

DATA SHEET

PD-FLAT 360i/6 mini DALI

Order description

PD-FLAT 360i/6 mini DALI

Item number

EP10427503

GTIN

4015120427503



Product description

- Presence detector with 360° field of detection for ceiling mounting
- Range of up to 6m in diameter at a recommended installation height of 3 m
- flat lens with an installation height of only 3 mm
- Automatic light control of DALI electronic ballasts to achieve a constant brightness level, depending on presence and natural light (with DALI-output)
- Can be combined with DALI push buttons
- HVAC and potential-free contact possible in conjunction with DALI switch from ESYLUX

Technical data

GENERAL	
Special product features	Twilight switch
Conformity	CE, RoHS, WEEE
warranty	5-year
MOUNTING	
Installation type	Recessed mounting
Installation position	Ceiling
Installation dimension	Installation depth 45 mm, Ø 25 mm
HOUSING	
Dimensions	Height/Depth 3 mm, Ø 32 mm
Weight	22 g
Housing material	UV-stabilised PE
Protection type	IP 55
Permissible ambient temperature	0 °C...+50 °C
Relative humidity	5 - 95 %, non-condensing
Colour	Opal matt
Terminal	2,5 mm ² / 1,5 mm ²
ELECTRICAL VERSION	
Protection class	III
Nominal voltage	9,5 - 22,5 V
SENSORS	
Power consumption	0,3 W
Power consumption	12 mA
Detection angle	360°

Detection range diagonally	6 m
Detection range head-on	2 m
Presence detection range	2,5 m
Field of detection	28 m ²
Recommended installation height	3 m
Max. mounting height	3 m
Light measurement	mixed light
Level of brightness	10 - 2000 lx
Number of light channels	1
Number of switching contacts	0
Slave input	yes, via DALI
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 channel 1	60 s - 240 min
Orientation light	10 % to 40 % luminous efficiency
Switch-off delay time, orientation light	disabled/approx. 1 minute – 240 minutes
Orientation light	10 % to 40 % luminous efficiency
Switch-off delay time, orientation light	disabled/approx. 1 minute – 240 minutes
Bus voltage	9.5–22.5 V DC
Master/slave function	true

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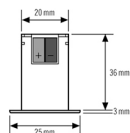
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constant lighting control	true	
Manual override	yes, via IR	

Light channel	DALI
DALI output 1	DALI bus / Broadcast

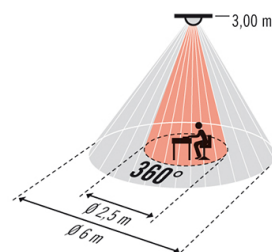
Accessories

Product designation	Item number	GTIN
ESY-Pen	EP10425356	4015120425356
Mobil-PDi/MDi-universal	EP10433993	4015120433993
Mobil-PDi/Dali	EP10425899	4015120425899
Mobil-PDi/user	EM10425547	4015120425547
SW DALI Full Automation	EP10427473	4015120427473
SW DALI Semi Automation	EP10427480	4015120427480
CU PS DALI	EC10430008	4015120430008

Scale drawing



Field of detection



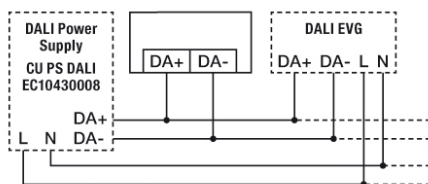
- Operating area approx. Ø 2.5 m
- Passage area / diagonally to detector approx. Ø 6 m

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Circuit diagram



Standard operation