

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
Statistic Goods #	000853650800000
Min Delivery Period	99
Substitution Flag	Not Applicable
Catalog Flag	False
Packaging Unit	48
Green Dot Mark	False
Pref Trade Agreement	False
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 Ceiling ; Ceiling; Surface Mounting (with accessories only); Ceiling (with accessories only)
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Dimensions

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

Material Specifications

Color	White (similar to RAL 9016)
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Product Weight (kg)	0.18
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Communication Method

Wired	2-Wire
IR interface	Remote operation

Electrical Specifications

Supply Voltage	AC 230 V \pm 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 μ F (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
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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
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Environmental Specifications

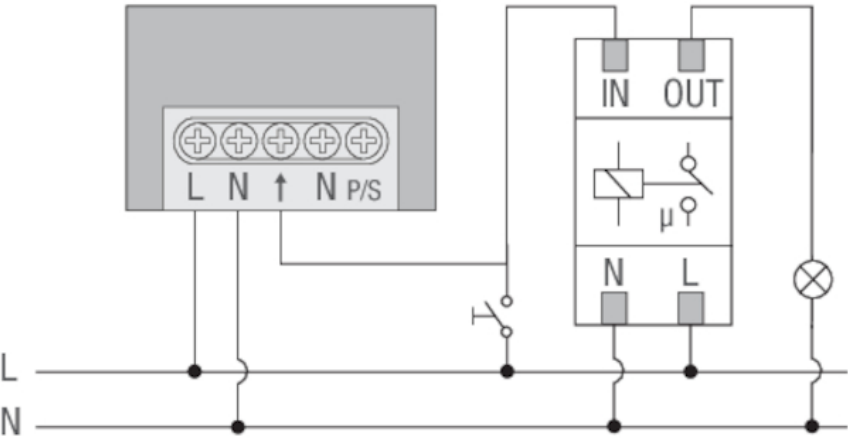
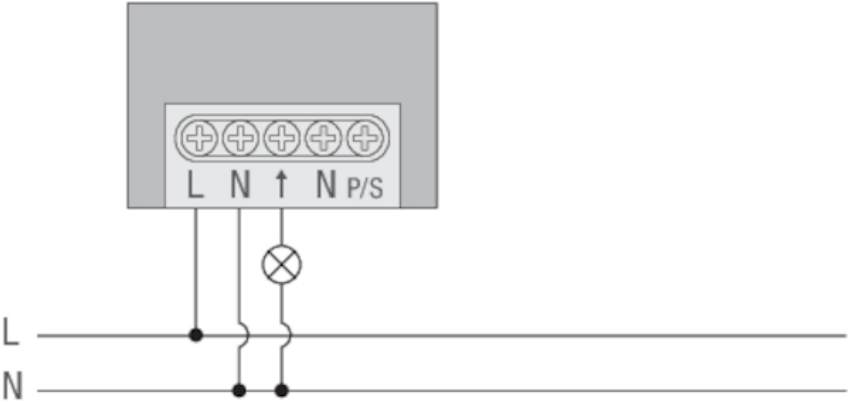
Temperature (operation)	-20°C..45°C
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Standards and Certifications

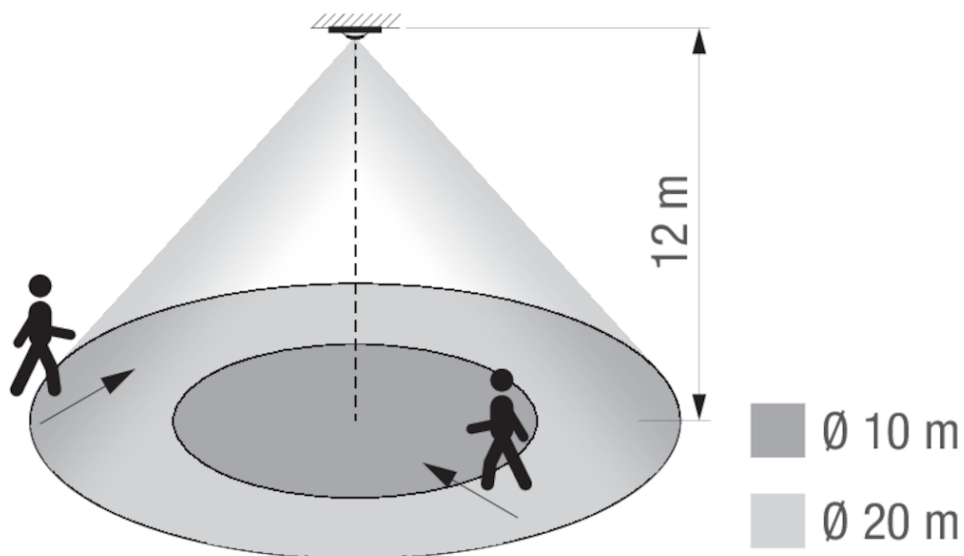
Approval mark	CE
Protection class	II, According to Corresponding Mounting
Protection type	IP20, IP54 with Sealing
Standards and Guidelines	EN 55015; EN 60669-1; EN 61000-3-3; EN 61547; 2006/95/CE (LVD); EN 60660-2-1; 2004/108/CE (EMV); EN 61000-3-2

