

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	Mounting height max.	10,00 m
With motion detector	Yes	Optimum mounting height	2,8 m
Manufacturer's Warranty	5 years	Detection angle	360 °
Settings via	Remote control, Smart Remote	Angle of aperture	160 °
With remote control	No	Sneak-by guard	Yes
Version	Surface wiring	Capability of masking out individual segments	No
PU1, EAN	4007841035273	Electronic scalability	No
Type	Presence detector	Mechanical scalability	Yes
Application, place	Indoors	Reach, radial	8 x 8 m (64 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, tangential	20 x 20 m (400 m ²)
		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

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Technical specifications

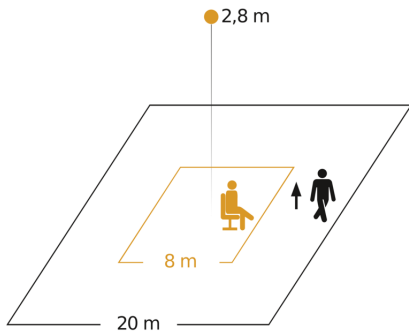
Includes corner wall mount	No	function, Normal / test mode, TouchDIM function	
Installation site	ceiling		
Installation	Surface wiring, Ceiling	Twilight setting	10 – 1000 lx
IP-rating	IP20	Time setting	5 sec – 60 min
Ambient temperature	0 – 40 °C	Basic light level function	Yes
Material	Plastic	Basic light level function time	1-60 min, all night
Mains power supply	220 – 240 V / 50 – 60 Hz	Main light adjustable	50 - 100 %
Power consumption	0,5 W	Twilight setting TEACH	Yes
Steuerausgang, Dali	Addressable / broadcast 64 electronic ballasts	Constant-lighting control	Yes
Technology, sensors	passive infrared, Light sensor	Interconnection	Yes
Mounting height	2,50 – 10,00 m	Type of interconnection	Master/master, Master/slave
		Interconnection via	Cable, DALI bus

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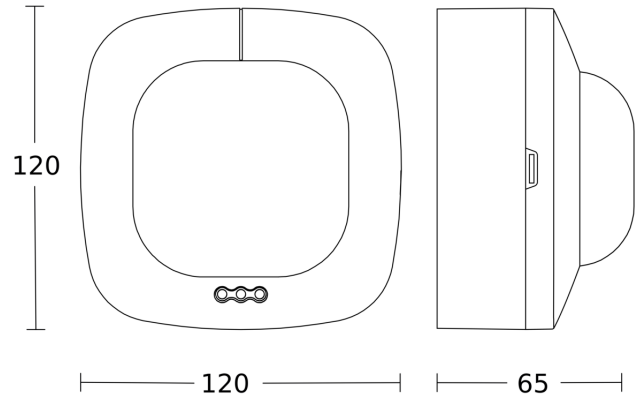


Detection Zone

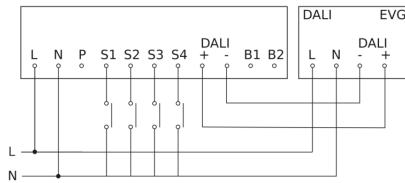


Possible mounting height: 2,50 m - 10,00 m
Orange: presence
Black: tangential

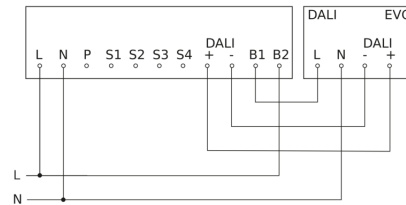
Dimension Drawing



Master circuit diagram



Master circuit diagram with electronic ballast OFF

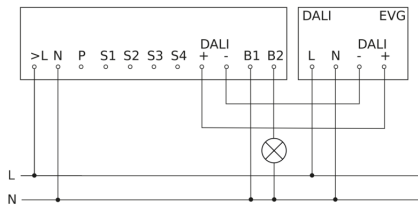


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Master circuit diagram with switched luminaire



Master/slave and master/master interconnection circuit diagram

