B.E.G. LUXOMAT®



PD5-M-DIM-Clip

92310 EAN: 4007529923106

Occupancy detector for use with T5 and T8 fluorescent lamps for daylight-dependent lighting control

1 – 10 V interface for controlling analog, dimmable ballasts

Orientation light function

Order data

Designation	Colour	Art.No
PD5-M-DIM-Clip	white	92310

Accessories

Designation	Colour	Art.No
BLE-IR-Adapter	black	93067
IR-Adapter for Smartphones	black	92726
IR-PDim	-	92200
IR-PD-DIM-Mini	-	92098
RC-Arc extinction kit	white	10880
Mini-RC-Arc extinction kit		10882

Technical data

Voltage:	230 V AC +/- 10% 50 / 60 Hz
Dimensions:	92 x 60 x 73 mm
Power consumption:	approx. 1.6 W
Detection area:	horizontal 360° (Ceiling mounting)
Range:	max. Ø 10 m across max. Ø 6 m towards max. Ø 4 m seated
Monitored area (tangential movement):	78 m² / 2.5 m mounting height
Mounting height min./max./recommended:	2 m / 5 m / 2.5 m
Degree / class of protection:	IP20 / Class II
Ambient temperature:	-25 °C to +50 °C
Housing:	polycarbonate, UV-resistant
Material color:	white mat, similar to RAL9010
Cable length:	90 cm
Channel 1 (lighting control)	
Switching power:	2300 W, cos φ = 1 1150 VA, cos φ = 0.5 300 W LED max. inrush current Ip (20 ms) = 165 A max. inrush current Ip (200 µs) = 800 A
Type of contact (k):	1x µ-contact, NO contact with tungsten pre-make contact
DIM output:	1-10 V DC, up to 50 ballasts
Follow-up time:	1 min – 30 min
Brightness set value:	10 – 2000 Lux
Light measuring:	Mixed light measuring

Product information

Occupancy detector for use with T5 and T8 fluorescent lamps for daylight-dependent lighting control

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Additional switching channel for the following function:
Cut-Off (complete ECG switch-off to avoid standby losses).

Manual switching and dimming via push button possible

Version as master device

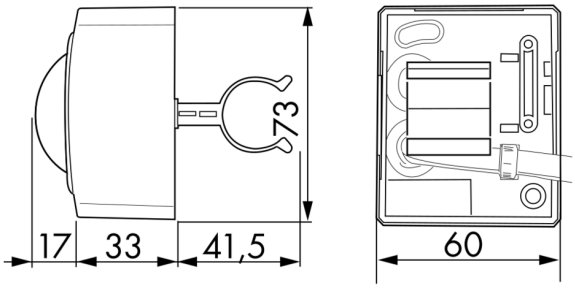
Detection area can be extended by using slave devices

Additional functions can be set up using the optional remote control.

Relay with tungsten pre-make contact, optimised for LED loads

Avoidance of standby losses of the lighting system in accordance with EnEV DIN V 18599-4

Typical applications:
Offices, conference rooms, schools, nursery schools, hospitals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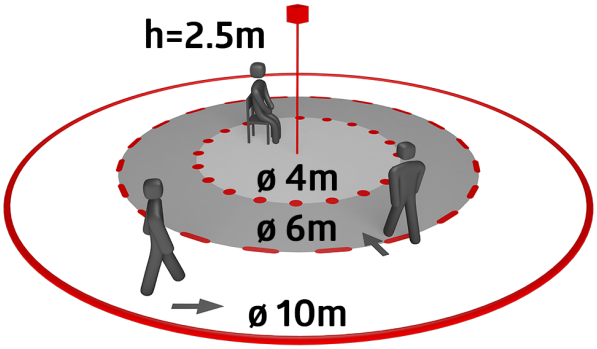
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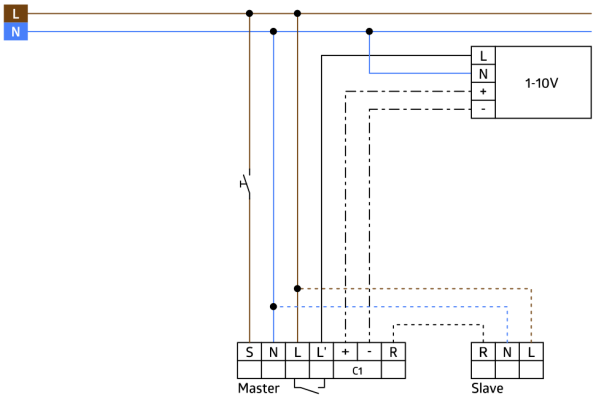
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Accessories



BLE-IR-Adapter
Art.No: 93067

Dimensions: 40 x 55 x 103 mm
Material color: black
Frequency: 2.4 GHz ISM band, GFSK
0.2 dBm + 5.3 dBi = 5.5 dBm



IR-Adapter for Smartphones
Art.No: 92726

Dimensions: 47 x 19 x 10 mm
Degree / class of protection: IP20
Ambient temperature: -20 °C to +40 °C



IR-PDim
Art.No: 92200

Battery: 3.0 V Lithium CR2032 (inclusive)
Dimensions: 80 x 60 x 8 mm
Material color: -



IR-PD-DIM-Mini
Art.No: 92098

Battery: 3.0 V Lithium CR2032 (inclusive)
Dimensions: 57 x 35 x 7 mm
Material color: -



RC-Arc extinction kit
Art.No: 10880

Voltage: 230 V AC ±10%
Dimensions: 38 x 12 x 26 mm
Degree / class of protection: IP20 / Class II



Mini-RC-Arc extinction kit
Art.No: 10882

Voltage: 230 V AC ±10%
Dimensions: 50 x 23 x 8 mm
Degree / class of protection: IP20 / Class II