

Presence Switch

IR 180

EAN 4007841033002



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	220 – 240 V , 50 / 60 Hz
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
Switching output 1, resistive	2000 W
Switching output 1, number of LEDs / fluorescent lamps	8 stk.
Constant-lighting control	No
Basic light level function	No
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
Version	COM2 - white