

PlanoCentro 101-ESR

Article number: 2030104

Description



- Presence detector (PIR)
- For ceiling installation (false ceilings)
- With installation for false ceilings and cover
- Square 360° detection range allows accurate and simple planning
- Flush design
- Exchangeable cover according 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

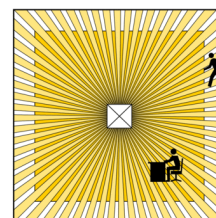
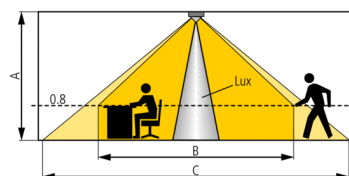
Technical data

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 mounting with mounting frame
Recommended installation height	2 – 3,5 m
Type of connection	Spring terminals
Light switch-off delay	Impuls, 10 s-60 min
Presence switch-off delay	10 s-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

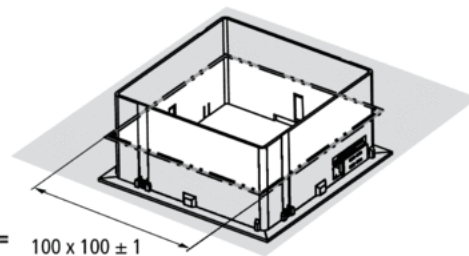
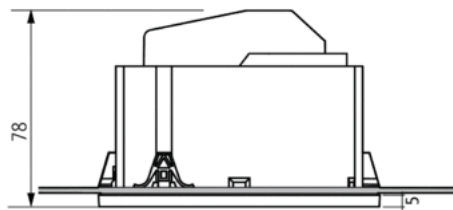
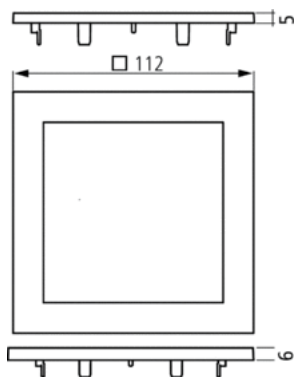
Compact and fluorescent lamps	2300 W (at $\cos \phi = 1$), 1150 VA (at $\cos \phi = 0,5$)
Compact and fluorescent lamps (Number of EVGs)	20 x 54 W, 25x39 W, 10 x 2 x 54 W, 15 x 2 x 39 W
Lamps	Incandescent/halogen lamps, Fluorescent lamps, Energy saving lamps, LEDs
Type of contact presence	Potential free 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

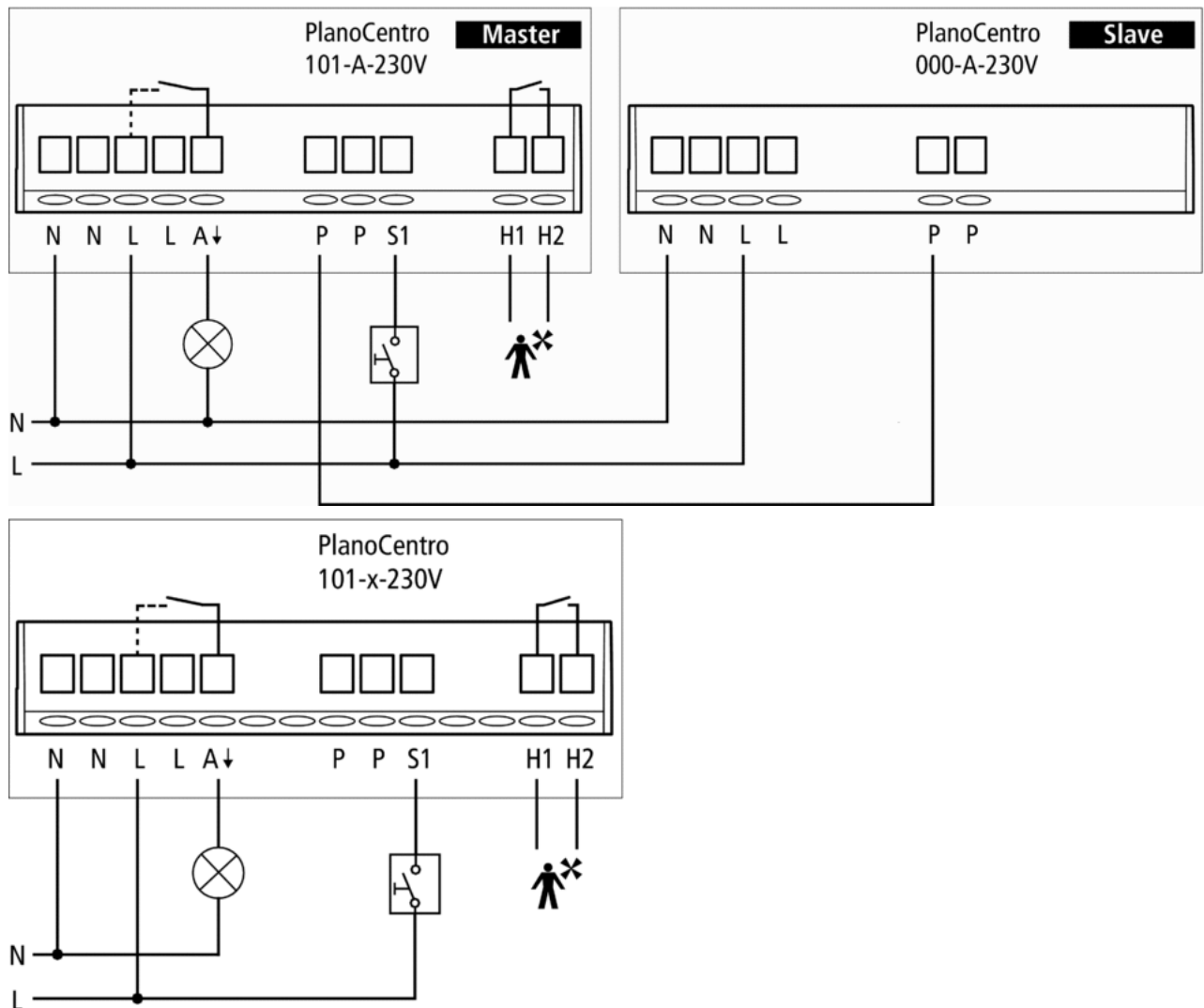
Mounting height (A)	Sitting (B)	Moving (C)
2 m	4,5 m x 4,5 m	6 m x 6 m $\pm 0,5$ m
2,5 m	6 m x 6 m	8 m x 8 m $\pm 0,5$ m
3 m	7 m x 7 m	9 m x 9 m $\pm 0,5$ m
3,5 m	8 m x 8 m	10 m x 10 m ± 1 m



Scale drawings



Connection example



Accessories

SendoPro 868-A

- Article number: 9070675
[Details ▶ www.theben.de](http://www.theben.de)



SendoClic

- Article number: 9070690
[Details ▶ www.theben.de](http://www.theben.de)

