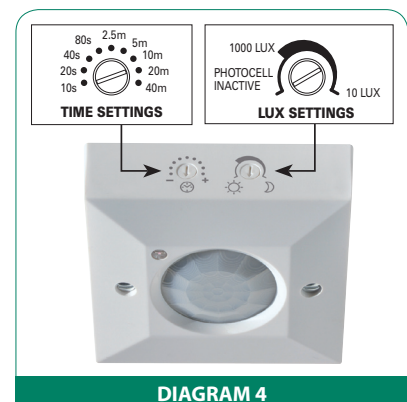


DIAGRAM 4

For installation instructions: www.autenco.co.uk

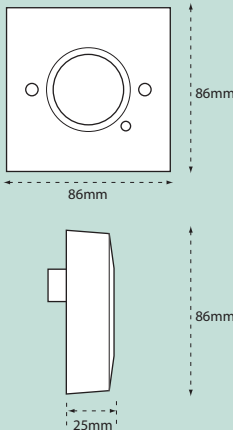
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Ceiling Surface Mount PIR Absence Detector Switch - AUT PIR SA

The **Autenco** Surface mounted Absence switch is suitable for mounting onto a back box at least 16mm deep. Configurable for any room occupancy style, via Time and Lux level adjusters. It switches on the lighting load when the connected momentary make switch is activated provided the ambient lux level is less than the chosen adjusted level (10 to 1000 lux). It switches off the lighting load if the area is unoccupied for the set time (up to 40 minutes). It is also suitable for non lighting loads by setting the lux adjuster to the maximum point.



TECHNICAL DETAILS FOR AUT PIR SA

Voltage:	220 - 240Vac, 50Hz
Loading:	1000W of Resistive loads 750W of Fluorescent loads 750W of Transformer loads 750W of CFL, LED and 2D lamps
Minimum load:	2W resistive, suitable for most energy saving lamps, LED's and emergency fittings
IP rating:	IP20
Detection range:	360 degrees with 5m diameter when mounted at a 2.4m ceiling height
Time:	10 seconds to 40minutes in 9 steps
Lux:	30 to 1000 lux and maximum (photocell inactive) at the PIR

ABSENCE DETECTION - AUT PIR SA

When someone enters a room the lights are turned on using a momentary light switch in the usual way. When the occupant leaves the room or area of detection the Autenco Absence Detector Switch AUT PIR SA automatically switches the lights off after a pre-selected time.

LUX SET UP

Note: For loads which should turn on regardless of ambient light levels, set Lux to maximum (Photocell inactive). It is best to set Lux when the ambient light level is at the required minimum level. Set Lux to the minimum and wait for the load to switch off.

Keeping to the side of the PIR, slowly increase Lux whilst waving your hand below the PIR until the lighting load switches on.

TIME SET UP

With Time set to maximum (40minutes) it halves at each point as moved towards minimum i.e. From max to min: 40, 20, 10, 5, 2.5 minutes, 80, 40, 20, 10 seconds. The Time adjuster should be set appropriately for the usage of the area, for example some possible settings could be:

Offices with workers regularly walking	20minutes
Offices with mainly desk based workers	40minutes
Corridors	5minutes
Washrooms with total coverage	10minutes
Washrooms with entry coverage only	40minutes
2D fittings*	20 minutes (minimum)

* Not less than 20 minutes due to potential lamp failure. If in doubt contact your lamp manufacturer.

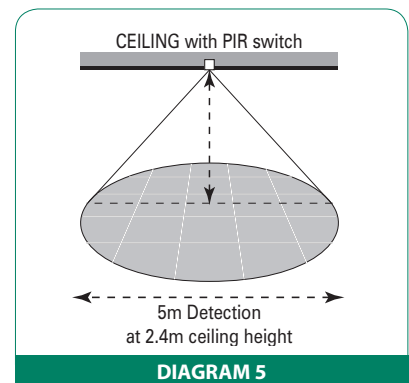


DIAGRAM 5

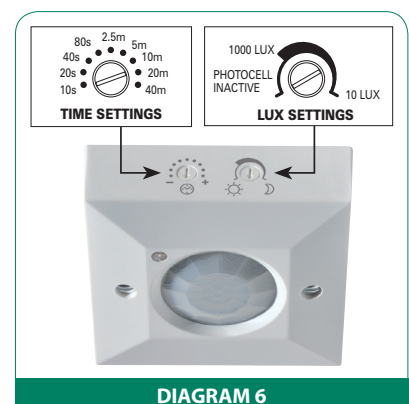


DIAGRAM 6

For installation instructions: www.autenco.co.uk

For sales information: 07879 551 597.

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