Infrared motion detector IS 3180
Motion Detectors

Information copy

**For large areas.** Infrared motion detector IS 3180 for indoors and outdoors, ideal for watching over large areas, ideal installation height 2 m, 180° angle of coverage, reach 20 m max. or 8 m max. (tangential), large terminal compartment for easy installation, heavy-duty relay for high switching capacity.

Details

**Live life conveniently and save energy too.**
More quality of life, more safety and security and more energy saved with intelligent sensor technology from STEINEL.

**Light ‘ON’ / ‘OFF’ – automatically.**
Highly innovative sensors respond to movements and light levels, automatically switching the light ‘ON’ and ‘OFF’ again after a preselected time.

The IS 3180 infrared motion detector with a max. reach of 20 m for indoor and outdoor wall-mounting has no problem watching over 500 m² with a 180° angle of coverage and 90° angle of aperture. Reach can be adjusted exactly as required simply by turning the multi lens. Setting 1): 4-8 m reach. Setting 2): 8-20 m reach. The infrared motion detector is equipped with 2 highly sensitive pyro-sensors in dual-element design. It also comes with a pulse function (‘ON for 2 sec.’) and memorises ambient brightness automatically in the teach mode. Parallel-connected sensors are identified at the press of a button, with their brightness detection capability being deactivated. Manual override (4h) can be selected by means of mains power switch. Accessories: Corner wall mount for quickly mounting on internal and external corners with two screws.
Technical specifications Infrared motion detector IS 3180 Black

European Article Number (EAN) 4007841606114
Type Motion detector
Dimensions (w x h x d): 95 x 95 x 65 mm
Voltage 230 - 240 V / 50 Hz (2.5 mm² max.)
Sensor type Passive infrared
Application indoors and outdoors
Installation Wall<br/>Corner
Recommended installation height 2.00 m
max. output (resistive load, incandescent lamp) 2000 W
max. output (uncorrected, inductive, cos φ = 0.5, e.g. fluorescent lamps) 1000 VA
max. output (series-corrected) 900 W
max. output (parallel corrected, with C ≤ 45.6 µF) 500 W
max. output (electronic ballasts, capacitive, e.g. low-energy lamps) 8 ea. max., C ≥ 176 µF
Detection angle 180° with 90° angle of aperture

Capability of masking out individual segments Yes

Basic setting 1: 8 - 20 m tangentially,
Reach | temperature-stabilised. Basic setting 2: 4 - 8 m max.; temperature-stabilised. + precision adjustment by re-positioning the lens and using shrouds

Sensor system | 7 detection levels<br/>448 switching zones

Response brightness | 2-2000 lx

Response brightness teach function | Yes

Time setting | 5 sec. – 15 min., pulse mode (approx. 2 sec.)

Manual override | selectable, 4h

IP rating | IP54

Protection class | II

Temperature range | -20--+50 °C

Version | Black

Application

indoors and outdoors
up to a mounting height of 2 m
outdoors, particularly for watching over large areas