

B.E.G.**LUXOMAT®**

PD4-M-3C-TRIO-FC

92745 EAN: 4007529927456

230V 3-channel PIR motion detector with 360° detection and a range of up to Ø24m (450 m²), remote-controlled

Areas of application

- open-plan offices
- conference rooms
- classrooms/seminar rooms

Order data

Designation	Colour	Art.No
PD4-M-3C-TRIO-FC	white	92745

Accessories

Designation	Colour	Art.No
RC-Arc extinction kit	white	10880
Mini-RC-Arc extinction kit		10882
BLE-IR-Adapter	black	93067
IR-PD4-TRIO-3C	-	92851
Wire basket BSK (Ø 164 x 143 mm)	white	92467
Blinds PD4	transparent	92313

Technical data

Voltage:	110 – 240 V AC 50 / 60 Hz
Dimensions:	Ø 117 x 100 mm
Power consumption:	approx. 0.5 W
Detection area:	horizontal 360° (Ceiling mounting) max. Ø 24 m across max. Ø 8 m towards max. Ø 6.4 m seated
Range:	
Monitored area (tangential movement):	450 m ² / 2.5 m mounting height
Mounting height min./max./recommended:	2 m / 10 m / 2.5 m
Degree / class of protection:	IP20 / Class II
Impact strength:	IK04
Ambient temperature:	-25 °C to +50 °C
Housing:	polycarbonate, UV-resistant
Material color:	white mat, similar to RAL9010

Channel 1 (lighting control)

Switching power:	3000 W, $\cos \varphi$ = 1 1500 VA, $\cos \varphi$ = 0.5 800 W LED max. inrush current I_p (20 ms) = 165 A max. inrush current I_p (200 µs) = 800 A
Type of contact (k):	1x µ-contact, NO contact with tungsten pre- make contact
Switch-on threshold:	10 – 2000 Lux

Channel 2 (lighting control potential-free (dry))

Switching power:	3000 W, $\cos \varphi$ = 1 1500 VA, $\cos \varphi$ = 0.5 800 W LED max. inrush current I_p (20 ms) = 165 A, I_p (200 µs) = 800 A
Switch-on threshold:	10 – 2000 Lux

Product information

Occupancy detector particularly for classrooms and training classrooms

Two contacts, one of them dry, for two groups of light, separate switching possible

One potential-free contact for blackboard illumination or HVAC

One common detection area

Two independent, movable light sensors

Manual switching possible via two or three pushbuttons

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

Application examples:

open-plan offices, conference rooms, classrooms/seminar rooms

Type of contact:

1x μ -contact,
dry NO contact
with tungsten
pre-make
contact

**Channel 3 (HVAC
control or lighting
control, potential-free
(dry))**

Switching power:

3000 W, $\cos \varphi$
= 1
1500 VA, $\cos \varphi$
= 0.5
800 W LED
max. inrush
current I_p
(20ms) = 120 A

Type of contact:

1x μ -contact,
dry NO contact

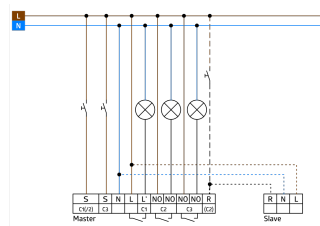
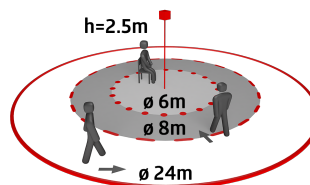
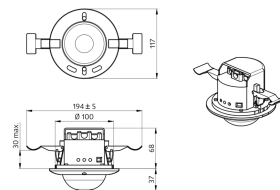
Channel 1 to channel 3

Follow-up time:

1 min – 90 min

Light measuring:

Mixed light
measuring



Accessories



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



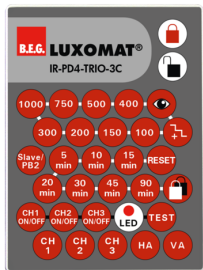
Mini-RC-Arc extinction kit
Art.No: 10882

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



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-PD4-TRIO-3C
Art.No: 92851

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



Wire basket BSK (Ø 164 x 143 mm)
Art.No: 92467

Dimensions: Ø 164 x 143 mm
Impact strength: IK09
Housing: coated steel basket



Blinds PD4
Art.No: 92313

Housing: Housing UV- and shockresistant Polycarbonate
Material color: transparent