LUXOMAT®

PD2-M-2C-12-48V-3A-FC

Prod.No. 92164 EAN: 4007529921645

- Voltage: 12 – 48 V AC / DC
- Dimensions: Ø 80 x 85 mm
- Power consumption: < 1 W

Order data

Designation	Colour	Art.No
PD2-M-2C-12-48V-3A-FC	white	92164

Areas of application

- corridors/hallways
- toilets
- equipment rooms
- small offices
- open-plan offices
- conference rooms

Accessories

Designation	Colour	Art.No
BLE-IR-Adapter	black	93067
IR-PD-2C	-	92475
IR-PD-Mini	-	92159
Wire basket BSK (Ø 200 x 90 mm)	white	92199
Cover ring PD2/PD3 FC		93085
Blinds PD2-FC		36635

Technical data

Voltage:	12 – 48 V AC / DC
Dimensions:	Ø 80 x 85 mm
Power consumption:	< 1 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
Impact strength:	IK05
Ambient temperature:	-25 °C to +50 °C
Housing:	polycarbonate, UV-resistant
Material color:	white mat, similar to RAL9010
Channel 1 (lighting control, potential-free (dry))	
Switching power:	3 A; cos φ = 1
Type of contact (k):	1x μ-contact, dry NO contact
Follow-up time:	15 sec – 30 min, Pulse
Brightness set value:	10 – 2000 Lux
Channel 2 (HVAC control potential-free (dry))	
Switching power:	3 A; cos φ = 1
Type of contact:	1x μ-contact, dry NO contact
Follow-up time:	5 min – 120 min, Alarm pulse, Pulse
Light measuring:	Mixed light measuring

Product information

Occupancy detector with operating voltage of 12-48 V

Two potential-free (dry) channels
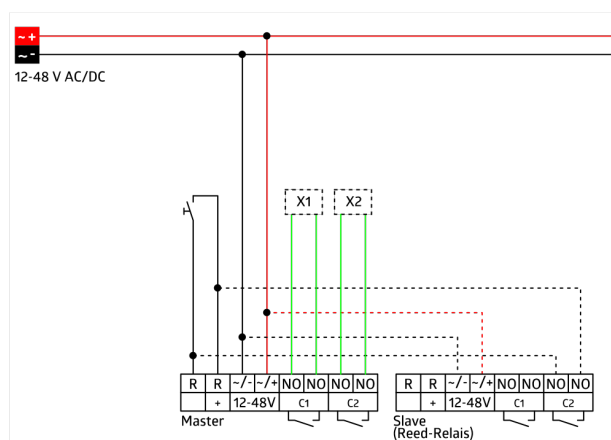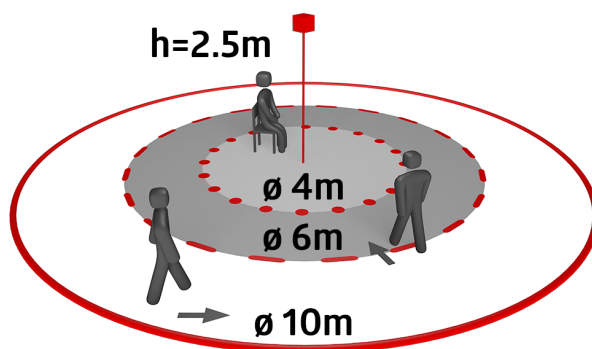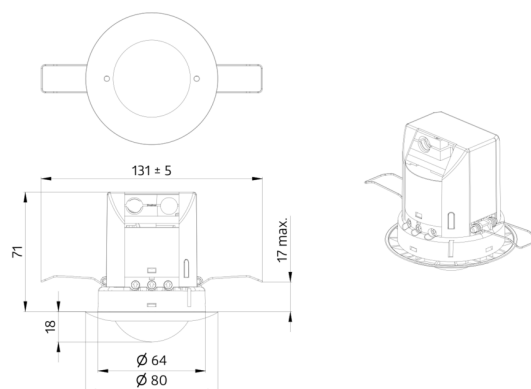
Can be used as either Master device or Slave device

Manual switching via push-button possible

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

Factory settings 10 min and 500 lux (15 min HVAC)

Application examples:
corridors/hallways, toilets, equipment rooms, small offices, open-plan offices, conference rooms
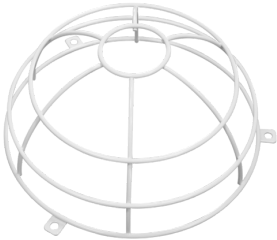
131 ± 5

71

17 max.

18

Ø 64
Ø 80

h=2.5m

ø 4m
ø 6m
ø 10m

12-48 V AC/DC

X1   X2

R	R	~/-	~/+	NO	NO	NO	NO		R	R	~/-	~/+	NO	NO	NO	NO
	+	12-48V		C1		C2				+	12-48V		C1		C2	

Master

Slave
(Reed-Relais)

Accessories

BLE-IR-Adapter
Art.No: 93067
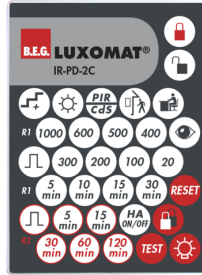
Dimensions: 40 x 55 x 103 mm
Material color: black
Frequency: 2.4 GHz ISM band, GFSK
0.2 dBm + 5.3 dBi = 5.5 dBm

IR-PD-2C
Art.No: 92475

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

IR-PD-Mini
Art.No: 92159

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

Wire basket BSK (Ø 200 x 90 mm)
Art.No: 92199

Dimensions: Ø 200 x 90 mm
Impact strength: IK09
Housing: coated steel basket

Cover ring PD2/PD3 FC
Art.No: 93085

Dimensions: Ø 84 x 9 mm
Housing: polycarbonate, UV-resistant
Material color: jet black glossy,
similar to RAL9005

Blinds PD2-FC
Art.No: 36635

Housing: polycarbonate, UV-
resistant
Material color: transparent