

MWS1

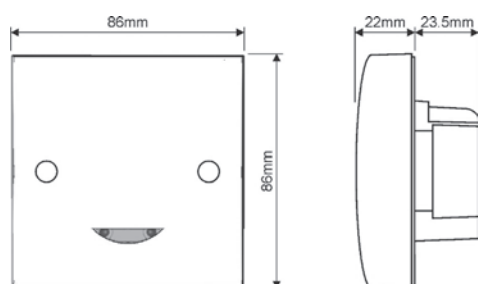
- These detectors detect movement within its range and can be used to control lighting, heating or water shut off functions. An adjustable integral light level sensor will inhibit the switching on of lights if the ambient lighting is already sufficient. Adjustment of light level, time delay and sensitivity is by a hand held programming handset UHS5 which should be ordered at the same time.



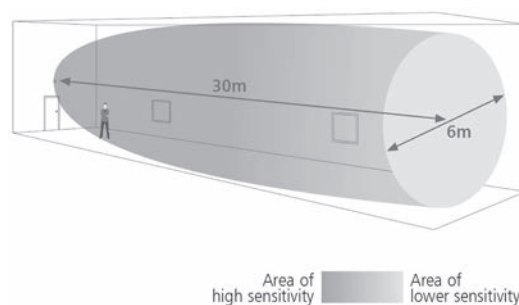
Size 86x86x22 projecting from wall.
Adjustable time delay 10 secs to 99min.
Terminals 2.5mm².
Casing flame retardant ABS class 2.
Wall mount 1.2 to 1.5 metres from floor.

Type	Mounting	Supply	Load	Power consumption
MWS1A-PRM	Flush, wall mounting	230VAC	10A	ON 1.15W OFF 790mW
MWS1A-PRM-LV	Flush, wall mounting	24VDC	16A resistive/ 10A inductive	ON 1.01W OFF 790mW
UHS5	Hand Set			

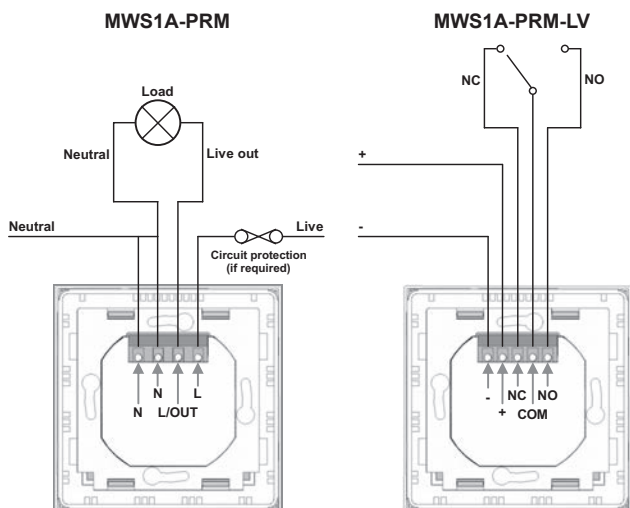
DIMENSIONS



DETECTION PATTERN



WIRING:



INSTALLATION

Do not site within 1m of any lighting or ventilation equipment.
Do not fix to a vibrating surface.
Site as far as possible from the surface of metal objects.

PROGRAMMING USING THE HAND SET

Parameter Name	Default Value	Number of Shift key presses			UHS5 Handset Graphics	Description
		0	1	2		
Button Activation						
On / Raise	On					Turn lights on.
Off / Lower	Off					Turn lights off.
Walk test	Off	On	Off			When set to On this causes a red LED to flash on the sensor when it detects movement. Use this feature to check for adequate sensitivity levels.
Time Out (Time adjustment)	10 mins	1, 10 & 20 minutes	5, 15 & 30 minutes			Once the detector is turned on, this value sets how long the lights will stay on once movement has ceased.
Lux on level (Switch level on)	9	2, 5 & 7	4, 6 & 9			Lux level setting to prevent the luminaires being switched on if the ambient light level is sufficient (adjustable between 1 and 9). Level 9 will always be switched on at level 9.
Lux off level (Switch level off)	9	2, 5 & 7	4, 6 & 9			Lux level setting to switch the luminaires off during occupancy if the ambient light level goes above the setting (adjustable between 1 and 9). Level 9 will always keep the lights on. This setting can be used for "window row switching".
Sensitivity	9	1, 5 & 9	3, 6 & 8			Sensitivity level for detecting movement. 1 = low sensitivity 9 = high sensitivity
Defaults			D			Returns the unit to the default settings.
Presence / Absence	Presence	Presence	Absence			Absence mode not implemented—do not use.
Shift						Use this button to select the settings in red and blue signified by the 'Shift 1' and 'Shift 2' LEDs

Point the hand set at the Sensor and send the required programming commands to the unit as shown below. Valid commands will be indicated by a green LED flash.

NOTES:

The microwave radiation emitted by these units is of extremely low power. At a distance greater than 50mm the power density is less than 6% of the ANSI IEE C95.1-1991 power density. At a distance of 5mm from the unit it is less than 84% of the recommended power density.