PlanoCentro 101-USR   Article number: 2030204

Description

- Presence detector (PIR)
- For flush-mounting (concrete ceiling)
- With metal installation frame for screwed fixing in wooden ceilings or in flush-mounted sockets, incl. cover
- Square 360° detection range allows accurate and simple planning
- Flush design
- Exchangeable cover accordong to shape, colour and material
- Mixed light measurement
- Presence and brightness-dependent control for lighting and HVAC systems
- Choice of fully or semi-automatic lighting control

- Connection option for sensors or switches for manual switching with automatic recognition
- Adjustable sensitivity
- Can be configured remotely
- 6 predefined basic settings on presence detector
  - Installation with mechanical stop
- Lighting control with brightness threshold value and self-learning switch-off delay
- Pulse function for staircase time switch
- Presence output with switch-on and switch-off delay
  - Room monitoring with selective movement detection
  - Management remote control SendoPro 868-A (optional)
  - SendoClic user remote control (optional)
- Parameters can be selected for subsequent changes
  - The switching behaviour of the presence detector is controlled by presence and light
  - The lighting switches on with darkness and presence and off with sufficient light or absence
  - The self-learning switch-off delay adjusts to occupants' behaviour

- Fully or semi-automatic: In "Fully automatic" mode, the lighting switches on and off automatically according to presence and light. In "Semi automatic" mode, it must be switched on manually and switches off automatically
  - Manual override: Lighting can be manually controlled at any time
  - Simple setting using rotary switch with 6 predefined configuration sets
  - Presence output for HVAC control: Switching behaviour is only controlled by presence
  - Extended detection area
- The presence detector has a mixed light measurement and is suitable for switching the following types of lamp: Fluorescent lamps (FL/PL), halogen and incandescent lamps as well as LEDs
  - Master/master parallel switching: Up to 10 presence detectors can be connected with each other to control several lighting groups. Each master controls its lighting group according to its own brightness measurements. Presence is detected by all the detectors
  - Parameters can be selected via the SendoPro
- Test operation mode checks the detection range and configuration
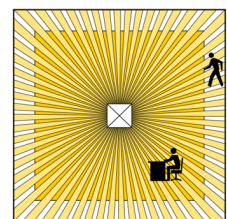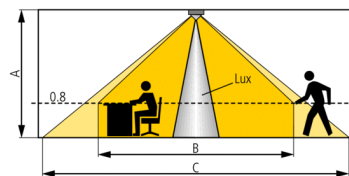- A maximum of 10 detectors can be switched at the same time

Technical data

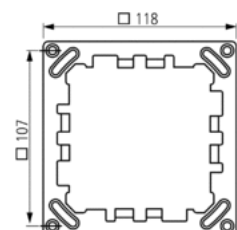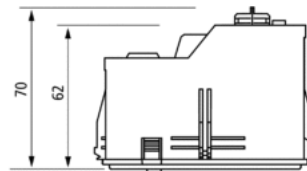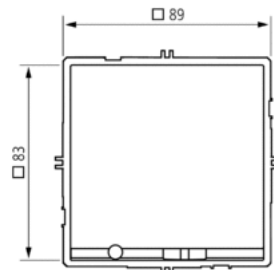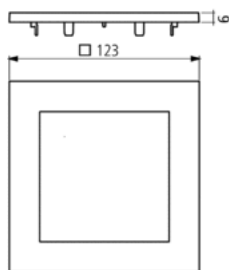|	
Operating voltage	230 V AC
Frequency	50 Hz
Light measurement	Mixed light measurement
Power consumption	0,8 W
Setting range brightness	5 – 2000 lx
Installation type	Ceiling installation (flush-mounting for concrete ceiling)
Recommended installation height	2 – 3,5 m
Mounting plate	118 x 118 mm metal
Type of connection	Spring terminals
Light switch-off delay	Impuls, 10 sec-60 min
Presence switch-off delay	10 sec-120 min
Switch-on delay presence	0 s – 10 min

