



41-300/41-320



## Technical Data



### Input

Supply voltage	230 V AC $\pm 10\%$ 50 Hz
Power consumption 41-300	1.3 W
Power consumption 41-320	1.7 W

### Output

Relay contact	NO, $\mu 10$ A, 250 V AC
Starting peak	80A/20 ms
Compensation capacity	140 $\mu$ F

### Load

Incandescent lamps	2.300 W
Fluorescent lamps	1.200 VA
Energysave lamps	18 W / 58 pcs.
Low-voltage - Inductive (ring core)	500 VA
Low-voltage - Electronic ballast	1.200 VA
Tungsten-halogen lamps 230V	2.300 W

### Performance

Detection angle	360°
Detection range - Small movements	9 m²
Detection range - Body movements	140 m²
Time delay	1...30 min.
Lux range	10-1,000 lux
Hysteresis	+10 %
Protection class	IP 20
Cover colour	RAL 9010 (White)
Cable max. dimension	2 x $\varnothing$ 12 mm
Ceiling installation height	Max 2,5 - 3,4 m
Ambient temperature	-5° C...+50° C

### Approval

CE according to	EN 60669-2-1
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### Type 41-320 (Light/Vent.)

Extra potential free relay output (ventilation) is daylight independent.  
Time delay = Timer setting + 25 %  
Remaining data as for relay (Light)

### Parallel connection

Mounting of two sensors on the same switch will because of lux-function, affect the control system and is **not recommended**.

**Without** lux-function - parallel connection is possible.

## Presence detector 360° (230 V AC) for indoor light and ventilation control

- **Type 41-300 light control (1 channel)**
- **Type 41-320 light and ventilation control (2 channels)**
- **360° detection angle**
- **Large range - 140 m²**
- **Registers small movements in a range of 9 m²**
- **Extra energysave feature. The light can be switched off manually upon leaving.**

Presence detector 360° is available in 2 versions:

41-300	Movement and daylight control (1 channel)
41-320	As for 41-300, with additional potential free output relay for ventilation control (2 channels)

If the light has been forgotten when leaving the room, then it will automatically switch off, after the preset time has elapsed.

Sensitivity can be adjusted post-installation, if necessary.

To avoid undesired lighting in particular areas, the detector lens can be delimited with the enclosed mask.

### Manual operation of push button switch

- **Press briefly** (0.5-2 sec) to switch off the light upon leaving the room.
- **Constant light on** upon prolonged press > 2 sec. (returns to auto again when pressed briefly)
- **Constant light off** upon prolonged press > 2 sec. (returns to auto again when pressed briefly)

## Order numbers

Product	Type	EAN no.
Presence detector		
Standard	41-300	5703102 201065
Light/vent	41-320	5703102 201072