



Features

- Programmable via IR remote
- Programmable sensor time-out
- Programmable switch features
- Multiple mounting options available
- Wireless support for IEC62386-104 over Thread
- Inbuilt application controller for standalone control
- Control based on ambient light and motion detection

Includes fully independent IEC62386 devices

- IEC62386 -208 Relay
- IEC62386 -303 Movement sensor
- IEC62386 -304 Light level sensor
- IEC62386 -302 Absolute switch (IR)



Wireless

Wireless (IEC62386-104)
connectivity over Thread



IEC62386 compliant

Fully IEC62386 compliant
and compatible



Product range

Order code	Description
zc-mw-iot-da	Wireless microwave sensor 8 m
zc-mw-iot-da-r	Wireless microwave sensor 8 m, with inbuilt relay
zc-mw-iot-da-vf	Wireless microwave sensor 8 m, with inbuilt volt-free relay

Features

- Wireless connectivity
- Microwave motion sensor
- Light level measurement
- Programmable via IR remote
- Wireless support for IEC62386-104 over Thread
- IP65 weatherproof rating with mounting accessory
- Fully compatible with other DALI-2 application controllers
- Broadcast control of DALI devices with inbuilt application controller

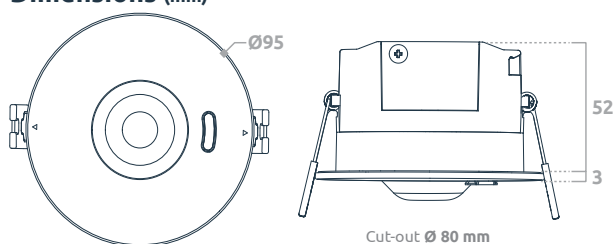
Fully independent IEC62386 devices

- IEC62386 -208 Relay
- IEC62386 -303 Motion sensor
- IEC62386 -304 Light level sensor
- IEC62386 -302 Switch (IR)

Programmable features (IR)

- Sensor time-out
- Corridor mode
- Daylight harvesting
- Lux level, dusk (if under lux level, activate sensor)
- Lux level, disable (if over lux level, disable sensor)

Dimensions (mm)



Notice

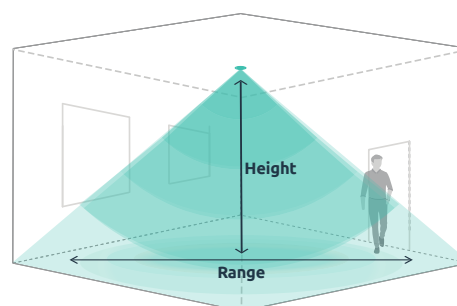
- The DALI line is not SELV. It must be treated like LV mains and treated with the same precautions and wiring regulations.

Specifications

Supply	220 - 240 V AC
Supply current	< 0.1 A
DALI bus current	<2 mA
Relay output (-r models)	165 A / 20 ms inrush current 492 A / 1.5 ms LED inrush current 10 A capacitive 10 A inductive 10 A resistive
Output voltage rating AC (-vf models)	10 A resistive 6 A inductive
Output load rating DC (-vf models)	0 - 25 V 3 A resistive 25 - 240 V 200 mA resistive
Sensors	Microwave, IR, lux
Microwave	Microwave 5.8 GHz, 0.2 mW
Wireless	IEC62386-104 over Thread
IR	38 kHz
Wiring	2.5 mm ² cable (no earth, suits round and tps)
Operating temperature	0 to 55°C
Material	PC (body)
Ingress protection	IP54 (with seal installed into roof) IP65 (with surface or wall mount)
Mounting (kits sold separately)	Recessed (cut-out Ø 80 mm) Wall mount kit (mounting centres 85 mm) Surface mount kit Rod mount kit Conduit mount kit (mounting centres 50 - 60 mm)
Compliance standards	IEC 61347-2-11 IEC 62386-208 IEC 60669-2-1 IEC 62386-301 CISPR 15 IEC 62386-302 EN 55015 IEC 62386-303 IEC 62386-104 IEC 62386-304

