

**Features**

- Light level measurement
- Programmable via IR remote
- Programmable sensor time-out
- Switch inputs for switch models
- Programmable switch features
- Multiple mounting options available
- Control based on ambient light and motion detection

**Weatherproof case**

IP65 rating with surface mount accessory case

**High ceiling**

Suitable for mounting on high ceilings up to 12m

**Motion detection**

Detection range 360°  
max. range 8 m

**Dusk detection**

Control based on ambient light and motion detection



Product range

Order code	Description
zc-pir-st-r	Standalone PIR sensor 8 m, with inbuilt relay
zc-pir-st-vf	Standalone PIR sensor 8 m, with inbuilt volt-free relay
zc-pir-st-1sw-r	Standalone PIR sensor 8 m, with inbuilt relay and one switch
zc-pir-st-2sw-r	Standalone PIR sensor 8 m, with inbuilt relay and two switches
zc-pir-st-1sw-vf	Standalone PIR sensor 8 m, with inbuilt volt-free relay and one switch

Features

- PIR motion sensor
- Light level measurement
- Programmable via IR remote
- Switch inputs for switch models
- IP65 weatherproof rating with mounting accessory

Programmable features (IR)

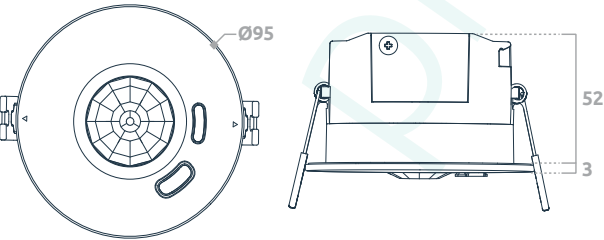
- Sensor time-out
- Lux level, dusk (if under lux level, activate sensor)
- Lux level, disable (if over lux level, disable sensor)

Programmable features (switch)

- Switch type (on / off, absence)
- Switch actions (enable / disable sensor, enable / disable lux)

Dimensions

Cut out	Min Ø83 mm	Dimensions	Ø95 / 55 mm
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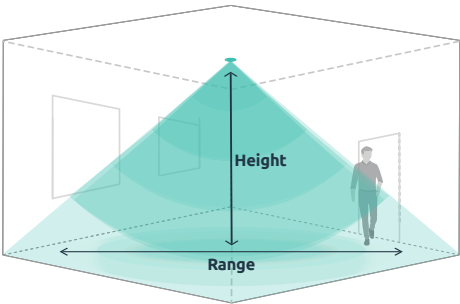


Specifications

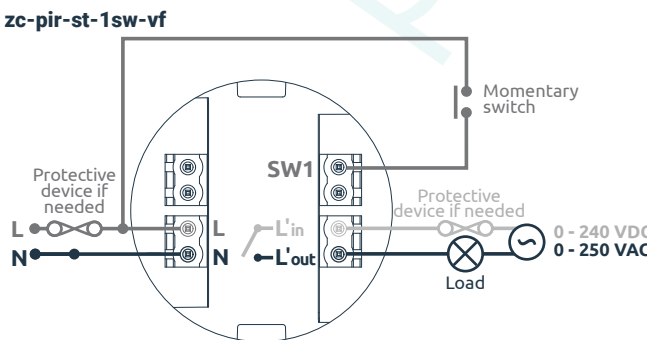
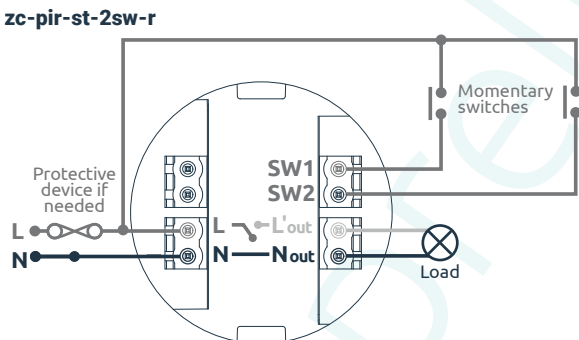
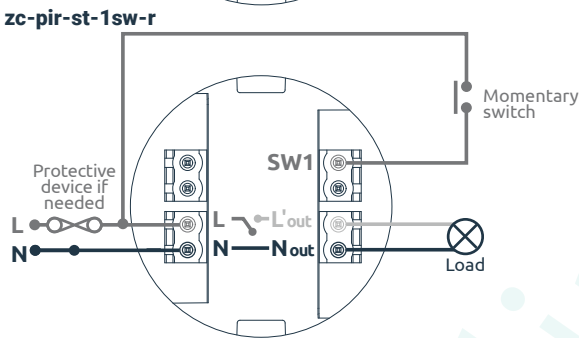
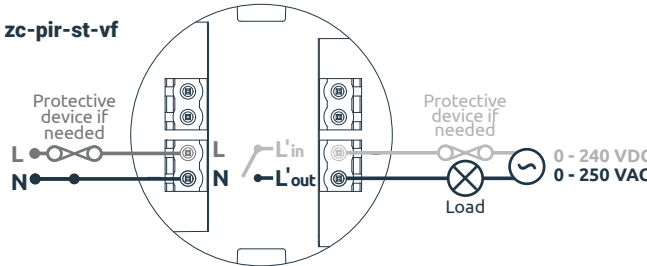
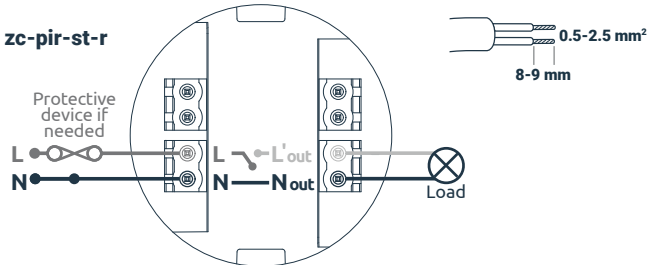
Supply	220 - 240 V ~50 Hz
Supply current	< 0.1 A
Relay output (-r models)	120 A / 20 ms inrush current 10 A resistive ⚡ 6 A inductive ⚡
Output voltage rating AC (-vf models)	10 A resistive ⚡ 6 A inductive ⚡
Output load rating DC (-vf models)	0 - 25 V 3 A resistive ⚡ 25 - 240 V 200 mA resistive ⚡
Lens	Fresnel
Sensors	PIR, IR, lux
IR	38 kHz
Wiring	2.5 mm² cable (no earth, suits round and tps)
Operating temperature	-10 to 55°C
Material	PC (body)
Ingress protection	IP54 (front-face only) IP65 (with surface or wall mount)
Mounting (kits sold separately)	Recessed (cut-out min Ø83 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      EN 55015 IEC 60669-2-1      IEC 62386-101 CISPR 15            IEC 62386-103

Detection pattern

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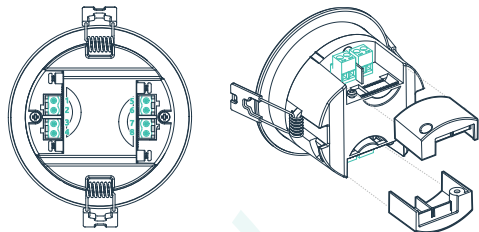


Wiring



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

7 Wall mount



8 Surface mount



9 Rod mount



10 Conduit mount



11 IR controller



\*Sold separately