B.E.G. LUXOMAT®



PD4-M-3C-TRIO-SM

92740 EAN: 4007529927401

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

Order data

Designation	Colour	Art.No
PD4-M-3C-TRIO-SM	white	92740

Areas of application

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

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
Socket IP54 PD4-TRIO-SM	white	92386
Wall holder PD4-SM	white	92441
Blinds PD4	transparent	92313
Pendulum mounting set PD2/3/4 SM	jet black	93193
Pendulum mounting set PD2/3/4 SM	white	93179

Technical data

Voltage:	110 – 240 V AC 50 / 60 Hz
Dimensions:	Ø 124 x 85 mm
Power consumption:	approx. 0.5 W
Detection area:	horizontal 360° (Ceiling mounting)
Range:	max. Ø 24 m across max. Ø 8 m towards max. Ø 6.4 m seated
Monitored area (tangential movement):	450 m² / 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 φ = 1 1500 VA, cos φ = 0.5 800 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
Switch-on threshold:	10 – 2000 Lux
Channel 2 (lighting control potential-free (dry))	
Switching power:	3000 W, cos φ = 1 1500 VA, cos φ = 0.5 800 W LED max. inrush current Ip (20 ms) = 165 A, Ip (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

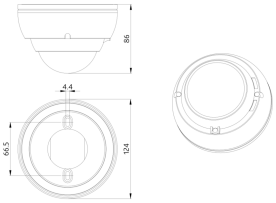
Detection area can be extended by using slave devices

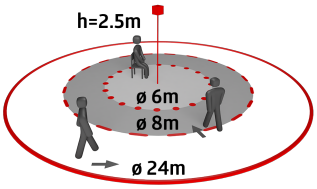
Additional functions can be set up using the optional remote control.

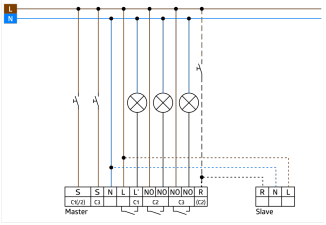
Relay with tungsten pre-make contact, optimised for LED loads

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 φ = 1 1500 VA, cos φ = 0.5 800 W LED max. inrush current Ip (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: -



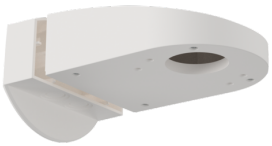
Wire basket BSK (Ø 164 x 143 mm)
Art.No: 92467

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



Socket IP54 PD4-TRIO-SM
Art.No: 92386

Degree / class of protection: IP54
Housing: polycarbonate, UV-resistant
Material color: white



Wall holder PD4-SM
Art.No: 92441

Dimensions: 130 x 100 x 53 mm
Housing: polycarbonate, UV-resistant
Material color: white



Blinds PD4
Art.No: 92313

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



Pendulum mounting set PD2/3/4 SM
Art.No: 93193

Dimensions: 1 : Ø 113 x 79 mm, 2 : Ø 113 x 34 mm
Housing: polycarbonate, UV-resistant
Material color: jet black, similar to RAL9005



Pendulum mounting set PD2/3/4 SM
Art.No: 93179

Dimensions: 1 : Ø 113 x 79 mm, 2 : Ø 113 x 34 mm
Housing: polycarbonate, UV-resistant
Material color: white, similar to RAL9010