

Presence Switch

IR 180

EAN 4007841033019



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 ²)
Reach, tangential	r = 20 m (628 m ²)
Reach, presence	r = 4 m (25 m ²)
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	Silver
Colour, RAL	9006
Manufacturer's Warranty	5 years

Data sheet



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Version

DALI - silver
