PD-24 ECO COM1 - in-ceiling installation black

MOTION AND PRESENCE DETECTOR

EAN 4007841087845

- Our series for the common ranges
- Presence detector with 24 m motion detection and 7.5 m presence detection for switching light
- Ideal for large offices, meeting rooms or passageways
- Easy to mount due to magnetic holder and round design
- Push-button input and parallel connection of up to 10 sensors for range extension
- Including pluggable cover caps for detection limitation
- External approval and measurement according to sensNORM

109 x 114 mm



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Technical Data

IDENTIFICATION

Version	**Motion and Presence Detector**

DIMENSIONS

Dimensions Ø × H	**109 x 114 mm**

ELECTRICAL

Switching output 1 resistive	**2000 W**
LED lamps > 8 W	**500 W**
Capacitive load in µF	**176 µF**
Switching output 1 number of LED/fluorescent lamps	**50 pcs.**

SENSOR TECHNOLOGY

Max. mounting height	**10,00 m**
Sensor technology	**passive infrared**
With motion detector	**Yes**
Detection angle	**360 °**
Segment-by-segment masking	**Yes**
Electronic scalability	**No**
Mechanical scalability	**No**
Radial range	**Ø 5.5 m (24 m²)**
Tangential range	**Ø 24 m (452 m²)**
Switching zones	**1436 switching zones**
Mounting height	**2 – 10,00 m**
Presence range	**Ø 7.5 m (44 m²)**
Optimal mounting height	**2,8 m**

CONNECTIVITY

Type of networking	**Master/master**
Networking quantity	**max. 10 sensors**
Control technology	**On/Off-Leuchte**

LIGHTING TECHNOLOGY

Soft light start	**Yes**
Constant light regulation	**No**

SETTINGS

Twilight switch	**Yes**
Twilight setting	**2 – 1000 lx**
Time setting	**5 s – 60 Min.**
Main light adjustable	**No**
Functions	**Motions sensor Light sensor Presence function Presence detector logic Semi-/fully automatic Normal / test mode Potentiometer Relay output**
Settings via	**Remote control Smart Remote Potentiometers**
With remote control	**No**
Twilight setting teach	**Yes**

HOUSING & MATERIAL

Protection class (IP)	**IP20**
Ambient temperature	**from -20 up to 50 °C**
Housing material	**Plastic**
Cover material	**Other**
Cover material (scope of delivery)	**shrouds**
Mounting location	**ceiling**
Application location	**Indoors**
Mounting type	**In-ceiling installation**
Material	**Plastic**
Application room	**Indoors function room / ancillary room one-person office warehouse**
Colour	**black**

SCOPE OF DELIVERY & WARRANTY

Manufacturer warranty	**5 years**
Corner wall bracket included	**No**

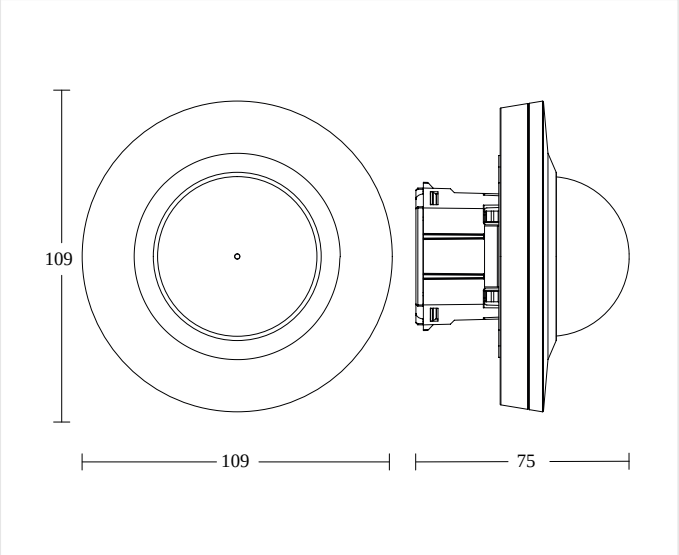
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MOTION AND PRESENCE DETECTOR

