



# PRODUCT SPECIFICATION

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REAF 7 DR25 MR

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## FEATURES & BENEFITS

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- Mounting Type: Recessed
- Wireless: No
- Maximum Mounting Height: 3.5M
- Occupancy Detection: Microwave
- Daylight Control: Daylight Regulation/Bright Out
- Detection Range - Adjustable up to 20m
- Output: DALI/Relay
- Programmer: REA-DPA
- Voltage: 230v 50/60Hz
- Control: 25 DALI Drivers/10A relay
- IP Rating: IP20
- Colour: White
- Standby Power: 1W

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## ADJUSTABLE PARAMETERS

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- Movement Sensitivity: Minimum, Very Low, Low, Medium, High, Very high, Maximum
- Power Up State: Occupied/transition /vacant
- Occupied trigger action: Presence/Absence
- Occupied Time: 10 seconds - 12 hours
- Photocell Mode: Active/Passive/Ignore
- Daylight Regulation: Enabled/Disabled
- Regulation set point: 200 to 700
- P'cell Turn On: 0 to 500
- P'cell Turn Off: 0 to 500
- Transition Timer: Disabled/5 seconds - 4 minutes
- More parameters available on programmer
- REA DPA

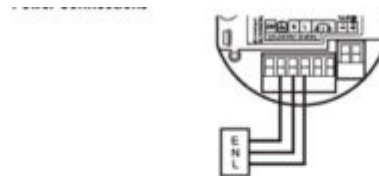
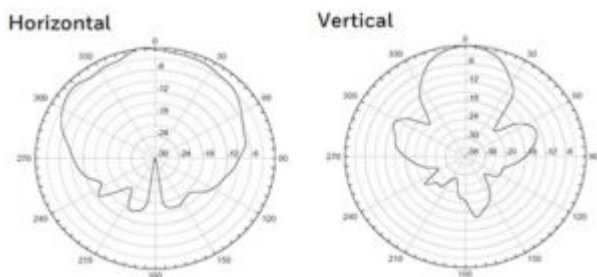
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## IMAGES

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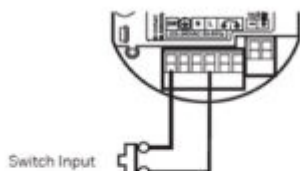


DIAGRAMS



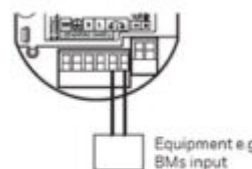
Terminal type	Rising cage screw clamp
Terminal capacity	1 x 0.5-2.5mm <sup>2</sup> solid or stranded
Recommended cable	Refer to appropriate regulations
Max cable length	Refer to appropriate regulations
Operating voltage	220 – 240V 50-60Hz
Quiescent power consumption	1W
Recommended circuit protection	10A MCB

Note: In accordance with current wiring regulations a means of disconnection (e.g. switch) must be incorporated into the fixed wiring.

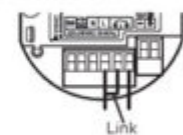


Terminal type	Rising cage screw clamp
Terminal capacity	1 x 0.5-2.5mm <sup>2</sup> solid or stranded
Recommended cable	Derive from appropriate wiring regulations
Max cable length	Derive from appropriate wiring regulations
Operating voltage	100 – 240V 50-60Hz
Power consumption	Negligible

Volt-free Output Connections

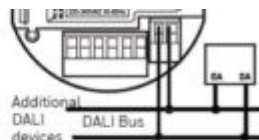


The volt-free output can be used as a live switched output by linking it to the live terminal as shown.



Terminal type	Rising cage screw clamp
Terminal capacity	1 x 0.5-2.5mm <sup>2</sup> solid or stranded
Recommended cable	2 core 1.5-2.5mm <sup>2</sup>
Switching Capability	10A

To prevent loose strands being outside the terminal a tool, e.g. a screwdriver, must be used to push the button on the terminal when stranded conductors are inserted.



**Warning:** Do not connect to 230V.

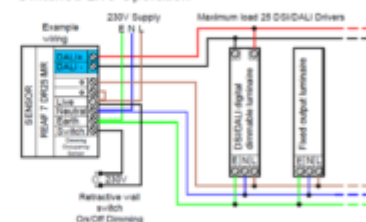
**Warning:** The DALI Bus is not classified as SELV. The same procedures and safeguards must be applied as when working with mains voltage.

Terminal type	Rising cage screw clamp	
Terminal capacity	1 x 0.5-2.5mm <sup>2</sup> solid or stranded	
Recommended cable	2 core 0.5-1.5mm <sup>2</sup>	
Max cable length	Copper 0.5 mm <sup>2</sup>	112m
	Copper 0.75 mm <sup>2</sup>	168m
	Copper 1.0 mm <sup>2</sup>	224m
	Copper 1.5 mm <sup>2</sup>	300m
Max devices	25 DALI control gears (ballasts or drivers) - 50 mA	

REAF 7 DR25 MR



Switched Live Operation



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## ORDER CODES

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### SENSOR

Code	Description
REAF 7 DR25 MR	Flush Reacta 7 microwave with relay and DALI
REA 7 SURFMT	Reacta 7 Surface Mounting Kit
REA 7 WMK	Reacta 7 Wall Mounting Kit