Motion and Presence Detector - Professional Line

PD-24 ECO

DALI-2 Input Device - concealed black
EAN 4007841 088262
Article number 088262

Magnet zur einfachen Installation | Infrarot-Sensor 360° | Montagehöhe max. 4 m | Max. ø 24 m | Präsenz Ø 7,5 m | IP20 | DALI-2 | Teach mode | Herstellergarantie steinel-professional.de/garantie | CE

Function description

Motion detection, presence detection and light measurement for offices, meeting rooms, passageways and more – the 360° IR presence detectors are sensNORM-compliant and ideal for sensor-based standard requirements in public buildings. With COM1, KNX and DALI-2 IPD interface. With COM1 interface, key input and fully/semi-automatic mode. Motion detection range: Ø 8 or Ø 24 m. Presence detector function with Ø 6 or Ø 7.5 m detection zone. Includes insertable cover caps in a matching colour. For concealed wiring, surface mounting and recessed ceiling installation. Configuration and operation via Smart Remote control or potentiometer. Installation-friendly modular magnetic plug-in connection. LED feedback for safe commissioning. Mounting height max. 4 m. Parallel switching (up to 10 sensors). Switching output: 2000 watt or 500 watt (LED). In black or white.

Technical specifications

Dimensions (Ø x H)	109 x 74 mm
With motion detector	Yes
Manufacturer's Warranty	5 years
Settings via	Bus
With remote control	No
Version	DALI-2 Input Device - concealed black
PU1, EAN	4007841088262
Type	Motion and Presence Detector
Application, place	Indoors
Application, room	one-person office, function room / ancillary room, Indoors, warehouse
Colour	black
Includes corner wall mount	No
Installation site	ceiling
Installation	Concealed wiring, Ceiling

Mounting height	2 – 4 m
Mounting height max.	4,00 m
Optimum mounting height	2,8 m
Detection angle	360 °
Capability of masking out individual segments	Yes
Electronic scalability	No
Mechanical scalability	No
Reach, radial	Ø 5.5 m (24 m^2)
Reach, tangential	Ø 24 m (452 m^2)
Reach, presence	Ø 7.5 m (44 m^2)
Switching zones	1436 switching zones
Cover material	shrouds
Functions	Motions sensor, Light sensor, Presence function, Presence detector logic

PD-24 ECO

DALI-2 Input Device - concealed black
EAN 4007841 088262
Article number 088262

Technical specifications

IP-rating	IP20
Ambient temperature	-20 – 50 °C
Material	Plastic
Power supply, detail	DALI bus
Technology, sensors	passive infrared, Light sensor

Type of interconnection	Master/master
Interconnection via	Cable
Max. Current consumption according to IEC 62386-101	84 mA
Typical current consumption at 16V input voltage	12 mA
Max. Current consumption at 10V input voltage in regular operation	17 mA

PD-24 ECO

DALI-2 Input Device - concealed black
EAN 4007841 088262
Article number 088262

Detection Zone 1

Detection Zone 2

Circuit diagram

Circuit diagram for interconnecting DALI-2 APC with DALI-2 IPD