

PD-FLAT 360i/6 mini DALI

Item number **GTIN**
 EP10427503 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	
Device category	Ceiling-mounted presence detector
Special product features	twilight switch, Simple programming using remote control with "blue mode" technology
User interface	IR remote control, DALI-Bus
Remote controllable	✓
Conformity	CE, RoHS, WEEE
Warranty	5 years

ATTACHMENT	
Installation type	Recessed mounting
Installation position	Ceiling
Installation dimension	Installation depth: 45 mm, Ø 25 mm
Type of connection	Push terminal
Connectable wire cross section	0,60 - 0,80 mm ²

HOUSING	
Dimensions	Height/Depth 48 mm, Ø 33 mm
Weight	22 g
Material	UV-stabilised PE
Protection type	IP55
Permissible ambient temperature	0 °C...+50 °C
Relative humidity	5 - 95 %, non-condensing
Colour	Opal matt

ELECTRICAL VERSION	
Protection class	III
Nominal voltage	9,5 - 22,5 V
Power consumption	0,3 W

Power consumption	12 mA
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SENSORS	
Detection angle	360°
Detection range diagonally	Ø 6 m
Detection range presence	Ø 2,5 m
Field of detection	up to 28 m ²
Recommended installation height	3 m
Max. mounting height	3 m
Light measurement	mixed light

CONTROL	
Number of light channels	1
Number of HLK-channels	2
Push button input HVAC	–
Slave input	✓
Mode	Semi-automatic, Fully automatic
Konstantlichtregelung	✓
Channel 1	Lighting
Interface	Switching/Dimming
Contact	Bus system
Push button input channel 1	–
Switch-off delay channel 1	60 s...240 min
Orientation light	10 - 40 % luminous efficiency
Switch-off delay time, orientation light	disabled/approx. 1 minute – 240 minutes
Orientation light	10 - 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	✓

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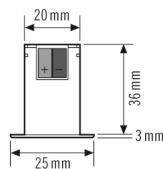
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Manual override	yes, via IR	DALI output 1	DALI bus / Broadcast
Light channel	DALI		

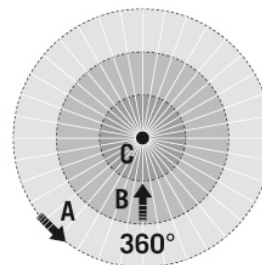
Accessories

Product designation	Item number	GTIN
ESY-Pen	EP10425356	4015120425356
REMOTE CONTROL PDi DALI	EP10425899	4015120425899
REMOTE CONTROL PDi/USER	EM10425547	4015120425547
ACTUATOR FULL AUTO C3 DALI	EP10427473	4015120427473
ACTUATOR SEMI AUTO C4 DALI	EP10427480	4015120427480
POWER SUPPLY 200mA DALI	EC10430008	4015120430008

Scale drawing



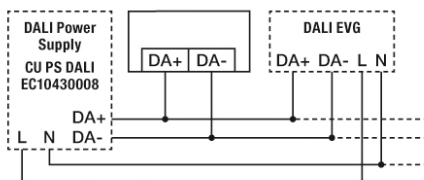
Field of detections



Detection range

Diagonally (A)	∅ 6 m
Presence area (C)	∅ 2,5 m

Circuit diagram



Circuit diagram

Standard operation

Master/Slave mode