LUXOMAT®

PD9-1C-FC

Prod.No. 92902 EAN: 4007529929023

- Voltage: 110 – 240 V AC 50 / 60 Hz

- Dimensions: Sensor head: Ø 45 x 37 mm,
  Power supply: 165 x 24 x 24 mm

- Power consumption: approx. 0.5 W

Order data

Designation	Colour	Art.No
PD9-1C-FC	white	92902

Areas of application

- toilets

- equipment rooms

- entrance halls

- corridors/hallways

- small offices

Accessories

Designation	Colour	Art.No
RC-Arc extinction kit	white	10880
Mini-RC-Arc extinction kit		10882
Cover IP65 for Sensor head PD9	transparent	92958
Cover ring PD9 Ø 36 mm	anthracite	92235
Cover ring PD9 Ø 36 mm	white	92238
Cover ring PD9 Ø 36 mm	silver	92237
Cover ring PD9 Ø 45 mm	white	92327
Cover ring PD9 Ø 45 mm	silver	92346
Square design frame PD9-FC	pure white	92993

Technical data

Voltage:	110 – 240 V AC 50 / 60 Hz
Dimensions:	Sensor head: Ø 45 x 37 mm, Power supply: 165 x 24 x 24 mm
Power consumption:	approx. 0.5 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:	IK03
Ambient temperature:	-25 °C to +50 °C
Housing:	polycarbonate, UV-resistant
Material color:	white mat, similar to RAL9010
Cable length:	45 cm
Channel 1 (lighting control)	
Switching power:	1000 W, cos φ = 1 500 VA, cos φ = 0.5 200 W LED
Type of contact (k):	1x µ-contact, NO contact
Follow-up time:	30 sec – 30 min, Pulse
Switch-on threshold:	10 – 2000 Lux

Product information

Mini-motion detector for indoor use

One channel for light switching
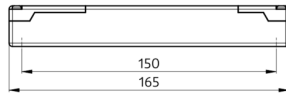
Zero crossing switching

Easy installation on device

Power supply passes through the hole in the ceiling for the detector (34 mm Ø)

Spring clips for quick and easy installation in suspended ceilings and light fittings
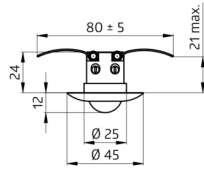
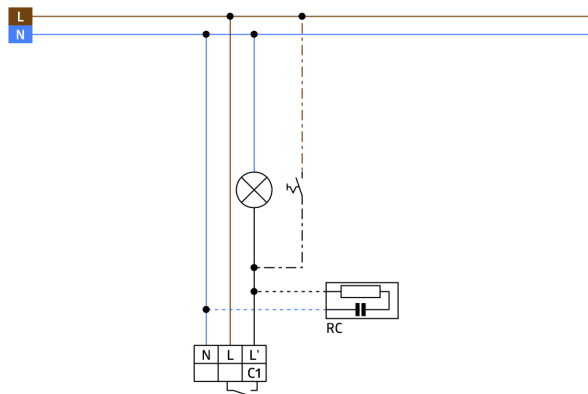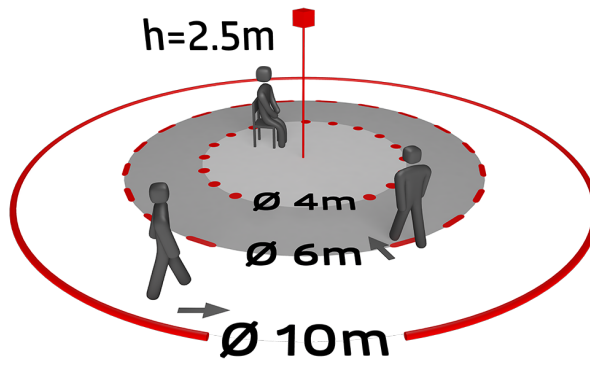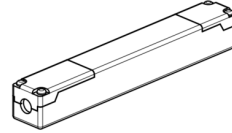Includes 45 mm cover ring and blinds

Application examples:
toilets, equipment rooms, entrance halls, corridors/hallways, small offices

150
165

power supply

24
24

80 ± 5
21 max.
24
12
Ø 25
Ø 45

sensor head

h=2.5m

Ø 4m
Ø 6m
Ø 10m

L
N

RC

N L L'
C1

Accessories

RC-Arc extinction kit
Art.No: 10880

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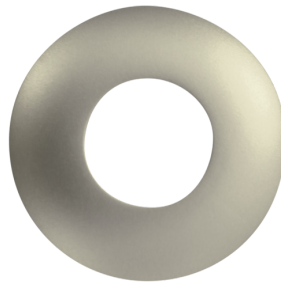Degree / class of protection: IP20 /
Class II

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

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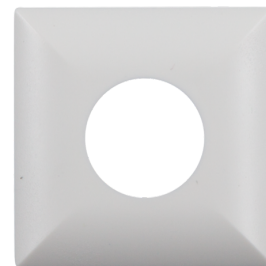Degree / class of protection: IP20 /
Class II

Cover IP65 for Sensor head PD9
Art.No: 92958

Degree / class of protection: IP65
Housing: UV-resistant
Material color: transparent

Cover ring PD9 Ø 36 mm
Art.No: 92235

Dimensions: Ø 36 mm
Housing: polycarbonate, UV-
resistant
Material color: anthracite glossy

Cover ring PD9 Ø 36 mm
Art.No: 92238

Dimensions: Ø 36 mm
Housing: polycarbonate, UV-
resistant
Material color: white glossy

Cover ring PD9 Ø 36 mm
Art.No: 92237

Dimensions: Ø 36 mm
Housing: polycarbonate, UV-resistant
Material color: silver glossy

Cover ring PD9 Ø 45 mm
Art.No: 92327

Dimensions: Ø 45 mm
Material color: white mat

Cover ring PD9 Ø 45 mm
Art.No: 92346

Dimensions: Ø 45 mm
Material color: silver mat

Square design frame PD9-FC
Art.No: 92993

Dimensions: 45 x 45 x 2.6 mm
Housing: polycarbonate, UV-resistant
Material color: pure white mat, similar
to RAL9010