

## MWS1A

Fully functional microwave detection

# Plate Mounted Microwave Sensor

CP Electronics' new MWS1A presence detector range builds on their already tried and trusted detection technology to give you even more functionality for your lighting control needs.

This innovative range has been designed to save you energy and reduce cost by automatically turning lights on and off.

With a whole host of features and benefits, the MWS1A puts you in total control of your lighting.

### Features and benefits:

- Presence detection, with programmable absence option<sup>1</sup>
- Easily setup using CP's latest infrared handset – no need to remove unit to re-program
- Detection range of up to 30 metres when wall mounted
- Ultra low 'stand-by' power consumption<sup>2</sup>
- Manual override options using the unique, touch-free proximity sensor activated by placing your hand in front of the unit
- Suitable for heating and ventilation applications
- Compatible with European back boxes

<sup>1</sup> Wall mounted non IP versions only    <sup>2</sup> From 269mW in 'Off Absence' mode



Proximity sensor in use



New UHS5 infrared handset being used



Ceiling mounted and IP versions

### Applications



Clinics  
Automatic switching for sterile areas



Schools  
Cost-effective, energy saving control



Kitchens  
Touch-free operation increases hygiene



Hotels  
Comfort and safety for occupants

## Wall Mounted - range 6m at 30m mounting distance

Order Code	Description	Supply Voltage	Load Rating at 230VAC				Time Delay	Power consumption		
			R	I	F	CF		On	Off in presence	Off Absence
<b>MWS1A-PRM</b>	Wall mounted microwave presence detector	230VAC	10A	10A	10A	10A	15s–30m	1.15W	790mW	270mW
<b>MWS1A-IP-PRM</b>	Moisture-proof wall mounted microwave presence detector	230VAC	10A	10A	10A	10A	15s–30m	1.15W	790mW	270mW
<b>MWS1A-PRM-LV</b>	Wall mounted microwave presence detector - low voltage	11.5VDC–36VDC 10VAC–26.5VAC	16A	10A	10A	10A	15s–30m	1.01W	712mW	269mW
<b>MWS1A-IP-PRM-LV</b>	Moisture-proof wall mounted microwave presence detector - low voltage	11.5VDC–36VDC 10VAC–26.5VAC	16A	10A	10A	10A	15s–30m	1.01W	712mW	269mW
<b>MWS1A-PRM-VFC</b>	Wall mounted microwave presence detector - volt free contact	230VAC	6A	3A	6A	3A	15s–30m	1.15W	790mW	270mW
<b>MWS1A-IP-PRM-VFC</b>	Moisture-proof wall mounted microwave presence detector - volt free contact	230VAC	6A	3A	6A	3A	15s–30m	1.15W	790mW	270mW

R = Resistive I = Incandescent F = Fluorescent CF = Compact Fluorescent

Product variants are available where a different regional frequency is required.

## Ceiling Mounted - range 10m at 2.8m mounting height

Order Code	Description	Supply Voltage	Load Rating at 230VAC				Time Delay	Power consumption		
			R	I	F	CF		On	Off in presence	Off Absence
<b>MWS1A-C-PRM</b>	Ceiling mounted microwave presence detector	230VAC	10A	10A	10A	10A	15s–30m	1.15W	790mW	270mW
<b>MWS1A-C-IP-PRM</b>	Moisture-proof ceiling mounted microwave presence detector	230VAC	10A	10A	10A	10A	15s–30m	1.15W	790mW	270mW
<b>MWS1A-C-PRM-LV</b>	Ceiling mounted microwave presence detector - low voltage	11.5VDC–36VDC 10VAC–26.5VAC	16A	10A	10A	10A	15s–30m	1.01W	712mW	269mW
<b>MWS1A-C-IP-PRM-LV</b>	Moisture-proof ceiling mounted microwave presence detector - low voltage	11.5VDC–36VDC 10VAC–26.5VAC	16A	10A	10A	10A	15s–30m	1.01W	712mW	269mW
<b>MWS1A-C-PRM-VFC</b>	Ceiling mounted microwave presence detector - volt free contact	230VAC	6A	3A	6A	3A	15s–30m	1.15W	790mW	270mW
<b>MWS1A-C-IP-PRM-VFC</b>	Moisture-proof ceiling mounted microwave presence detector - volt free contact	230VAC	6A	3A	6A	3A	15s–30m	1.15W	790mW	270mW

R = Resistive I = Incandescent F = Fluorescent CF = Compact Fluorescent

Product variants are available where a different regional frequency is required.

