IR Quattro HD-2 24m COM2 - Surface wiring

PRESENCE DETECTOR

EAN 4007841064341
E-Nr. 535939800

- 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

64 x 123 x 123 mm



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Technical Data

IDENTIFICATION

Version	**Presence detector**

DIMENSIONS

Dimensions L × W × H	**64 x 123 x 123 mm**

ELECTRICAL

Mains connection	**220 – 240 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**
Switching output 2 resistive	**230 W**
Switching output 2 potential-free	**Yes**

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	**2,50 – 10,00 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**

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 Lighting scenario Manual ON / ON-OFF Neighbouring group function Normal / test mode**
Settings via	**Bluetooth Mesh App Potentiometers Smartphone**
With remote control	**No**
Twilight setting teach	**Yes**

HOUSING & MATERIAL

Protection class (IP)	**IP54**
Ambient temperature	**from -20 up to 50 °C**
Mounting location	**ceiling**
Application location	**Indoors**
Mounting type	**Surface wiring**
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**

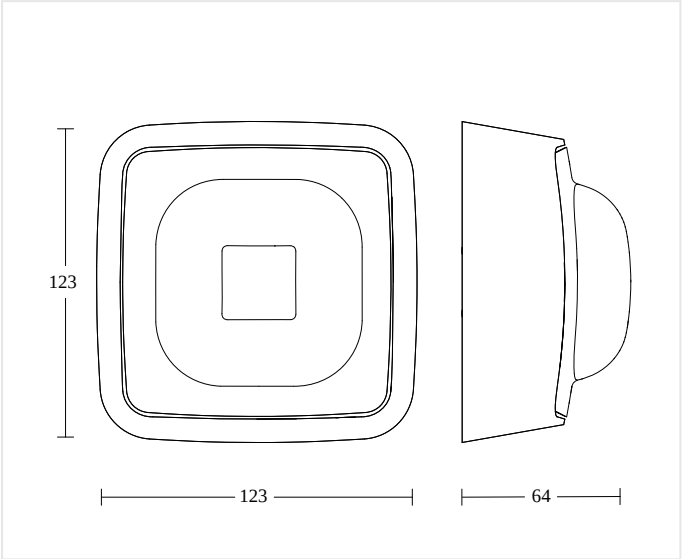
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Illustrations

TECHNICAL DRAWINGS



64 x 123 x 123 mm

MOUNTING HEIGHT

2,50 – 10,00 m	2,8 m	10,00 m
BEREICH	OPTIMAL	MAX

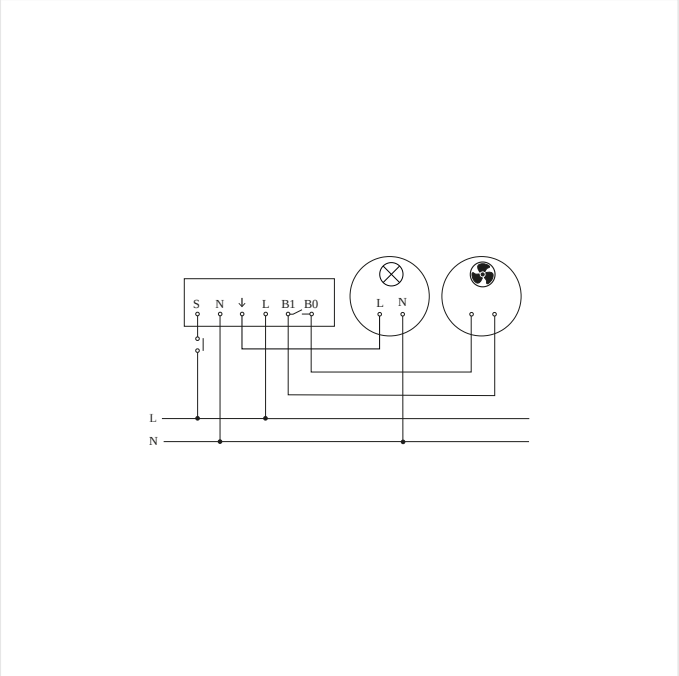
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Wiring Diagrams

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.	064341
EAN	4007841064341
E-Number	535939800
Typ	**IR Quattro HD-2 24m COM2 - Surface wiring**

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