

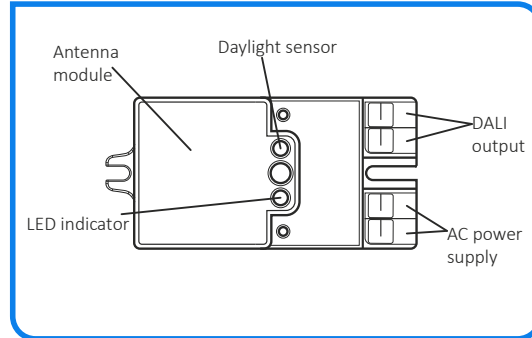
FXS255DL DALI-2 D4i MICROWAVE SENSOR



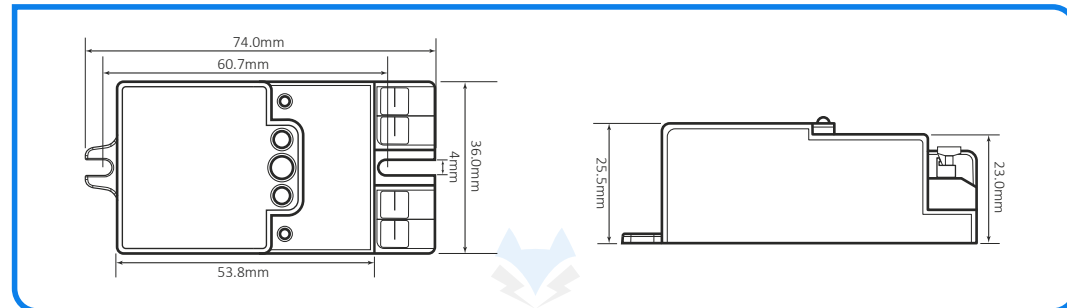
FEATURES

- Designed for built-in applications
- Daylight monitoring with onboard photocell
- Settings via DALI configuration software
- Alternatively, sensitivity settings via remote control
- Sensor power supply via mains supply
- DALI-2 multi-sensor input device
- Requires an external system application controller

KEY ELEMENTS



DIMENSIONS



Technical Data

Operating Voltage	220-240V AC 50-60Hz
Input Current	Max. 2mA
Standby Power	<1W
Sensor Technology	Microwave
Mounting Height	3-6m
Detection Radius	Max. 6m
Operating Temperature	-20°C to 70°C
IP Rating	IP20

Logistics Information

Product Dimensions	74 x 26 x 36mm
Net Weight	0.04kg
Box Dimensions	N/A
Gross Weight	0.04kg
Box Qty	200 pcs
Carton Dimensions	450 x 300 x 230 mm
Carton Weight	9.00kg
Commodity Code	8536500090

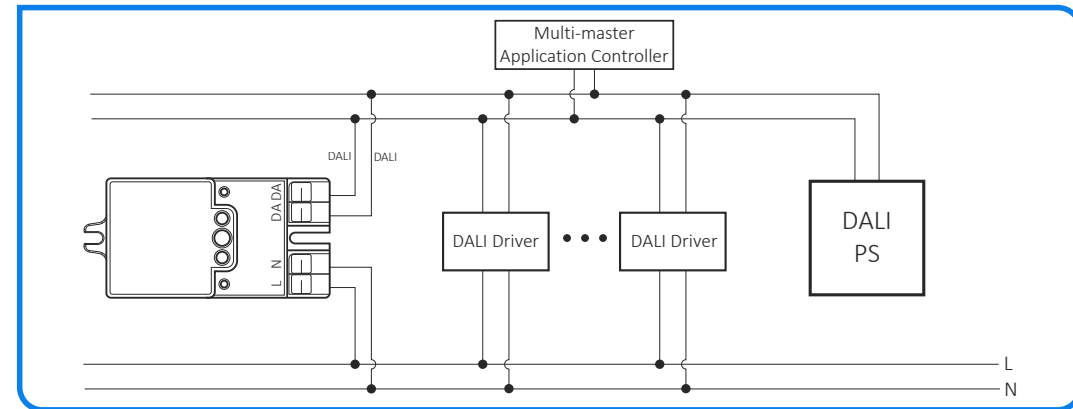
Materials

Housing	Polycarbonate
Finish	Matt
Colour	White

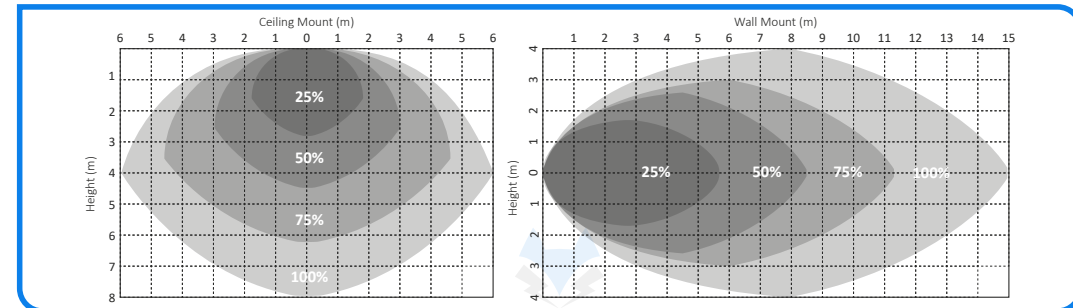
REMOTE CONTROL

When used without a front end control system, the sensitivity settings can be adjusted directly via remote control. The paired remote control for this sensor is REM-S22. See separate data sheet for further details.

WIRING



DETECTION



PARAMETERS SETTING (VIA DALI BUS)

Address	Description	Factory default value	Reset Value	Memory Type	
0x00	Address of last accessible memory location	0x03	no change	ROM	
0x01	Indicator byte	0x02	no change	ROM	
0x02	Memory bank 2 lock byte. Lockable bytes in the memory bank shall be read-only while the lock byte has a value different from 0x55	0xFF	0xFF	RAM	
0x03	HF sensitivity	100% (0x64)	0x64 (100%)	0x64 (100%)	NVM(lockable)
		75% (0x4B)			
		50% (0x32)			
		25% (0x19)			

Users can set desired sensor sensitivities with standard DALI instances.
(Please find FXS255DL sensitivity instances and values in Memory Bank 2, location: 0x3).

For example: change the sensitivity to 50% via broadcasting as below

```
START QUIESCENT MODE(broadcast)
START QUIESCENT MODE(broadcast)
DTR1(0x02)
DTR0(0x02)
ENABLE WRITE MEMORY(broadcast)
ENABLE WRITE MEMORY(broadcast)
WRITE MEMORY LOCATION – NO REPLY(0x55)//Unlock Lock Byte
DTR0(0x03)
WRITE MEMORY LOCATION – NO REPLY(0x32)//Set HF Sensitivity to 50%
SAVE PERSISTENT VARIABLES(broadcast)
SAVE PERSISTENT VARIABLES(broadcast)
STOP QUIESCENT MODE(broadcast)
STOP QUIESCENT MODE(broadcast)
```

DALI-2 & D4i standards

EN62386-101 Ed.2
EN62386-103 Ed.2
EN62386-303
EN62386-304
EN62386-351 Type B

LED indication

Green LED: indicate the DALI-2 status & remote control settings.

