





The MWS6 is a mid-range microwave presence/absence detector for the automatic control of lighting, heating and ventilation. The detector is available for either flush or surface mounting.

This flush unit's low profile design means it can be mounted into a ceiling tile. Its reduced head size makes it unobtrusive to occupants.

Key Product Features	
Flush mount	Surface mounted
Low profile design	IP55 rated
Self contained unit	Self contained unit
Pluggable	Easy to install via a back plate

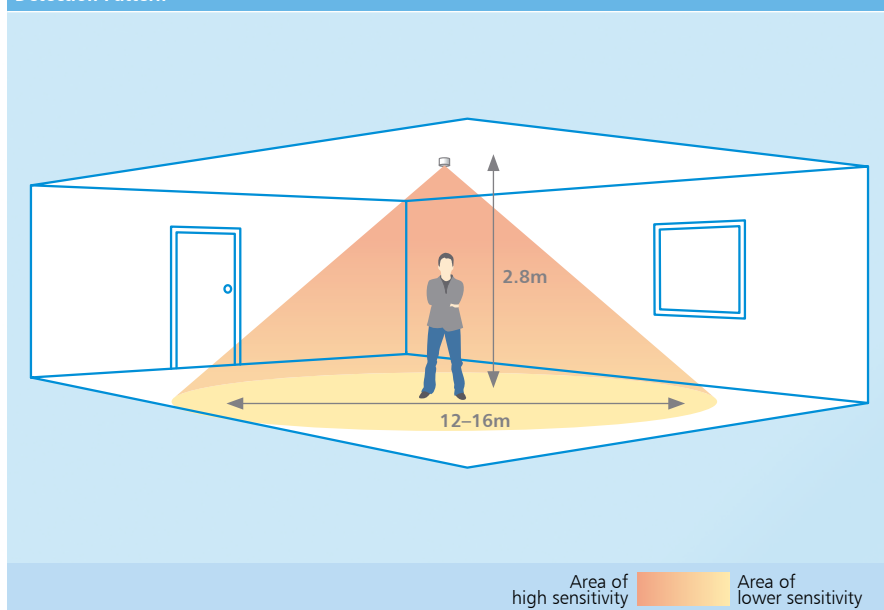
Switching Detectors	
PRM version functionality	PRM 
Switching with lux level sensing (IR handset adjustment)	
Active photocell	
Time delay function	
Presence detection switching	
Absence detection switching	
Programmable via IR handset	
Adjustable detection sensitivity	
On/off override via optional IR handset	
Manual on/off override via switch input	

Dimming Detectors	
DD and AD version functionality (in addition to PRM)	
Dimming functionality	
Two channel flexibility	
Step-down illuminance	
Maintained illuminance (daylight harvesting)	
Burn in feature for fluorescent tubes	
Control of DALI, DSI or 1–10V loads depending on product	
Integral relay to reduce parasitic power	
Suitable for all lighting types	
Manual dimming with IR	
Manual dimming with switch inputs	

Selected switching detectors are available with the following options	
Low voltage 12–24V AC/DC	
Voltage free contact	
2 channel	
2 channel normally closed for fail-safe applications	
Contact our sales office for the variants available	

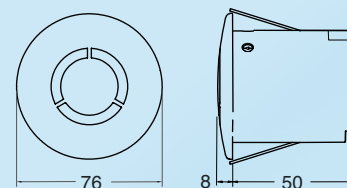
 **Learn more about detector types on pages 11–13**

Detection Pattern

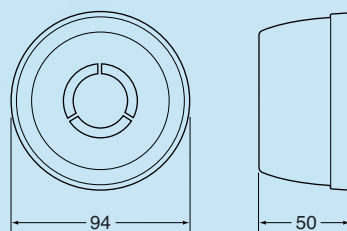


Dimensions

Flush Mount



Surface Mounted (with gasket)



All dimensions in mm

	Order Code	Description	Load Rating at 230VAC					Time Delay
			R	I	F	CF	LED	
PRM	MWS6-PRM	Low profile microwave presence/absence detector with lux level sensing, infrared override and time delay function	10A	10A	10A	10A	10A	10s–99m
	MWS6SM-PRM	Surface mounted microwave presence/absence detector with lux level sensing, infrared override and time delay function	10A	10A	10A	10A	10A	10s–99m
	MWS6-DD	Low profile microwave presence/absence detector with Direct Dim and time delay function. DALI/DSI (up to 20 ballasts)	10A	10A	10A	10A	10A	10s–99m
	MWS6SM-DD	Surface mounted microwave presence/absence detector with Direct Dim and time delay function. DALI/DSI (up to 20 ballasts)	10A	10A	10A	10A	10A	10s–99m
	MWS6-AD	Low profile microwave presence/absence detector for 1–10V analogue dimming output (up to 10 ballasts)	10A	10A	10A	10A	10A	10s–99m
	MWS6SM-AD	Surface mounted microwave presence/absence detector for 1–10V analogue dimming output (up to 10 ballasts)	10A	10A	10A	10A	10A	10s–99m

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

Accessories	Description
	UNLCDHS Professional commissioning handset. See page 16
	UHS5 Commissioning handset. See page 15
	UHS6 Building manager's handset. See page 15
	UHS7 User handset. See page 15
	DBB Surface mount back box
	DBB-EXT Surface mount back box extender