Illustrations

TECHNICAL DRAWINGS



109 x 114 mm

MOUNTING HEIGHT

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

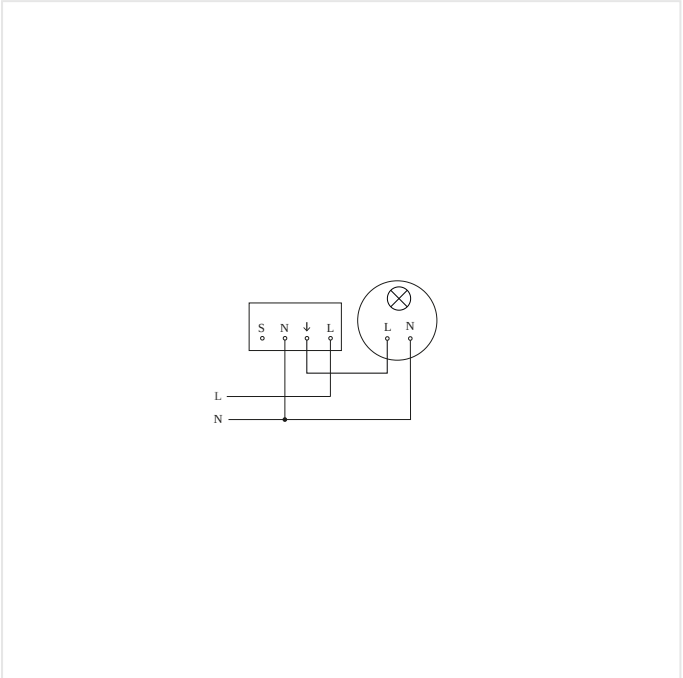
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MOTION AND PRESENCE DETECTOR

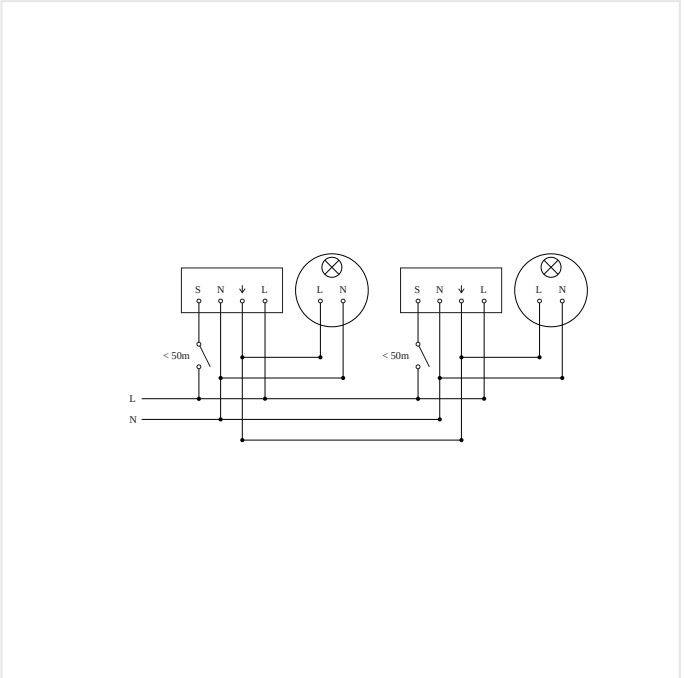
Wiring Diagrams

WIRING DIAGRAM 1



Circuit diagram

WIRING DIAGRAM 2



Circuit diagram for interconnecting several sensors

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Accessories

	ARTICLE NUMBER	DESCRIPTION	CATEGORY
	4007841079543	**Deckeneinbau-Adapter Deckeneinbau**	Accessory
	4007841009151	**Smart Remote**	Accessory
	4007841592806	**Nutzer Fernbedienung RC5**	Accessory
	4007841559410	**Service Fernbedienung RC8**	Accessory

ORDERING INFORMATION

Art.-Nr.	087845
EAN	4007841087845
Typ	**PD-24 ECO COM1 - in-ceiling installation black**

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