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by INTERMATIC

Presence detectors - talis II PHB 360-20-1i
Item 18.06.0020.1

PRODUCT DESCRIPTION

In some cases, a presence detector installed at greater height just does the job better. Grässlin has these cases covered with its talis II PHB 360-20-1i. The device surveys a diameter of 20 metres from a height of up to 12 metres – it feels right at home in large halls, high-bay warehouses and the like. Its passive infrared sensor switches the connected electric consumer automatically depending on the ambient brightness and only when it detects that people are present. In this case, a remote control is more than a quality-of-life improvement – it's absolutely necessary to allow for adjustments. This presence detector offers a high energy efficiency through regular light balancing and offline function when there is sufficient daylight.

APPLICATIONS

► Atriums
► Entrance Areas
► Garage
► Indoor/Outdoor Lighting
► Light Control
► Outdoor Applications
► Parking Lots
► Sport Halls
► Warehouse

TECHNICAL DATA

General	
Model Number	18.06.0020.1
Description	talis II PHB 360-20-1i
EAN Code	4010940046019
Scope of application	Inside/Outside

Control Specifications	
Sensor Type	Passive Infra-Red (PIR)
Light level	approx. 10 Lux - infinite Lux; Lux Memory

Mechanical Specifications	
Mounting Options	False Ceilling ; Ceiling; Surface Mounting (with accessories only); Ceiling (with accessories only)

Dimensions	
Product Height (mm)	105
Product Width (mm)	105
Product Depth (mm)	66.5

Material Specifications	
Color	White (similar to RAL 9016)
Product Weight (kg)	0.139

Communication Method	
Wired	2-Wire
IR interface	Remote operation

Electrical Specifications	

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Supply Voltage	AC 230 V ± 10% 50-60 Hz
Load incandescent bulb	max. 2200 W
Load halogen lamp	max. 2200 W (AC); max. 1000 W (LV) conventional
Load compact fluorescent lamp	max. 140 µF (non-compensated)
Load LED lamp	max. 600 W
Load energy-saving bulbs	max. 600 W (incl. CFL and PL lamp)
Power consumption (Standby)	<1 VA
Parallel switching	Max. 10 sensors

Benefits	
Channels	1

Display and Format	
Angle of detection	360°
Range walking towards	Ø 10 m
Range walking across	Ø 20 m
Installation height	12 m
Time setting (1CH)	approx. 30 sec. - 30 min.

Operating Specifications	
Operating mode	Impulse function; Test Mode; Learning Function

Environmental Specifications	
Temperature (operation)	-20°C..45°C

| Standards and Certifications	
Approval mark	CE
Protection class	II, According to Corresponding Mounting
Protection type	IP20, IP54 with Sealing
Standards and Guidelines	EN 55015; EN 60669-1; EN 61000-3-3; EN 61547; 2006/95/CE (LVD); EN 60660-2-1; 2004/108/CE (EMV); EN 61000-3-2

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ANNEX

CIRCUIT DIAGRAMS

RANGE DIAGRAMS

12 m

■ Ø 10 m
■ Ø 20 m
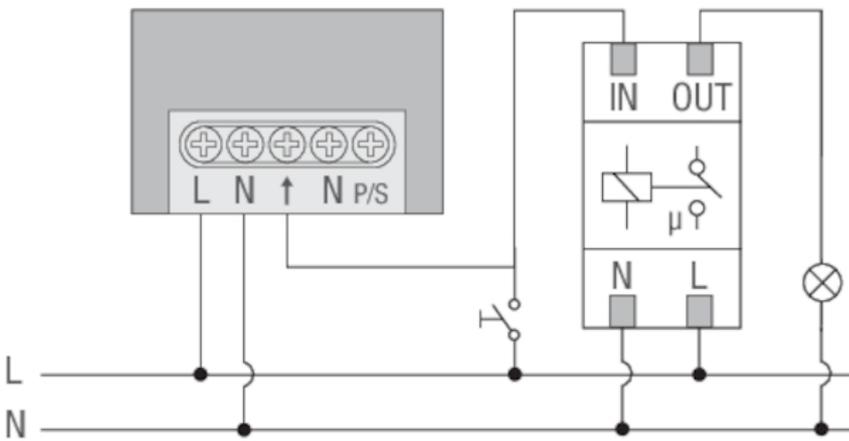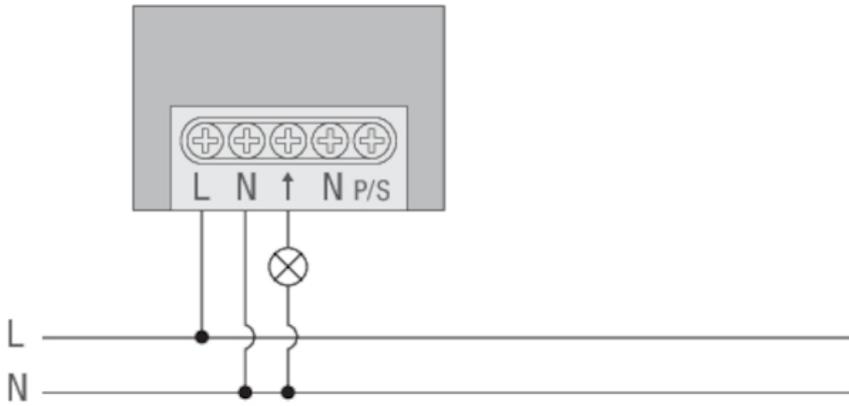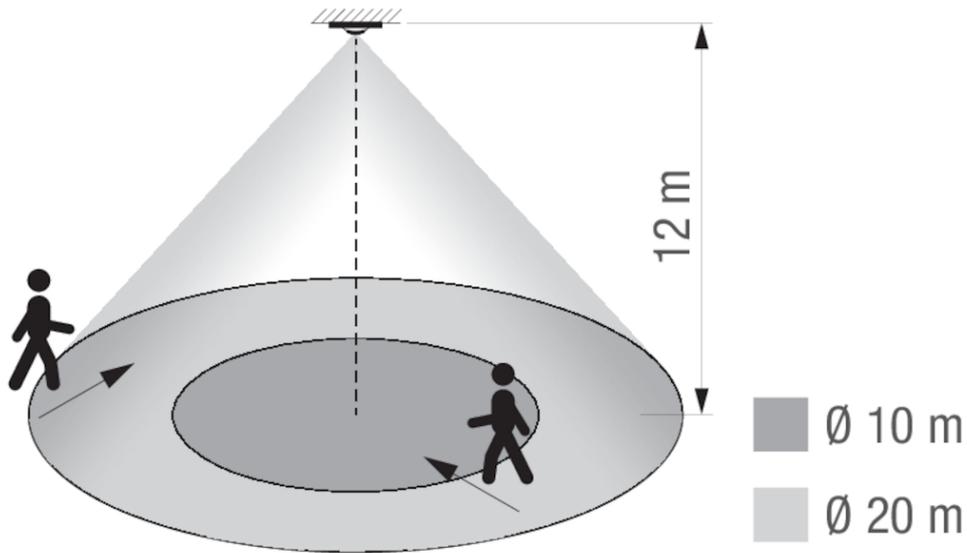
Installation height	Detection range (tangential movement)
3 m	Ø 10 m
6 m	Ø 12 m
9 m	Ø 14 m
12 m	Ø 20 m

