



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 10 m



Dusk detection

Control based on ambient light and motion detection



Product range

Order code	Description
zc-smart-pir-r	Standalone smart PIR sensor 10 m, with inbuilt relay
zc-smart-pir-vf	Standalone smart PIR sensor 10 m, with inbuilt volt-free relay
zc-smart-pir-1sw-r	Standalone smart PIR sensor 10 m, with inbuilt relay and one switch
zc-smart-pir-1sw-vf	Standalone smart PIR sensor 10 m, with inbuilt volt-free relay and one switch
zc-smart-pir-2sw-r	Standalone smart PIR sensor 10 m, with inbuilt relay and two switches
zc-smart-pir-2sw-vf	Standalone smart PIR sensor 10 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
- Switch inputs for switch models

Programmable features (IR)

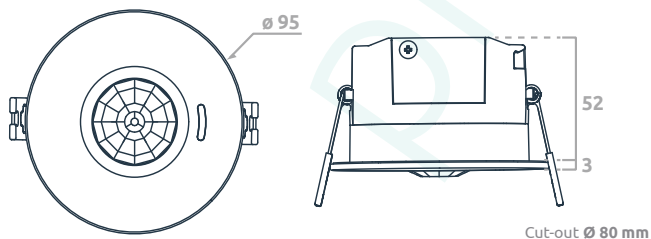
- Sensor time-out
- Lux level, dusk (if under lux level, activate sensor)
- Lux level, disable (if over lux level, disable sensor)

Programmable features (switch)

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

Dimensions

(all measurements in mm)

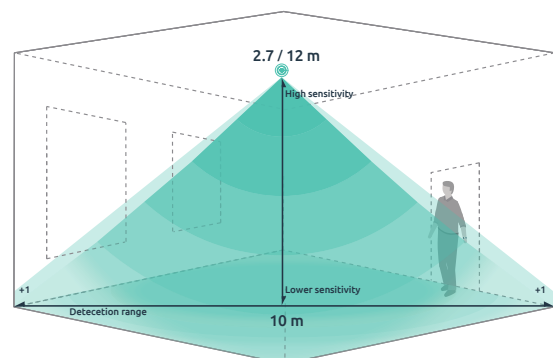


Specifications

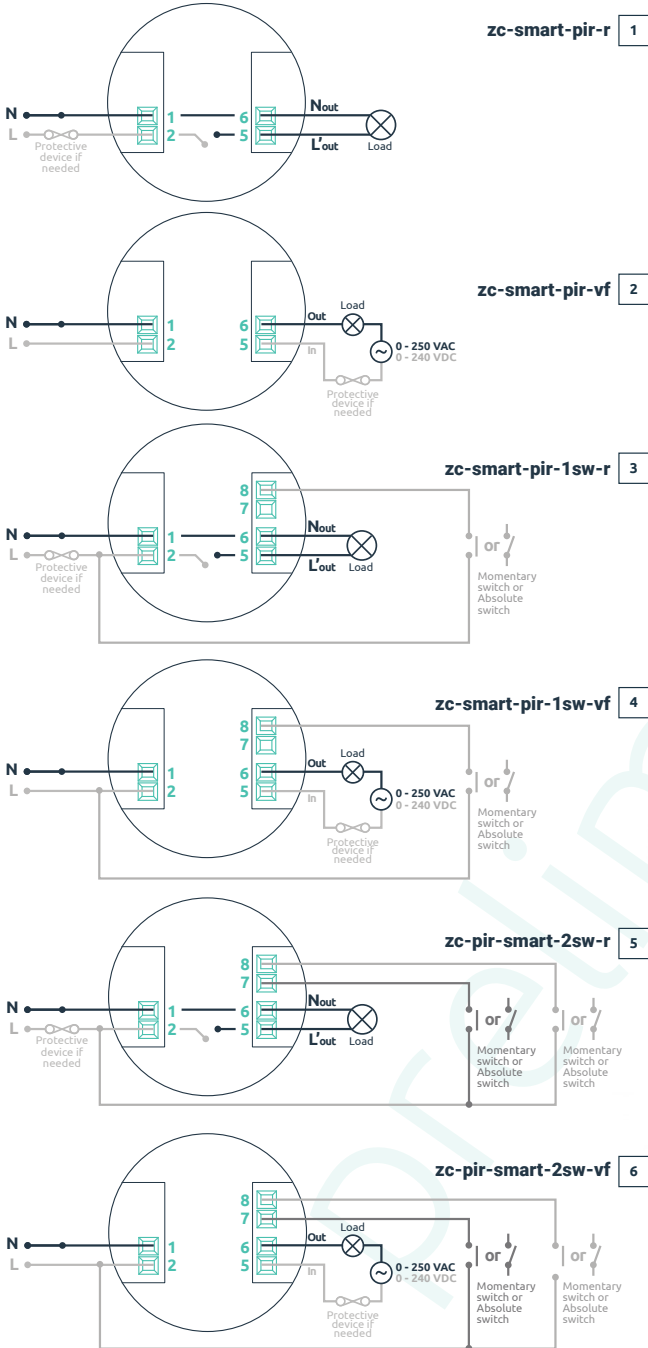
Supply	220 - 240 V AC
Supply current	< 0.1 A
Relay output (-r models)	160 A inrush 10 A capacitive ⚡ 10 A inductive ⚡ 10 A resistive ⚡
Volt-free output (-vf models)	0 - 250 VAC / 10 A 0 - 24 VDC / 10 A 30 - 240 VDC / 50 A
Lens	Fresnel
Sensors	PIR, IR, lux
IR	38 kHz
Wiring	2.5 mm ² cable (no earth, suits 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 60669-2-1 CISPR 15 EN 55015

Detection pattern

Range Ø	10 m (mounted at 2.7 m)
Mounting height	2 - 12 m

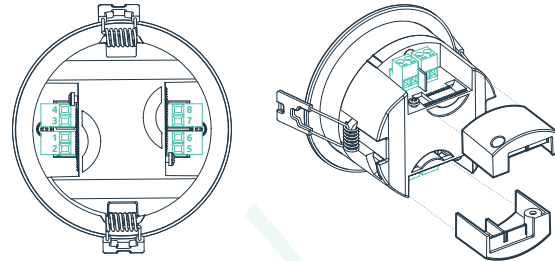


Wiring



Wiring overview

The smart 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	ev-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

7 Wall mount



8 Surface mount



9 Rod mount



10 Conduit mount

