

DATA SHEET

PD-FLAT 360i/8 SQUARE BLACK

Order description

PD-FLAT 360i/8 SB

Item number

EP10427947

GTIN

4015120427947



Product description

- Design presence detector, approx. range 8 m in Ø
- 1 channel, switching, with zero-cross switching, optimised for LED lights
- Master/slave (parallel wiring)
- Low profile design with plastic design covers: square, black - variably interchangeable (alternative: glass, round, white)

Technical data

GENERAL	
Conformity	CE, RoHS, WEEE
warranty	5-year
MOUNTING	
Installation type	Recessed mounting
Installation position	Ceiling
Installation dimension	Installation depth 24 mm, Ø 60 mm
HOUSING	
Dimensions	length 77 mm x width 77 mm x Height/Depth 6 mm
Weight	78 g
Housing material	UV-stabilised polycarbonate
Protection type	IP 20
Permissible ambient temperature	0 °C...+50 °C
Relative humidity	5 - 93 %, non-condensing
Colour	black, similar to RAL 9004
Terminal	2,5 mm ² / 1,5 mm ²
ELECTRICAL VERSION	
Protection class	II
Nominal voltage	230 - 230 V / 50 Hz
SENSORS	
Power consumption	0,3 W
Detection angle	360°
Detection range diagonally	8 m

Detection range head-on	6 m
Presence detection range	4 m
Field of detection	50 m ²
Recommended installation height	2,5 m
Max. mounting height	5 m
Light measurement	mixed light
Level of brightness	5 - 2000 lx
Number of light channels	1
Number of switching contacts	0
Slave input	No
Number of parallel switchable detectors	10
Fully automatic	yes
Semi-automatic	yes
Impulse feature	yes
constant lighting control	false
Switching delay from "dark to light" [s]	300 s
Switching delay from "light to dark" [s]	30 s

CONTROL

Channel 1	Lighting
Interface	Switching
Contact	make contact/non-floating
Switching capacity channel 1	230 V AC 50 Hz, 2300 W/10 A (cos # = 1), 1150 VA/5 A (cos # =0.5)
In-rush current	78 A / 5 ms
Switch-off delay channel 1	60 s - 30 min
Master/slave function	true
constant lighting control	false
Manual override	yes

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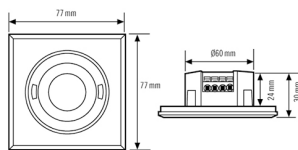
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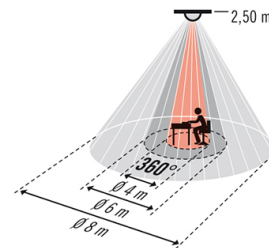
Accessories

Product designation	Item number	GTIN
ESY-Pen	EP10425356	4015120425356
Mobil-PDi/MDi-universal	EP10433993	4015120433993
Mobil-PDi/MDi	EM10425509	4015120425509
Basket guard 180/90	EM10425608	4015120425608
Basket guard 165/70	EM10425615	4015120425615
Recessed ceiling mounting kit for FLAT series	EP10426889	4015120426889
Cover FLAT series GLASS ROUND BLACK cover	EP00007293	4015120007293
Cover FLAT series GLASS SQUARE BLACK cover	EP00007309	4015120007309
Cover FLAT series ROUND BLACK cover	EP00007279	4015120007279

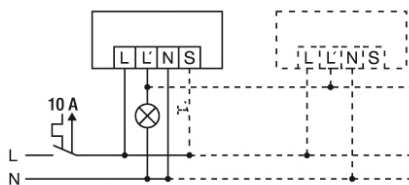
Scale drawing



Field of detection



Circuit diagram



- Operating area approx. \varnothing 4 m
- Head-on to detector approx. \varnothing 6 m
- Passage area / diagonally to detector approx. \varnothing 8 m

Standard operation

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 Exclusive Distributor for ESYLUX in Australia Locations:
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