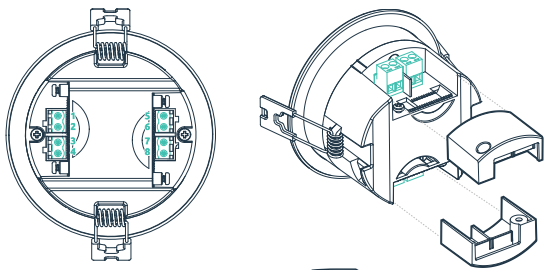
Detection pattern

Mounting height 2 - 12 m **Range** 8 m (mounted at 2.7 m)

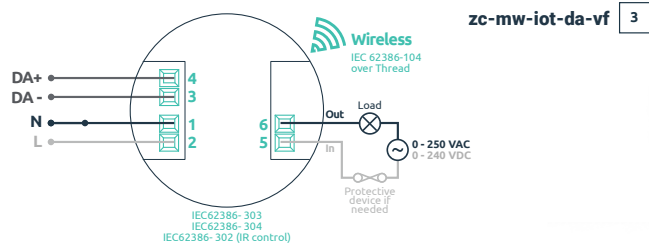
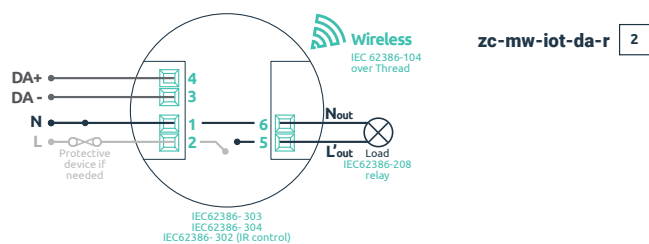
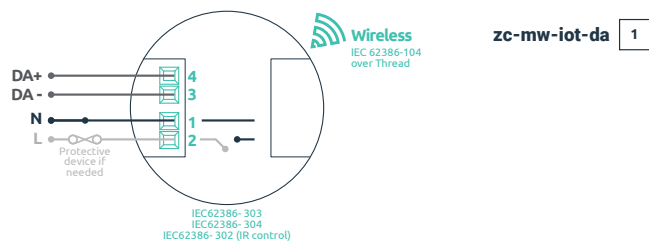


Wiring overview

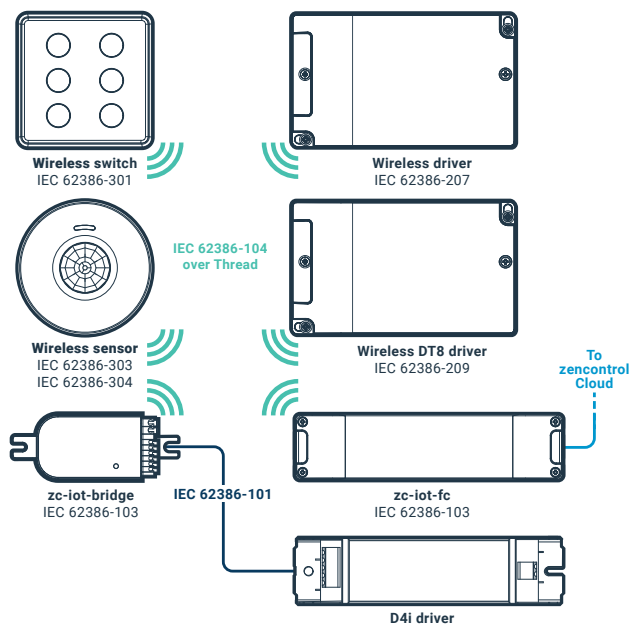
The smart IoT sensor can be wired via the terminals found under the terminal covers, as seen below. The amount of terminals will vary depending on model.



Wiring



Wireless system overview



Accessory range

Fig.	Order code	Description
6	zc-smart-wall-kit	Smart sensor wall mount kit
7	zc-smart-sm-kit	Smart sensor surface mount kit, suitable for surface, rod and conduit mounting
8	zc-rodmount-wht	Rod mount kit, white, to be used with Smart sensor surface mount kit
9	n/a	Conduit mount, not supplied by zencontrol, used with Smart sensor surface mount kit