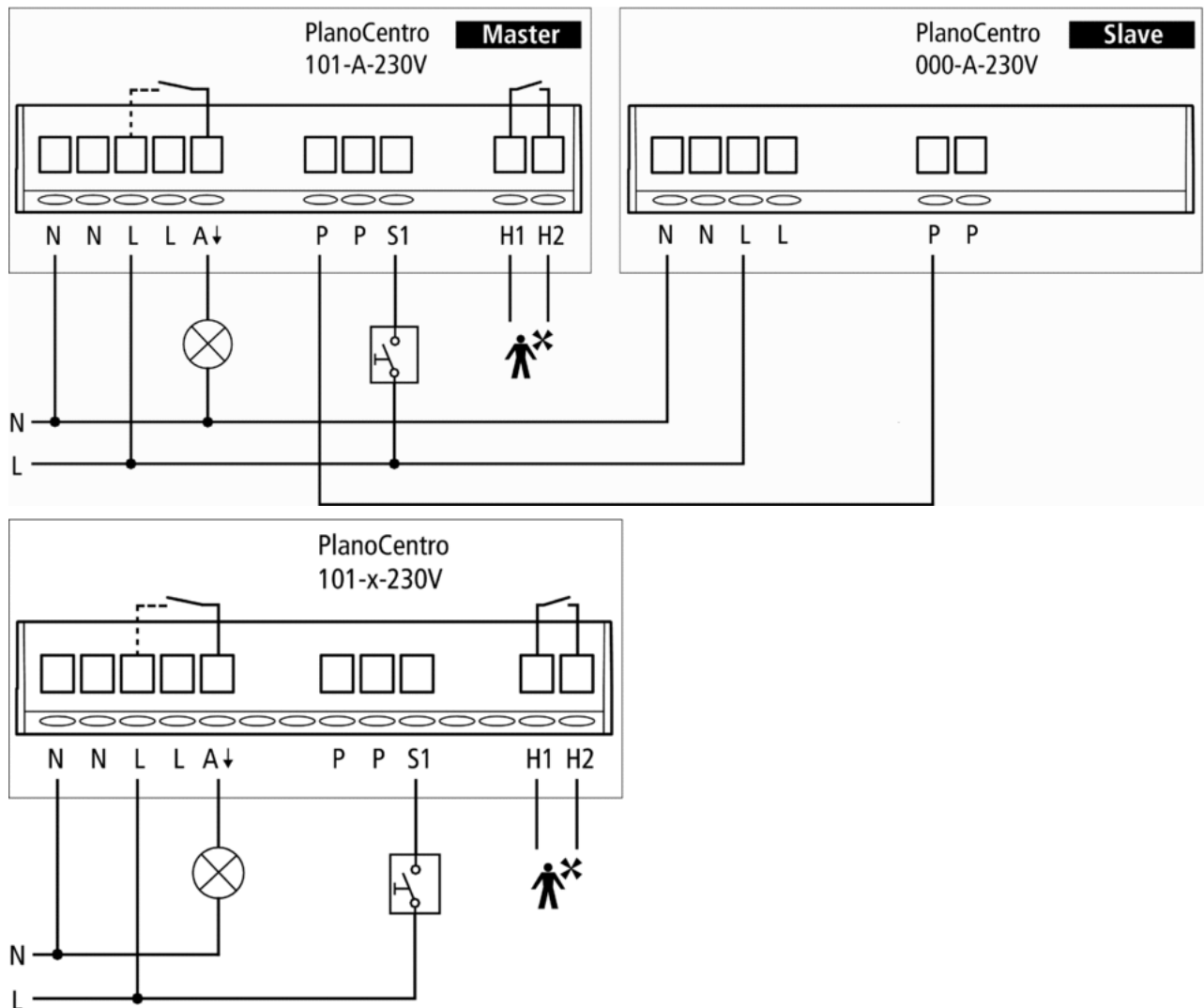| Type of contact light	Relay 230 V/10 A
Switching capacity light	2300 W (at cos f = 1), 1150 VA (at cos f = 0,5)
Incandescent/halogen lamp load	2300 W
Compact and flourescent lamps	2300 W (at cos f = 1), 1150 VA (at cos f = 0,5)
Lamps	Incandescent/halogen lamps, Fluorescent lamps, Energy saving lamps, LEDs
Type of contact presence	Potential free relay
Switching capacity presence	60 W (220 V DC), 62,5 VA (250 V AC), minimal 0,5 mV/10mA
Switching output	Potential free
Ambient temperature	+0 °C … +50 °C
Protection class	II as per EN 60 730-1
Type of protection	IP 40

Detection range

Mounting height (A)	Sitting (B)	Moving (C)
2 m	4,5 m x 4,5 m	6 m x 6 m ±0,5 m
2,5 m	6 m x 6 m	8 m x 8 m ±0,5 m
3 m	7 m x 7 m	9 m x 9 m ±0,5 m
3,5 m	8 m x 8 m	10 m x 10 m ±1 m

Scale drawings

Connection example

Accessories

SendoPro 868-A
- Article number: 9070675
  Details ▸ www.theben.de

SendoClic
- Article number: 9070690
  Details ▸ www.theben.de

Junction casing, 115 x 115 x 100 mm
- Article number: 9070689
  Details ▸ www.theben.de