

compact office 24V

Article number: 2014000

## Description



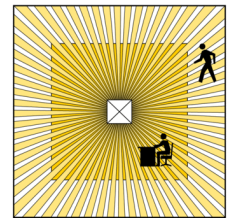
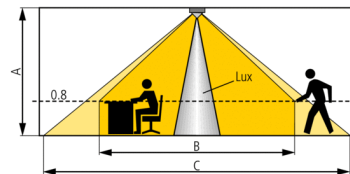
- Presence detector (PIR)
- Square detection area
- Mixed light measurement
- Light switch output (relay, potential-free)
- Presence switch output (relay, potential-free)
- Automatic control of lighting and HVAC as well as room monitoring function
- Lighting control with light threshold value and self-learning switch-off delay
- Pulse function for staircase time switch
- HVAC control with switch-on and switch-off delay
  - Room monitoring with selective movement detection
  - The pulse function is for controlling a staircase time switch
- Presence switch contact for HVAC control: The switching behaviour of the potential-free contact is only controlled by presence
  - The switch-on delay prevents instantaneous switch on. The contact only closes on completion of the switch-on delay
- The sensitivity of the presence switch output is reduced in the "monitoring" position. The contact indicates the presence of people with a high degree of certainty
- The switching behaviour of the presence detector is controlled by presence and light.
- The self-learning switch-off delay adjusts to occupants' behaviour
- The presence detector has mixed light measurement and is suitable for switching the following types of lamps: fluorescent lamps (FL/PL), halogen and incandescent lamps as well as LEDs
- The square detection area allows accurate and simple planning
- Test operation mode checks the detection area and installation
- The parameters can either be set using the potentiometer or via the optional service remote control QuickSet plus

## Technical data

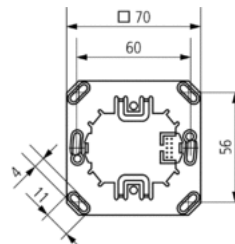
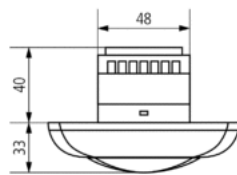
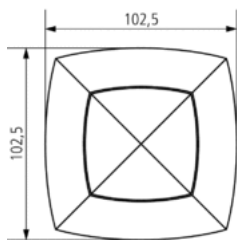
Operating voltage	24 V AC/DC
Recommended installation height	2 – 3 m
Installation type	Ceiling installation
Stand-by consumption	0,4 W
Light measurement	Mixed light measurement
Setting range brightness	10 – 1500 lx
Light switch-off delay	Impuls (0,5 s), 10 s-20 min
Type of contact light	Relay potential-free
Lamps	Incandescent/halogen lamps, Fluorescent lamps, Energy saving lamps, LEDs
Compact and fluorescent lamps	50 W (24 V AC/DC), 460 VA (230 V AC), $\mu$ , minimal 1 V/1 mA
Switch-on delay presence	0 s – 10 min
Presence switch-off delay	10 s-120 min
Type of contact presence	Relay potential-free
Switching capacity presence	50 W (24 V AC/DC), 460 VA (230 V AC), $\mu$ , minimal 1 V/1 mA
Switching output	Potential-free
Type of connection	Screw terminals
Max. cable cross section	2 x 2,5 mm <sup>2</sup>
Mounting plate	70 x 70 mm
Size of concealed housing	Ø 55 mm (NIS, PMI)
Ambient temperature	+0 °C ... +50 °C
Type of protection	IP 40

## Detection area

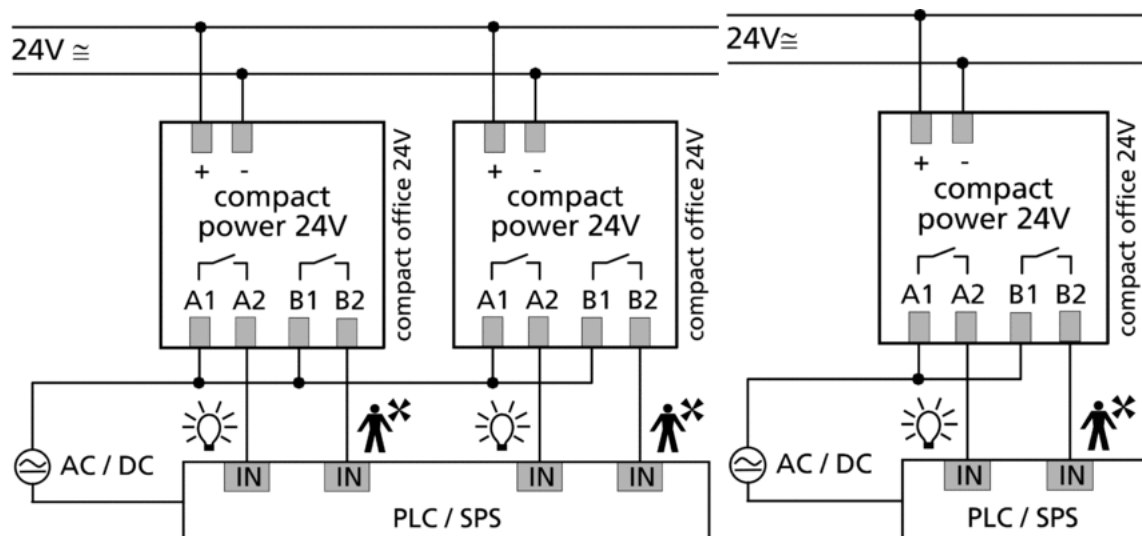
Mounting height (A)	Sitting (B)	Moving (C)
2 m	3 m x 3 m	4,5 m x 4,5 m ±0,5 m
2,5 m	4 m x 4 m	6 m x 6 m ±0,5 m
3 m	4,5 m x 4,5 m	7 m x 7 m ±1 m
3,5 m	□	8 m x 8 m ±1 m



## Scale drawings



## Connection example



## Accessories

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### Surface frame compact

- Article number: 9070514  
[Details ▶ www.theben.de](http://www.theben.de)



### clic

- Article number: 9070515  
[Details ▶ www.theben.de](http://www.theben.de)



### QuickSet plus

- Article number: 9070532  
[Details ▶ www.theben.de](http://www.theben.de)



### QuickSafe

- Article number: 9070531  
[Details ▶ www.theben.de](http://www.theben.de)

