MWS1A-IP-PRM-LV | Rugged, long range, surface mounted, wall, microwave presence detector, low voltage
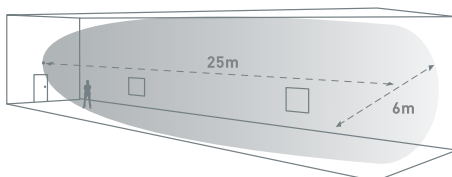

Key Product Features:

- Presence detection
- Low voltage
- Unobtrusive design – vandal resistant
- IP66 rated enclosure
- Built in lux level sensing – enhanced energy saving
- Low voltage and volt free options – suitable for BMS and other control applications
- Detection range of up to 25 metres
- Suitable for heating and ventilation applications
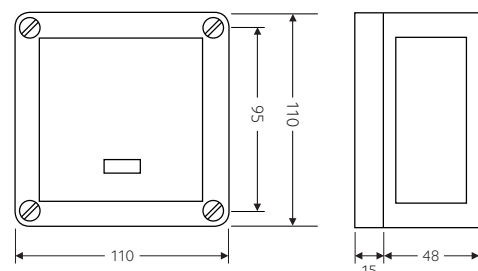- 5 year warranty

Key Functions:

- User handset available to control on/off and lux levels
- Suitable for all lighting types
- Absence detection functionality

Detection pattern

high ‹ sensitivity › low

25m
6m

Dimensions (mm)

110
95
110
15
48

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Technical Data

Part Code	MWS1A-IP-PRM-LV
Weight	0.250kg
Supply Voltage AC	10–26.5 VAC
Supply Voltage DC	11.5–36 VDC
Power consumption parasitic	712mW
Terminal capacity	2.5mm²
Min load	100mA
Max load:	
Incandescent lighting	10A
Fluorescent lighting	10A
Compact fluorescent lighting	10A
LED lighting	10A
Resistive heaters	16A
Fans and ventilation equipment	3A
Time out range	10 seconds to 99 minutes
Max power factor correction capacitance	40μF
Working temperature range	-10 to 50ºC
Humidity	5 to 95% non-condensing
Material (casing)	Polystyrene
Insulation class	2
Microwave frequency	10.587GHz
IP rating	66
Compliance	CE EMC-2004/108/EC LVD-2006/95/EC

Accessories and Associated Products

Part Number	Description
UHS5	Compact, programming/ commissioning handset

Important notice:

This device should be installed by a qualified electrician in accordance with the latest edition of the IEE Wiring Regulations and the applicable Building Regulations.

Due to our policy of continual product improvement CP Electronics reserves the right to alter the specification of this product without prior notice.

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