

Motion Detectors

Infrared motion detector IS 1

Overview Motion Detectors

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Targeted detection and attractive price. Infrared motion detector IS 1, for indoors and out, ideal for targeted coverage of small areas, 120° angle of coverage, reach up to 10 m, selectable time and twilight threshold, sensor turns through 30° and tilts through 180° for exact adjustment of the detection zone.



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 1 infrared motion detector comes with perfected sensor technology and an unobtrusive design at a surprisingly low price. The technical features: A 120° detection zone that can be matched to specific needs or room situation thanks to the sensor lens that turns through 30° and tilts through 180°. Additionally the detection zone can be limited in any way required by fitting the shrouds provided. Time and twilight threshold can be adjusted to suit needs at an easily accessible control dial. And the generously sized and clearly arranged terminal compartments makes almost child's play of wiring as well as wall or ceiling-mounting. The supply lead can be concealed or surface-mounted.



UV-protected material

Technical specifications Infrared motion detector IS 1 White

European Article Number (EAN)	4007841600310
Type	Motion detector
Dimensions (h x w x d):	50 x 80 x 120 mm
Power connection	230-240 V/50 Hz
Sensor type	Passive infrared
Application	indoors and outdoors
Installation	Wall Ceiling
max. output (resistive load, incandescent lamp)	500 W
Output (uncorrected, inductive, $\cos \varphi = 0.5$, e.g. fluorescent lamps)	500 VA
max. output (electronic ballasts, capacitive, e.g. low-energy lamps)	4 ea. max., $C \leq 88 \mu\text{F}$
Detection angle	120°
Capability of masking out individual segments	Yes
Swivelling horizontal range	60 °
Swivelling vertical range	180 °
Reach	10 m max.
Response brightness	2-2000 lx
Time setting	8 sec. - 35 min.
IP rating	IP54
Protection class	II
Version	White

Application

outdoors and indoors
for targeted detection of movement in small areas close to the building