

Motion detector - Professional Line

# 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 m (14 m <sup>2</sup> ) / r = 4 m (25 m <sup>2</sup> )
Reach, tangential	r = 6 m (57 m <sup>2</sup> ) / r = 20 m (628 m <sup>2</sup> )
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

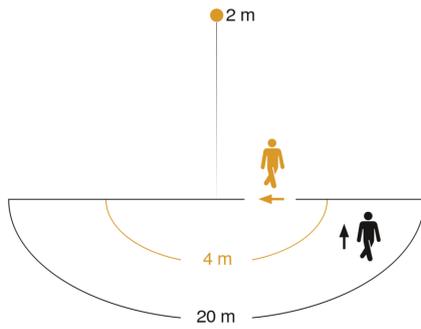
# IS 3180

COM1 - surface, sq.

EAN 4007841 009113

Article number 009113

## Detection Zone

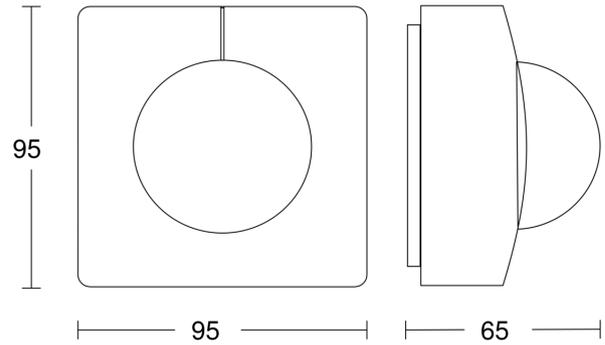


Mögliche Montagehöhe: 1,80 m – 2,50 m

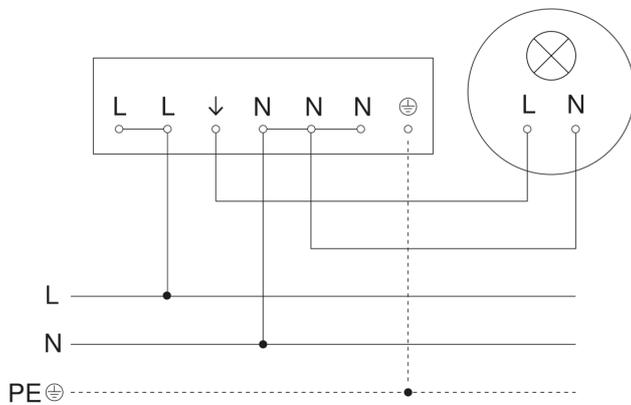
Orange: radial

Schwarz: tangential

## Dimension Drawing



## Master circuit diagram



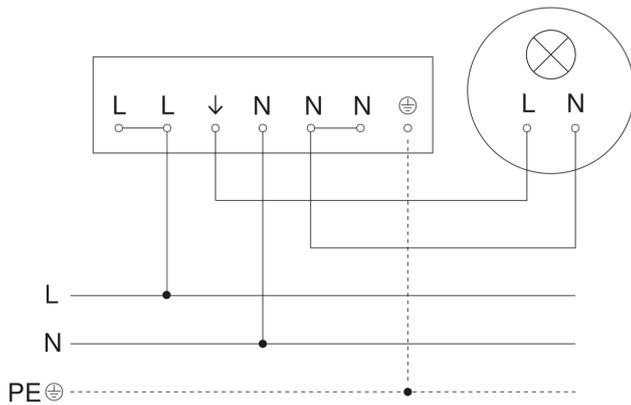
# IS 3180

COM1 - surface, sq.

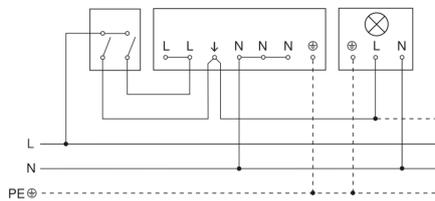
EAN 4007841 009113

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

