



Features

- Programmable via IR remote
- Programmable sensor time-out
- Programmable switch features
- Multiple mounting options available
- 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)
- IEC62386 -301 Push button switch (x2)



Motion detection
Detection range 360°
max. range 8 m



IEC62386 compliant
Fully IEC62386 compliant
and compatible



Product range

Order code	Description
zc-pir-da	PIR sensor 8 m
zc-pir-da-r	PIR sensor 8 m, with inbuilt relay
zc-pir-da-vf	PIR sensor 8 m, with inbuilt volt-free relay
zc-pir-da-2sw-r	PIR sensor 8 m, with inbuilt relay and two switches
zc-pir-da-2sw-vf	PIR sensor 8 m, with inbuilt volt-free relay and two switches

Features

- PIR motion sensor
- Light level measurement
- Programmable via IR remote
- 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 (device type 7)
- IEC62386 -303 Motion sensor
- IEC62386 -304 Light level sensor
- IEC62386 -302 Switch (IR)
- IEC62386 -301 Switch (x2)

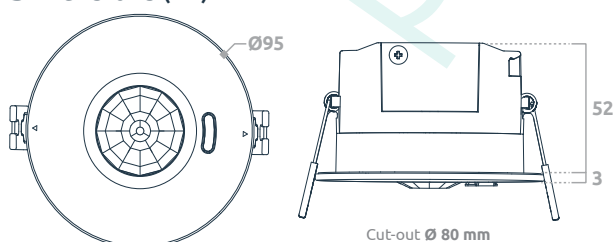
Programmable features (IR)

- 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)

Programmable features (switch)

- Switch type (dimmer, on / off, up / down, colour dimmer, colour warmer, colour cooler)
- Switch actions (enable / disable sensor, enable / disable lux)
- Switch override time








Dimensions (mm)



Notice

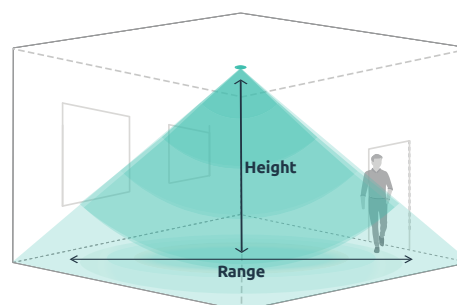
- The DALI line is not SELV. It must be treated like LV mains and treated with the same precautions and wiring regulations.

Specifications

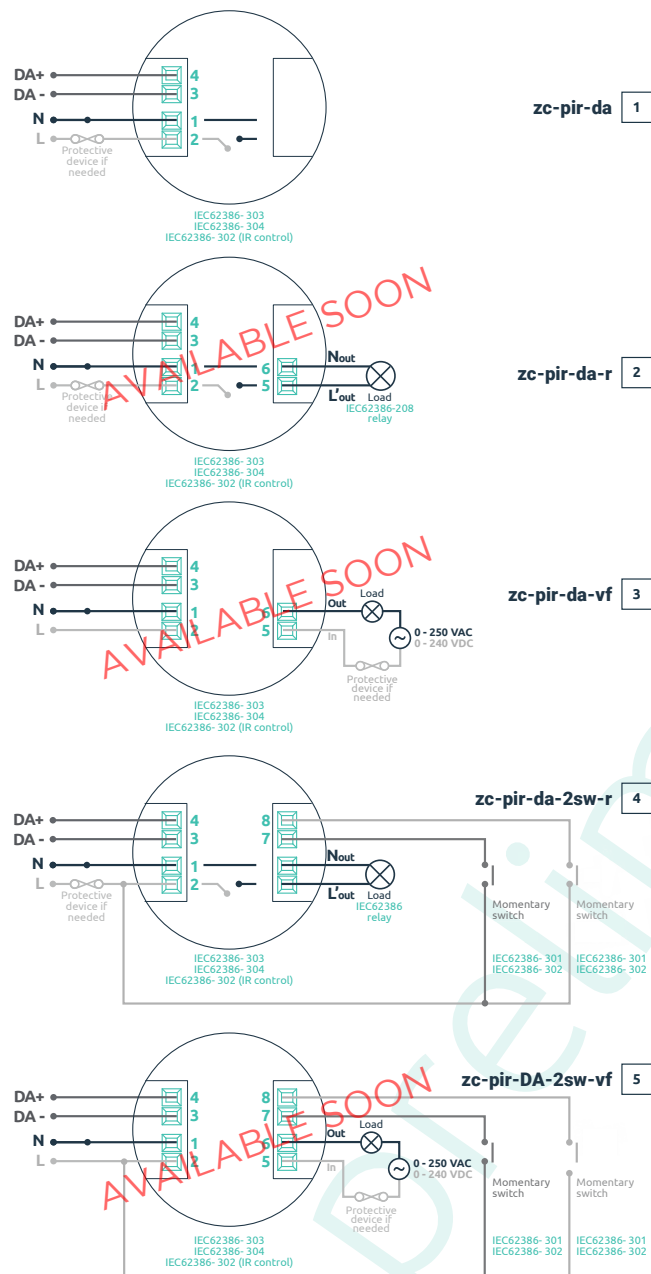
Supply	220 - 240 V AC
Supply current	< 0.1 A
DALI bus current	<2 mA
Relay output (-r models)	165 A / 20 ms inrush current 492 A / 1.5 ms LED inrush current 10 A capacitive  10 A inductive  10 A resistive 
Output voltage rating AC (-vf models)	10 A resistive  6 A inductive 
Output load rating DC (-vf models)	0 - 25 V 3 A resistive  25 - 240 V 200 mA resistive 
Lens	Fresnel
Sensors	PIR, IR, lux
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 62386-304

Detection pattern

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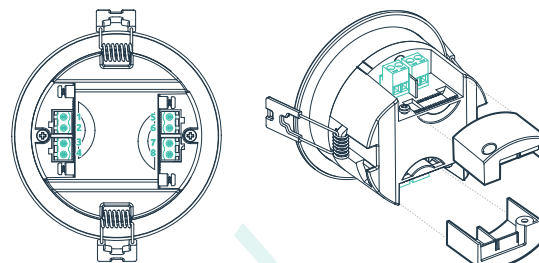


Wiring



Wiring overview

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



Accessory range*

Fig.	Order code	Description
7	zc-smart-wall-kit	Smart sensor wall mount kit
8	zc-smart-sm-kit	Smart sensor surface mount kit, suitable for surface, rod and conduit mounting
9	zc-rodmount-wht	Rod mount kit, white, to be used with Smart sensor surface mount kit
10	n/a	Conduit mount, not supplied by zencontrol, used with Smart sensor surface mount kit
11	zc-ir-ctrl-com	Hand-held infrared control and commissioning unit



*Sold separately