

TIMERS & SWITCHES

Microwave Motion Sensor



Description

The 380A-1 Microwave Motion Sensor is a high performance presence detector with built in Lux level and sensitivity adjustment.

The unit sends out a high frequency sound wave over a range of up to 30 metres and is switched ON by changes to the sound wave caused by movement within the detection zone. With no changes to the sound wave, the unit will switch OFF after the adjustable time period has elapsed.

The intelligent Lux level adjustment, measures the ambient light levels and prevents the lighting being switched ON when there is sufficient light in the room. It also has a sensitivity range adjustment pot.

Key features:

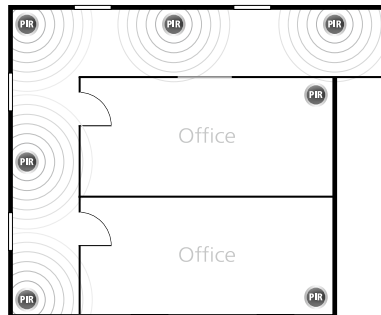
- 16A any load type (requires Capacitor PFCC-1 for all types of low wattage and LED loads)
- 3 wire (Live, switch live and neutral required)
- Time settings from 2 mins to 2 hours
- Wall mounted for best coverage but can be ceiling mounted if required
- 30m detection range utilising an elliptical beam
- Lux level/Daylight adjustment
- Clip on front cover to conceal screws
- Sensitivity Adjustment
- Option to retrofit into existing systems

Part No.	Type	Configuration	Finish	Rating
380A-1	Microwave Motion Sensor	3 Wire	White	16A-240V

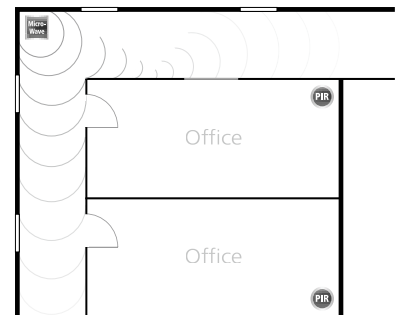
See Technical pages 48-56 for wiring diagrams.

01 When using PIRs in long corridors or spaces, there is often a need to position them every 6 to 8 metres. This incurs additional cabling, labour and connection costs at install. Maintenance costs over time are also increased from a PPM perspective as there are more devices to check and maintain.

02 With the Elkay Microwave detector 380A-1 mounted on the wall only one device is needed to cover areas up to 30 metres with lateral cover provided for up to 8 metres which increases overall flexibility. Microwave Detectors reduce cabling, connection, labour and future PPM costs simply because fewer detectors are needed. They can be mounted from 1.2 to 2.5m in height and should be wall mounted for best effect. They can also be used in hi bay lamps that are PL types or hot re-strike luminaires.



01



02