

## Presence Switch

# IR 180

EAN 4007841033026



### Functional description

New design, intelligent technology, fast installation. The IR 180 is the solution if infrared sensor switches are planned in new or existing buildings where 3-wire cabling exists or is planned. 180 denotes the sensor's huge angle of coverage. It misses absolutely nothing, either to the left or right. The IR 180 also comes in a new design and can be installed quickly and easily. The KNX version also indicates the temperature and humidity levels measured.

### Technical specifications

Type	Presence detector
Dimensions (L x W x H)	80 x 80 x 21 mm
Mains power supply	230 V, 50 / 60 Hz
Power supply, detail	DALI bus
Sensor Technology	passive infrared
Type of installation	Concealed wiring
Switching zones	96 Schaltzonen
Electronic scalability	Yes
Mechanical scalability	No
Optimum mounting height	1,2 m
Detection angle	180 °
Angle of aperture	90 °
Sneak-by guard	Yes
Reach, radial	r = 4 m (25 m <sup>2</sup> )
Reach, tangential	r = 20 m (628 m <sup>2</sup> )
Reach, presence	r = 4 m (25 m <sup>2</sup> )
Twilight setting TEACH	Yes
Twilight setting	2 – 1000 lx
Time setting	30 s – 30 min
Control output, DALI	Broadcast 2x12 electronic ballasts
Constant-lighting control	Yes
Basic light level function	Yes
Basic light level function in per cent	10 – 50 %
Basic light level function time	1-30 min, all night
With remote control	No
Interconnection	Yes
IP rating	IP20
Material	Plastic
Ambient temperature	-20 – 55 °C
Colour	white
Colour, RAL	9010
Manufacturer's Warranty	5 years

Data sheet



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**Version**

DALI - white

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