

PD-C 360i/24 DUO DALI

Order description

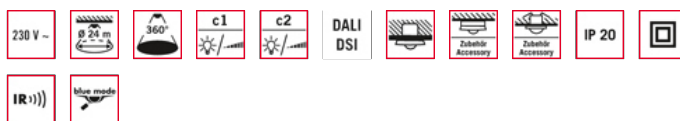
PD-C360i/24 Duo Dali

Item number

EP10427459

GTIN

4015120427459



Product description

- Presence detector with 360° field of detection for ceiling mounting
- range of up to 24 m in the diameter at a recommended installation height of 3 m
- Automatic light control by DALI or DSI electronic ballasts to a constant brightness level, depending on presence and natural light (with DALI/DSI output)

Technical data

GENERAL	
Conformity	CE, RoHS, SundaHus, WEEE
Warranty	5 years
ATTACHMENT	
Installation type	Recessed mounting
Installation position	Ceiling
Installation dimension	Installation depth: 24 mm, Ø 60 mm
HOUSING	
Dimensions	Height/Depth 70 mm, Ø 108 mm
Weight	140 g
Material	UV-stabilised polycarbonate
Protection type	recessed-mounted IP20, IP20/IP54 with surface-mounted box (order separately), IP20 as recessed ceiling-mounted version (order installation set separately)
Permissible ambient temperature	-25 °C...+50 °C
Relative humidity	5 - 93 %, non-condensing
Colour	white, similar to RAL 9010
Connection	2,5 mm ² / 1,5 mm ²
ELECTRICAL VERSION	
Protection class	II
Nominal voltage	230 V / 50 Hz
Power consumption	0,6 W
SENSORS	

Detection angle	360°
Detection range diagonally	Ø 24 m
Detection range head-on	Ø 11 m
Detection range presence	Ø 8 m
Field of detection	up to 453 m ²
Recommended installation height	3 m
Max. mounting height	5 m
Light measurement	mixed light
Level of brightness	5 - 2000 lx
Number of light channels	2
Number of switching contacts	2
Push button input lighting	2
Push button input HVAC	false
Slave input	yes
Fully automatic	yes
Semi-automatic	yes
constant lighting control	true
Switching delay from "dark to light" [s]	300 s
Switching delay from "light to dark" [s]	30 s

CONTROL

Channel 1	Lighting
Interface	Switching/Dimming
Contact	Bus system
Switch-off delay time	approx. 1 minute – 15 minutes
Orientation light	10 % to 50 % luminous efficiency
Switch-off delay time, orientation light	approx. 1 min.-60 min.
Channel 2	Lighting

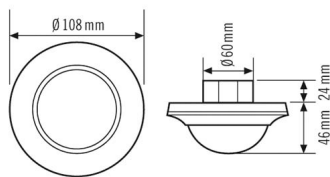
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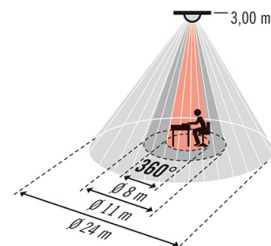
Output	DALI
Switch-off delay channel 2	approx. 1 minute – 15 minutes
Orientation light	10 % to 50 % luminous efficiency
Switch-off delay time, orientation light	approx. 1 min.-60 min.
Master/slave function	true
constant lighting control	true

Presence simulation	false
Manual override	yes
DALI output 1	2-pin DALI/DSi control cable/broadcast
DALI/DSi output 2	2-pin DALI/DSi control cable/broadcast
No. of DALI electronic ballasts	max. 25 devices per DALI/DSi output

Scale drawing

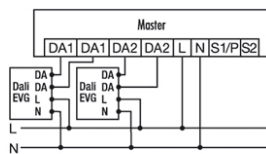


Field of detections



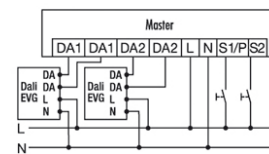
- Operating area approx. \varnothing 8 m
- Head-on to detector approx. \varnothing 11 m
- Passage area / diagonally to detector approx. \varnothing 24 m

Circuit diagram



Standard operation

Circuit diagram

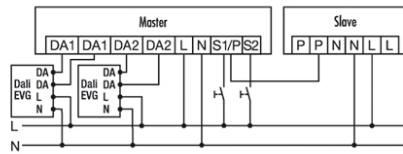


Standard operation with additional control by means of a closing button. If required, the light can be manually switched on or off with the button.

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Circuit diagram



Master/slave connection:
The master device controls connected systems according to the programmed settings.
The sole purpose of the slave devices is to register presence and transmit an impulse to the master device when movement is detected.
Caution: a maximum of 10 slave devices may be connected to one master device.