IR Quattro HD-2 24m COM1 - in-ceiling installation white

PRESENCE DETECTOR

EAN 4007841079406
E-Nr. 535900022

- Passive infrared presence detector with square 360° detection
- 5.200 switching zones for the finest detection
- Offers the largest detection range in our IR range
- 4 pyro sensors individually de- / activatable
- Sensitivity digitally adjustable
- Measures presence and brightness
- Temperature and humidity measurement with IP, KNX and DALI-2 IPD
- Setting and networking via Bluetooth
- Ideal for open-plan offices and classrooms

steinel

106 x 103 x 103 mm



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Technical Data

IDENTIFICATION

Variant	230V, 1 channel
Version	Presence detector

DIMENSIONS

Dimensions L × W × H	106 x 103 x 103 mm

ELECTRICAL

Mains connection	230 V / 50 – 60 Hz
Switching output 1 resistive	2000 W
Fluorescent lamps ECG	1500 W
Fluorescent lamps uncompensated	1000 VA
Fluorescent lamps series-compensated	400 VA
Fluorescent lamps parallel-compensated	1000 VA
Switching output 1 low-voltage halogen lamps	2000 VA
LED lamps < 2 W	100 W
LED lamps > 2 W < 8 W	300 W
LED lamps > 8 W	600 W
Capacitive load in µF	176 µF
Own consumption	0,3 W
Switching output 1 number of LED/fluorescent lamps	8 pcs.
Switching output 1 potential-free	No

SENSOR TECHNOLOGY

Max. mounting height	10,00 m
Sensor technology	passive infrared
Detection angle	360 °
Sneak-under protection	Yes
Segment-by-segment masking	Yes
Electronic scalability	Yes
Mechanical scalability	Yes
Radial range	9 x 9 m (81 m²)
Tangential range	24 x 24 m (576 m²)
Switching zones	5200 switching zones
Mounting height	2,5 – 10,0 m
Presence range	9 x 9 m (81 m²)
Optimal mounting height	2,8 m

CONNECTIVITY

Networking	Yes
Control technology	Steinel Connect
Wireless networking via	BT SIG Mesh
Networking via	Bluetooth Mesh

LIGHTING TECHNOLOGY

Soft light start	No
Continuous light	selectable
Constant light regulation	No

SETTINGS

Twilight switch	Yes
Twilight setting	2 – 2000 lx
Time setting	5 s – 60 min
Base light function	No
Main light adjustable	No
Functions	Group parameterisation, Semi-/fully automatic, Manual ON / ON-OFF, Neighbouring group function, Normal / test mode, Lighting scenario
Settings via	Bluetooth Mesh, App, Potentiometers, Smartphone
With remote control	No
Twilight setting teach	Yes

HOUSING & MATERIAL

Protection class (IP)	IP20
Ambient temperature	-20...+50 °C
Mounting location	ceiling
Application location	Indoors
Mounting type	Recessed ceiling
Material	Plastic
Application room	Indoors, changing room, classroom, conference room / meeting room, dining hall / staff restaurant, duty room, high-bay warehouse, lecture hall, multi-storey / underground car park, open-plan office, production facilities, reception / lobby, recreation room, sports hall
Colour	White
RAL colour	9003

SCOPE OF DELIVERY & WARRANTY

Manufacturer warranty	5 years
Corner wall bracket included	No
Packaging unit	1 piece

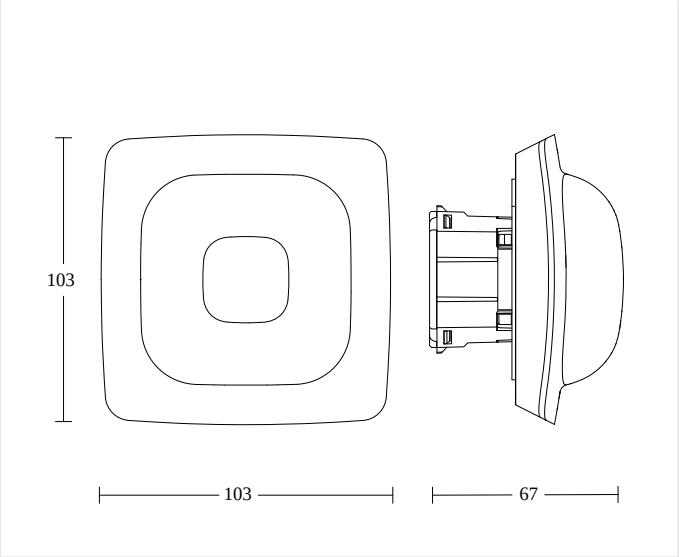
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Illustrations

TECHNICAL DRAWINGS



106 x 103 x 103 mm

MOUNTING HEIGHT

2,5 – 10,0 m	2,8 m	10,00 m
BEREICH	OPTIMAL	MAX

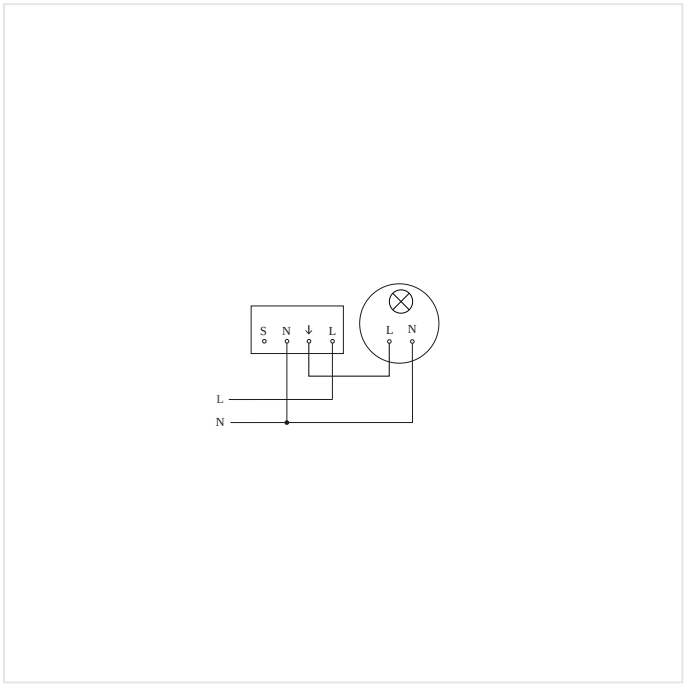
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Wiring Diagrams

WIRING DIAGRAM 1



Master circuit diagram

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Highlights



UV-resistant plastic

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Accessories

	ARTICLE NUMBER	DESCRIPTION	CATEGORY
	4007841067335	**Relais REL5A-Bluetooth**	System components
	4007841067342	**Tasterkoppler PC4-Bluetooth**	System components

ORDERING INFORMATION

Art.-Nr.	079406
EAN	4007841079406
E-Number	535900022
Typ	**IR Quattro HD-2 24m COM1 - in-ceiling installation white**

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