

MWS3A | Adjustable head, flush mounted, ceiling, microwave presence/absence detectors



Unlike fixed head microwave detectors the MWS3A offers a unique presence/absence detection capability by using an adjustable head.

Key Product Features:

- Unique adjustable head design to achieve the required detection pattern
- Locking mechanism to prevent tampering
- Can be flush or surface mounted
- IP40 rated.

Available control methods

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

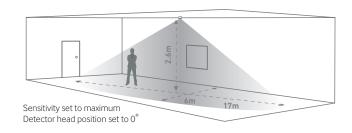
Available options

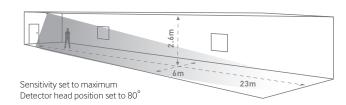
- ▶ LV Low voltage
- VFC Voltage free contact
- ◆ 2CH 2 channel
- 2CH-NC 2 channel normally closed for fail safe applications

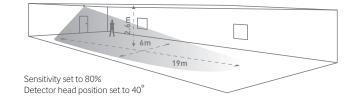


Detection pattern

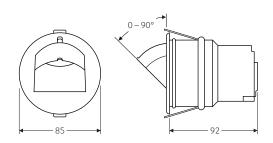








Dimensions (mm)



Technical Data

Part Code	MWS3A-PRM	MWS3A-DD	MWS3A-AD
Control method	PRM Switching	DALI/DSI Digital Dimming	1–10V Analogue Dimming
IP rating	40	40	40
Device/ballast control	-	up to 20 drivers/ballasts	up to 10 drivers/ballasts
Weight (kg)	0.15	0.15	0.15
Supply voltage (AC)	230 VAC +/- 10%	230 VAC +/- 10%	230 VAC +/- 10%
Supply frequency (Hz)	-	-	50
Power consumption parasitic (mW)	910mW	961mW	959mW
Terminal capacity	2.5mm²	2.5mm²	2.5mm²
Maximum loads			
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
Fans & ventilation equipment (F&V)	10A	10A	10A
Working temperature range (°C)	-10 to 50	-10 to 50	-10 to 50
Humidity	5 to 95% non-condensing	5 to 95% non-condensing	5 to 95% non-condensing
Material (casing)	Flame retardant ABS and PC/ABS	Flame retardant ABS and PC/ABS	Flame retardant ABS and PC/ABS
Insulation class	Class 2	Class 2	Class 2
Compliance	EMC-2014/30/EU, LVD-2014/35/EU	EMC-2014/30/EU, LVD-2014/35/EU	EMC-2014/30/EU, LVD-2014/35/EU
Time out range	10s-99m	10s-99m	10s-99m
Cutout diameter	74mm	74mm	74mm
Purpose	Sensing control	Sensing control	Sensing control
Installation	Independent flush mounted, electronic control	Independent flush mounted, electronic control	Independent flush mounted, electronic control



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

www.cpelectronics.co.uk

connect with us 💆 in 📑 🛗





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.



