

B.E.G.**LUXOMAT®**

PD3-MIC-2C-FC

Prod.No. 96510 EAN: 4007529965106

Ceiling motion detector for indoor use with a 360° detection area

One channel for light switching

One additional potential-free (dry) contact for HVAC

Order data

Designation	Colour	Art.No
PD3-MIC-2C-FC	white	96510

Technical data

Voltage:	230 V AC $\pm 10\%$
Dimensions:	$\varnothing 84 \times 80$ mm
Power consumption:	< 1 W
Detection area:	horizontal 360° (Ceiling mounting) max. $\varnothing 10$ m across
Range:	max. $\varnothing 6$ m towards max. $\varnothing 4$ m seated
Monitored area (tangential movement):	$78 \text{ m}^2 / 2.5$ m mounting height
Mounting height min./max./recommended:	$2 \text{ m} / 5 \text{ m} / 2.5$ m
Degree / class of protection:	IP20 / Class II
Ambient temperature:	-25°C to $+50^\circ \text{C}$
Housing:	polycarbonate, UV-resistant
Material color:	white mat, similar to RAL9010

Channel 1 (lighting control)

Switching power:	2300 W , $\cos \varphi = 1$ 1150 VA , $\cos \varphi = 0.5$ 300 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
Follow-up time:	15 sec - 30 min
Switch-on threshold:	10 - 2000 Lux

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

Switching power:	3 A (230 V), $\cos \varphi = 1$
Type of contact:	1x dry NO contact
Follow-up time:	5 min - 120 min

Product information

Ceiling motion detector for indoor use with a 360° detection area

One channel for light switching

One additional potential-free (dry) contact for HVAC

Acoustic sensor independently adjustable

Typical applications:

monitoring of smaller areas like stairwells, private garages, galleries, wash rooms



