

**B.E.G.****LUXOMAT®**

## PD4-M-3C-TRIO-FC

Prod.No. 92745 EAN: 4007529927456

230V 3-channel PIR motion detector with 360° detection and a range of up to Ø24m (450 m<sup>2</sup>), 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 <sup>2</sup> / 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 $\mu$ s) = 800 A
Type of contact (k):	1x $\mu$ -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 $\mu$ s) = 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  $\mu$ -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  $\mu$ -contact,  
dry NO contact

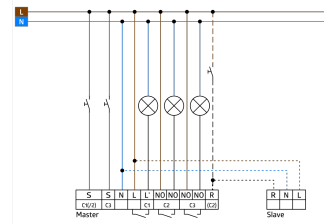
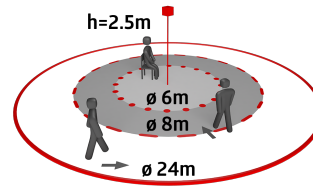
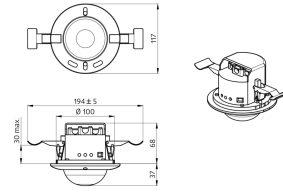
**Channel 1 to channel 3**

Follow-up time:

1 min - 90 min

Light measuring:

Mixed light  
measuring



## Accessories



**RC-Arc extinction kit**  
Art.No: 10880

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



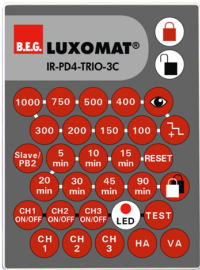
**Mini-RC-Arc extinction kit**  
Art.No: 10882

Voltage: 230 V AC  $\pm 10\%$   
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