

IS 3180

COM1 - surface, sq.

EAN 4007841 009113

Article number 009113



infrared sensor
180°



max. 20 m

2000 W

2000 W max.
(LED-ready)



IP54



2 - 1000 lux



5 sec - 15 min



manual override
4h



Ideal 2 m

Teach

Teach mode



energy saving

Function description

For large areas. Infrared motion detector IS 3180 for indoors and out, 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.

IS 3180

COM1 - surface, sq.

EAN 4007841 009113

Article number 009113



Technical specifications

Type	Motion detectors
Dimensions (L x W x H)	65 x 95 x 95 mm
Mains power supply	220 – 240 V / 50 – 60 Hz
Sensor Technology	passive infrared
Application, place	Outdoors, Indoors
Installation site	wall, corner
Installation	Surface wiring
Mounting height	1,80 – 2,50 m
Reach, radial	$r = 3 \text{ m (14 m}^2\text{)} / r = 4 \text{ m (25 m}^2\text{)}$
Reach, tangential	$r = 6 \text{ m (57 m}^2\text{)} / r = 20 \text{ m (628 m}^2\text{)}$
Detection angle	180 °
Angle of aperture	90 °
Switching zones	448 switching zones
Optimum mounting height	2 m
Mechanical scalability	No
Sneak-by guard	Yes
Capability of masking out individual segments	Yes
Electronic scalability	No
Twilight setting TEACH	Yes
Twilight setting	2 – 1000 lx
Time setting	5 s – 15 Min.
Output	2000 W
Switching output 1, resistive	2000 W
Switching output 1, number of LEDs / fluorescent lamps	8 pcs.
Fluorescent lamps, electronic ballast	1500 W

Fluorescent lamps, uncorrected	1000 VA
Fluorescent lamps, series-corrected	400 VA
Fluorescent lamps, parallel-corrected	400 VA
Switching output 1, low-voltage halogen lamps	2000 VA
LED lamps	100 W
LED lamps > 2 W	300 W
LED lamps > 8 W	600 W
Capacitive load in μF	176 μF
Constant-lighting control	No
Basic light level function	No
Functions	Normal / test mode, Manual ON / ON-OFF
Settings via	Remote control, Potentiometers, Smart Remote
With remote control	No
Interconnection	Yes
Type of interconnection	Master/master
IP-rating	IP54
Material	Plastic
Ambient temperature	-20 – 50 °C
Application, room	corridor / aisle, function room / ancillary room, stairwell, multi-storey / underground car park, outdoors, all round the building, courtyard & driveway, Indoors
Colour	white
Colour, RAL	9003
Manufacturer's Warranty	5 years
Version	COM1 - surface, sq.
PU1, EAN	4007841009113

Accessories

EAN 4007841 009151	Remote control Smart Remote
EAN 4007841 559410	Service remote control RC8
EAN 4007841 035174	Corner wall mount 3000
EAN 4007841 056711	Black cover for IR-sensors

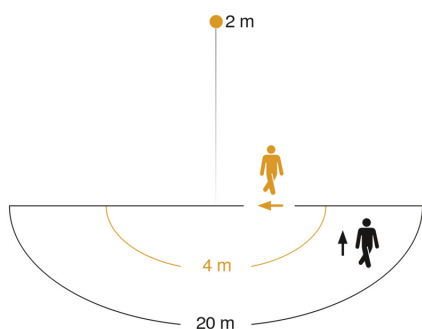
IS 3180

COM1 - surface, sq.

EAN 4007841 009113

Article number 009113

Detection Zone

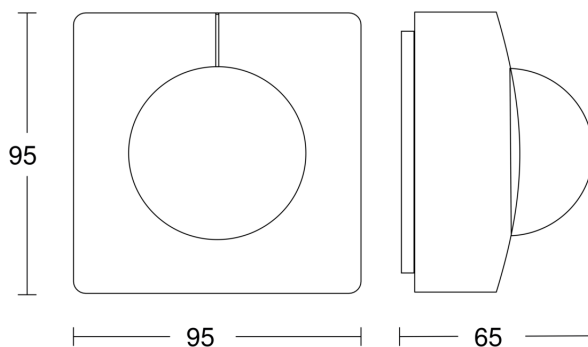


Mögliche Montagehöhe: 1,80 m – 2,50 m

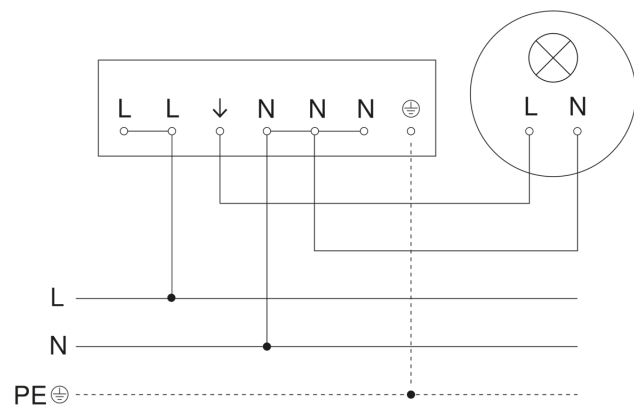
Orange: radial

Schwarz: tangential

Dimension Drawing



Master circuit diagram



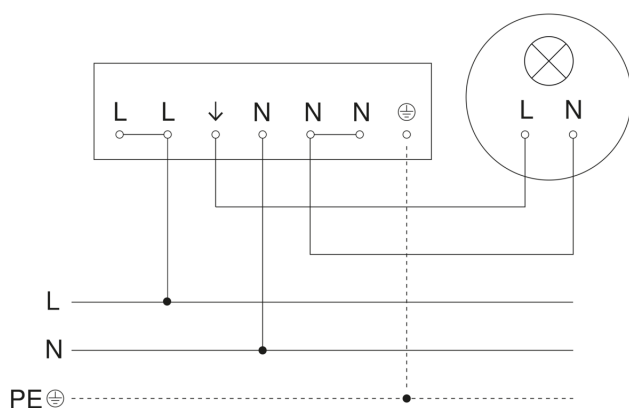
IS 3180

COM1 - surface, sq.

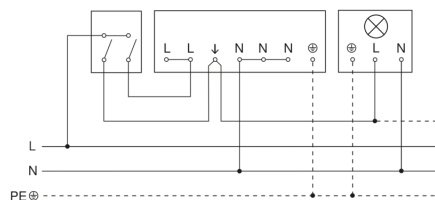
EAN 4007841 009113

Article number 009113

Master/slave interconnection circuit diagram



Connection using two-circuit switch for manual and automatic operation



Connection via a two-way switch for manual override and automatic operation

