

## MWS6 | Compact, flush mounted, ceiling, microwave presence/absence detectors



The MWS6 is a mid-range microwave presence/absence detector for the automatic control of lighting, heating and ventilation.

### Key Product Features:

- Low profile design
- Self contained unit
- Pluggable
- IP40 rated.

### Available control methods

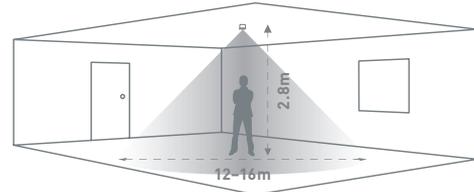
- PRM – Switching
- DD – DALI/DSI dimming
- AD – Analogue dimming
- KNX

### Available options

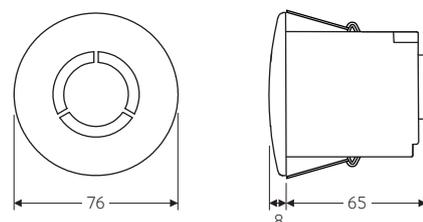
- LV – Low voltage
- VFC – Voltage free contact
- 2CH – 2 channel
- 2CH-NC – 2 channel normally closed for fail safe applications

### Detection pattern

high < sensitivity > low



### Dimensions (mm)



## Technical Data

Part Code	MWS6-PRM	MWS6-DD	MWS6-AD
<b>Control method</b>	PRM Switching	DALI/DSI Digital Dimming	1–10V Analogue Dimming
<b>IP rating</b>	40	40	40
<b>Device/ballast control</b>	–	up to 20 drivers/ballasts	up to 10 drivers/ballasts
<b>Weight (kg)</b>	0.15	0.15	0.15
<b>Supply voltage (AC)</b>	230 VAC +/- 10%	230 VAC +/- 10%	230 VAC +/- 10%
<b>Supply frequency (Hz)</b>	50	50	50
<b>Power consumption parasitic (mW)</b>	665mW	–	690mW
<b>Terminal capacity</b>	2.5mm <sup>2</sup>	2.5mm <sup>2</sup>	2.5mm <sup>2</sup>
<b>Maximum loads</b>			
Incandescent lighting (INC)	10A	10A	10A
Fluorescent lighting (F)	10A	10A	10A
Compact fluorescent lighting (CF)	10A	10A	10A
LED lighting (LED)	10A	10A	10A
Resistive heaters (RH)	10A	10A	10A
<b>Working temperature range (°C)</b>	-10 to 50	-10 to 50	-10 to 50
<b>Humidity</b>	5 to 95% non-condensing	5 to 95% non-condensing	5 to 95% non-condensing
<b>Material (casing)</b>	Flame retardant ABS and PC/ABS	Flame retardant ABS and PC/ABS	Flame retardant ABS and PC/ABS
<b>Insulation class</b>	Class 2	Class 2	Class 2
<b>Compliance</b>	EMC-2014/30/EU, LVD-2014/35/EU	EMC-2014/30/EU, LVD-2014/35/EU	EMC-2014/30/EU, LVD-2014/35/EU
<b>Time out range</b>	10s–99m	10s–99m	10s–99m
<b>Cutout diameter</b>	64mm	64mm	64mm
<b>Microwave frequency</b>	5.8 GHz	5.8 GHz	5.8 GHz
<b>Installation</b>	Independent flush mounted, electronic control	Independent flush mounted, electronic control	Independent flush mounted, electronic control

 <p>www.cpelectronics.co.uk</p>	<p>CP Electronics A Business unit of Legrand Electric Limited, Brent Crescent, London NW10 7XR, UK t. +44 (0)333 900 0671 info@cpelectronics.co.uk</p> <p>connect with us    </p>	<p><b>Important notice:</b> 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.</p> <p>Due to our policy of continual product improvement CP Electronics reserves the right to alter the specification of this product without prior notice.</p> <div style="text-align: right;">   </div>
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