

IR Quattro HD 24m DALI plus

Surface wiring
EAN 4007841 035273
Article number 035273



infrared sensor



max. 8m x 8m
presence

HD

4800 zones



ideal 2,5 - 10 m



indoor sensor



3+1 light channels



10 - 1000 lux



5 sec - 60 min

iQ

IQ-mode



energy saving

Function description

The gateway to intelligent lighting control. Intelligent infrared presence detector IR Quattro HD DALI plus with a wide range of additional functions, ideal for classrooms, open-plan offices and multi-storey car parks, mounting height up to 10 m, with three lighting channels (DALI addressable) for up to 64 luminaires, easily set up via app. Additional floating relay, constant-lighting control and variable light-level functions, button interface for all 3 lighting channels for controlling and dimming the floating relay (lighting mode), remotely controllable via Smart Remote.

Technical specifications

| | | | |
|-------------------------|---|---|--|
| Dimensions (L x W x H) | 65 x 120 x 120 mm | Optimum mounting height | 2,8 m |
| With motion detector | Yes | Detection angle | 360 ° |
| Manufacturer's Warranty | 5 years | Angle of aperture | 160 ° |
| Settings via | Remote control, Smart Remote | Sneak-by guard | Yes |
| With remote control | No | Capability of masking out individual segments | No |
| Version | Surface wiring | Electronic scalability | No |
| PU1, EAN | 4007841035273 | Mechanical scalability | Yes |
| Type | Presence detector | Reach, radial | 8 x 8 m (64 m ²) |
| Application, place | Indoors | Reach, tangential | 20 x 20 m (400 m ²) |
| Application, room | classroom, lecture hall, open-plan office, high-bay warehouse, production facilities, conference room / meeting room, duty room, recreation room, changing room, sports hall, reception / lobby, multi-storey / underground car park, Indoors | Reach, presence | 8 x 8 m (64 m ²) |
| Colour | white | Switching zones | 4800 switching zones |
| Colour, RAL | 9010 | Functions | 4 inputs for conventional switches, Semi-/fully automatic, Constant-lighting control ON-OFF, Master/slave override, Neighbouring group function, Normal / test mode, TouchDIM function |

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Technical specifications

| | |
|----------------------------|--|
| Includes corner wall mount | No |
| Installation site | ceiling |
| Installation | Surface wiring, Ceiling |
| IP-rating | IP20 |
| Ambient temperature | from 0 up to 40 °C |
| Material | Plastic |
| Mains power supply | 220 – 240 V / 50 – 60 Hz |
| Power consumption | 0,5 W |
| Steuerausgang, Dali | Broadcast 64 electronic ballasts / Addressable |
| Technology, sensors | passive infrared, Light sensor |
| Mounting height | 2,50 – 10,00 m |
| Mounting height max. | 10,00 m |

| | |
|---------------------------------|-----------------------------|
| Twilight setting | 10 – 1000 lx |
| Time setting | 5 s – 60 Min. |
| Basic light level function | Yes |
| Basic light level function time | 1-60 min, all night |
| Main light adjustable | 50 - 100 % |
| Twilight setting TEACH | Yes |
| Constant-lighting control | Yes |
| Interconnection | Yes |
| Type of interconnection | Master/master, Master/slave |
| Interconnection via | Cable, DALI bus |
| Product category | Presence detector |

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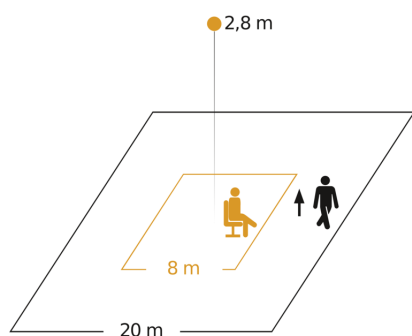
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Detection Zone

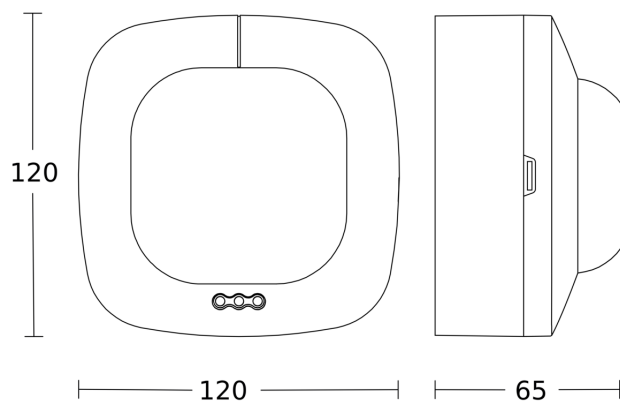


Possible mounting height: 2,50 m - 10,00 m

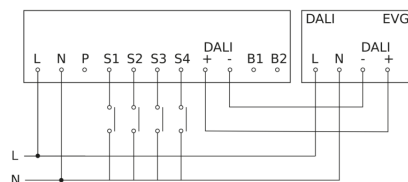
Orange: presence

Black: tangential

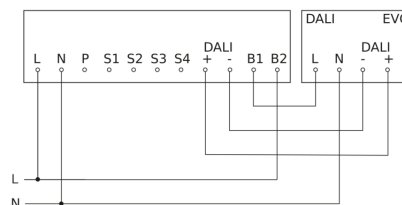
Dimension Drawing



Master circuit diagram



Master circuit diagram with electronic ballast OFF



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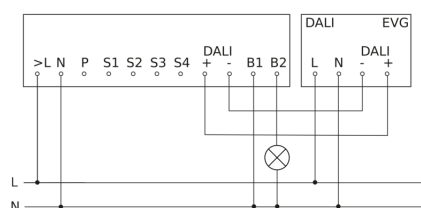
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Master circuit diagram with switched luminaire



Master/slave and master/master interconnection circuit diagram

