

Presence detector

Dual US

EAN 4007841029470



Functional description

Switching light on and off with maximum precision in long passageways and corridors. Because all objects can be clearly detected. Thanks to ultrasonic technology, that's not a problem for the Dual US. Installed at a height of 2.50-3.5 metres, the presence detector identifies even the smallest of movements - no matter which walking direction they come from - in a detection zone of 30x20m. But only there: the sensor reliably masks out persons in adjacent rooms. That makes it the perfect corridor sensor for office and admin buildings.

Technical specifications

Type	Presence detector
Power supply, detail	KNX bus
Sensor Technology	Ultrasonic
Application, place	Indoors
Type of installation	Concealed wiring
Ultrasonic technology	40 kHz
Electronic scalability	Yes
Mechanical scalability	No
Mounting height	2,50 – 3,50 m
Optimum mounting height	2,8 m
Detection angle	360 °
Angle of aperture	180 °
Sneak-by guard	Yes
Reach, radial	20 x 3 m (60 m ²)
Reach, tangential	20 x 3 m (60 m ²)
Twilight setting TEACH	Yes
Time setting	60 s – 255 min
KNX functions	Light output 4x, Presence output, Light level, Constant-lighting control, Basic light level function, HVAC output
With bus coupling	Yes
Settings via	ETS software, Remote control, Bus
IP rating	IP20
Material	Plastic
Colour	white
Colour, RAL	9010
Manufacturer's Warranty	5 years
Version	KNX
Model	KNX

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Sensorenerfassungsbereich 1