DIMENSIONAL DRAWINGS

Ø 105

49

66.5

44.5

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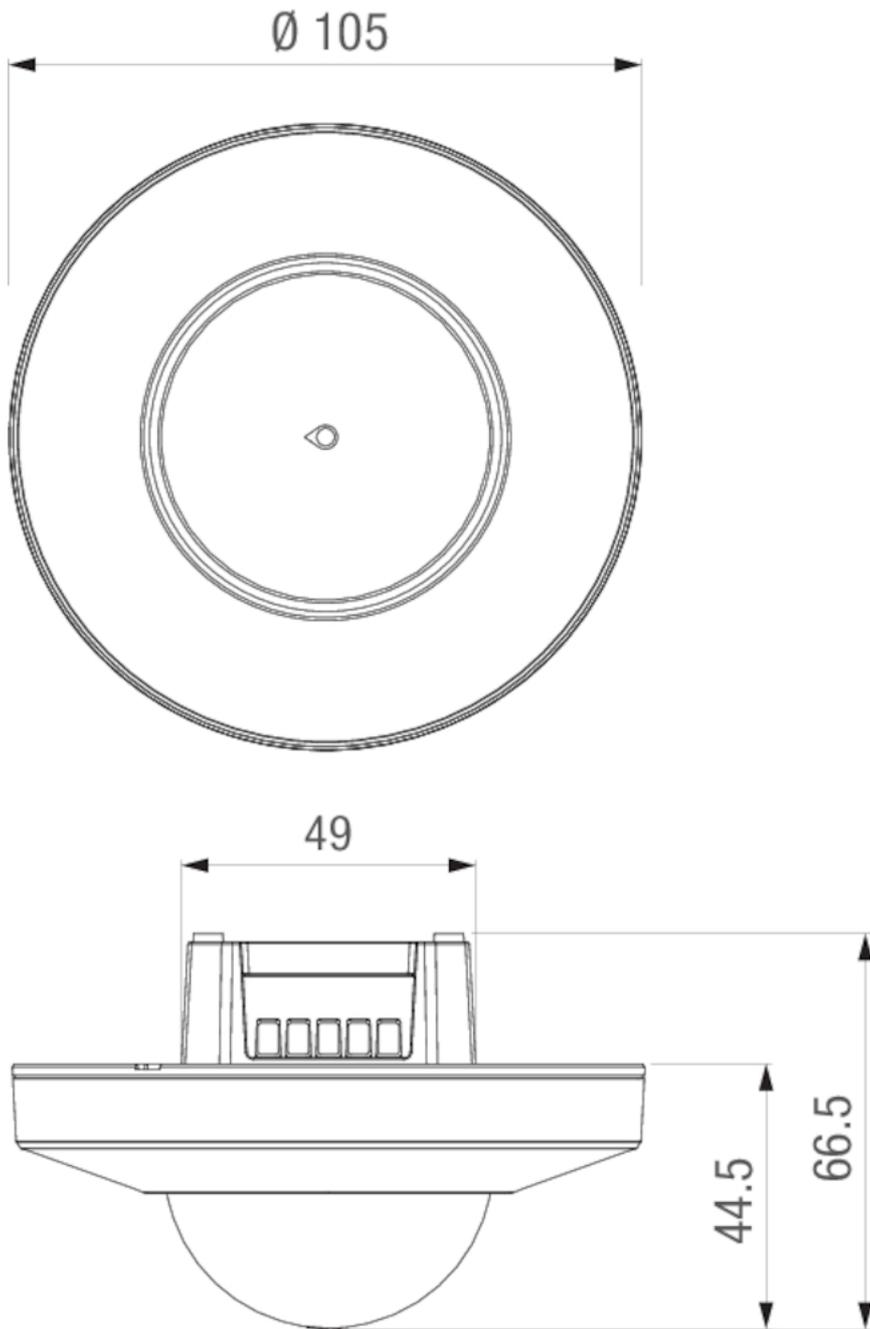
ACCESSORIES

07.10.0004.1
talis II SM BOX 20

07.10.0006.1
talis II RC IR10

07.10.0005.1
talis II FC BOX 20