ANNEX

CIRCUIT DIAGRAMS

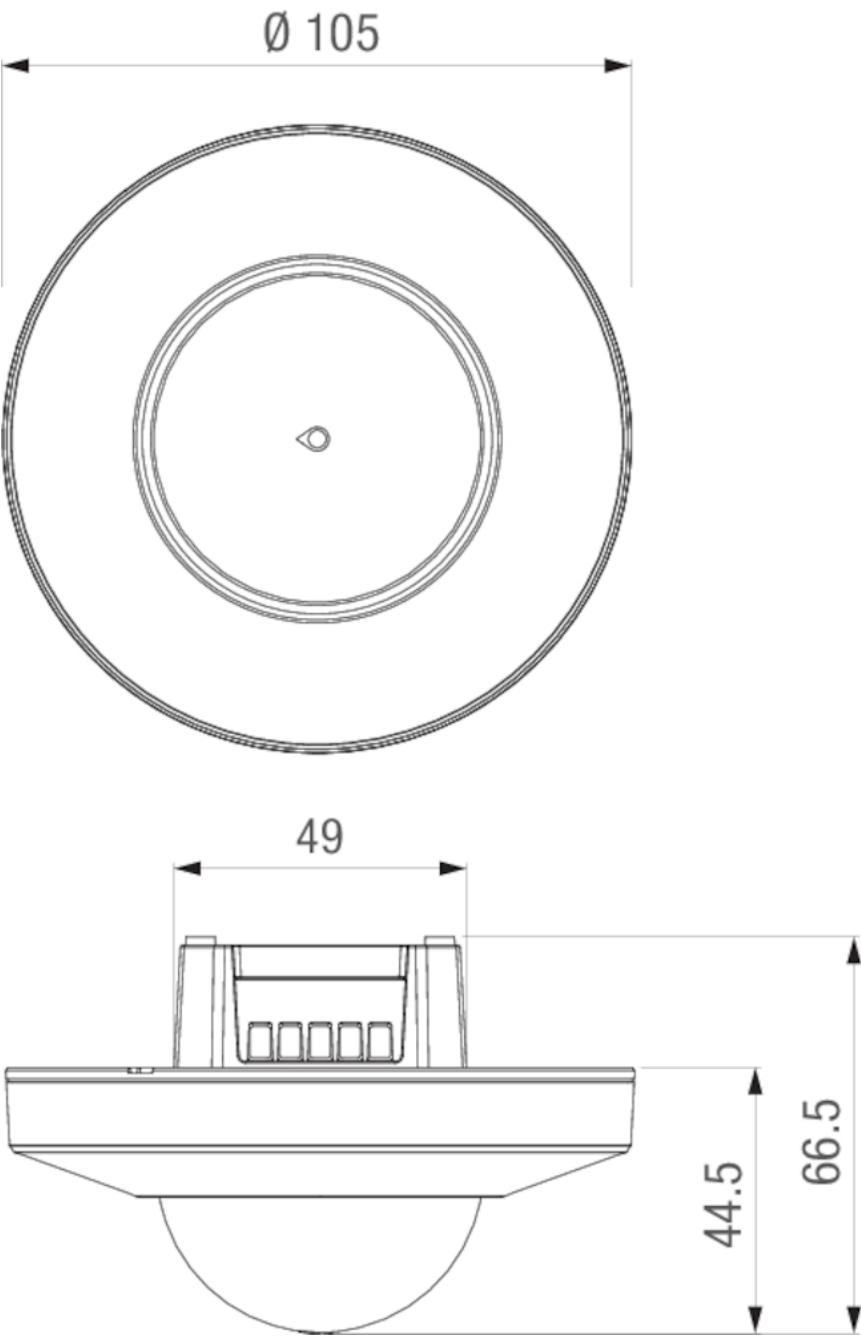


RANGE DIAGRAMS



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



ACCESSORIES



07.10.0004.1
talys II SM BOX 20



07.10.0006.1
talys II RC IR10



07.10.0005.1
talys II FC BOX 20