

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 option¹
- 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 consumption²
- 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.

¹ Wall mounted non IP versions only ² 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
MWS1A-PRM	Wall mounted microwave presence detector	230VAC	10A	10A	10A	10A	15s–30m	1.15W	790mW	270mW
MWS1A-IP-PRM	Moisture-proof wall mounted microwave presence detector	230VAC	10A	10A	10A	10A	15s–30m	1.15W	790mW	270mW
MWS1A-PRM-LV	Wall mounted microwave presence detector - low voltage	11.5VDC–36VDC 10VAC–26.5VAC	16A	10A	10A	10A	15s–30m	1.01W	712mW	269mW
MWS1A-IP-PRM-LV	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
MWS1A-PRM-VFC	Wall mounted microwave presence detector - volt free contact	230VAC	6A	3A	6A	3A	15s-30m	1.15W	790mW	270mW
MWS1A-IP-PRM-VFC	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
MWS1A-C-PRM	Ceiling mounted microwave presence detector	230VAC	10A	10A	10A	10A	15s–30m	1.15W	790mW	270mW
MWS1A-C-IP-PRM	Moisture-proof ceiling mounted microwave presence detector	230VAC	10A	10A	10A	10A	15s–30m	1.15W	790mW	270mW
MWS1A-C-PRM-LV	Ceiling mounted microwave presence detector - low voltage	11.5VDC–36VDC 10VAC–26.5VAC	16A	10A	10A	10A	15s–30m	1.01W	712mW	269mW
MWS1A-C-IP-PRM-LV	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
MWS1A-C-PRM-VFC	Ceiling mounted microwave presence detector - volt free contact	230VAC	6A	3A	6A	3A	15s-30m	1.15W	790mW	270mW
MWS1A-C-IP-PRM-VFC	Moisture-proof ceiling mounted microwave presence detector - volt free contact	230VAC	6A	3A	6A	3A	15s-30m	1.15W	790mW	270mW

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