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DATA SHEET

LA 14E

Produal

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LA 14E - Movement/occupancy detector



LA 14E is an occupancy sensor for controlling ventilation and lighting. Intelligent, processor based, logic prevents false functions being at the same time very sensible. Relay function is quiet and the release delay is adjustable.

The detector has two function modes; occupancy and movement. When the occupancy detection function is selected, the detector needs a strong movement detection after which the detector changes more responsive for movements. In movement detection mode, the detector is continuously responsive.

The function of relay contact (NC / NO), contact hold time and function mode (movement/occupancy) can be selected at commissioning. The red indicator light is on for 2 seconds after movement has been detected.

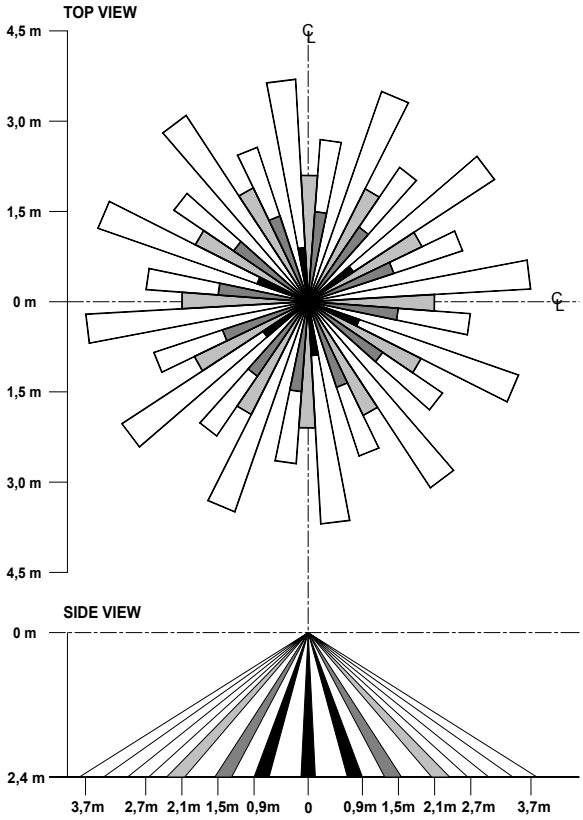
Technical specifications

Property	Value
Supply	24 Vac/dc (15...30 V), <0,5 W
Output	
Type	*NC or NO
Max. load	24 Vac / 60 Vdc, <100 mA
Hold time	2 s, 2 min, 10 min or *20 min
Indicator light	
Colour	Red
Function	Turns on for two seconds when movement is detected.
Function mode	Movement or *occupancy
Protection class	IP20
Operating conditions	
Temperature	0...50 °C
Humidity	0...85 %rH (non condensing)
Mounting	On a flush mounting box (surface mounting casing optional)
Dimensions (w x h x d)	85 x 85 x 34 mm

* = factory setting

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Detection area



Jumper settings

Relay contact	*NC	NO
S1	■	● ●

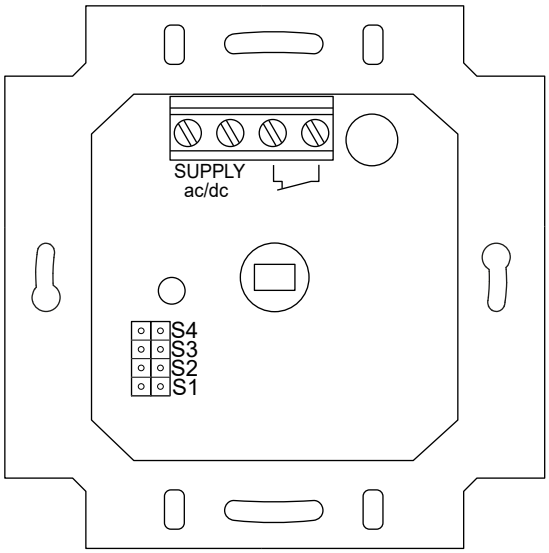
Hold time	2 s	120 s	600 s	*1200 s
S2	● ●	■	● ●	■
S3	● ●	● ●	■	■

Function mode	*Occupancy	Movement
S4	■	● ●

* = factory setting

Wiring

CAUTION **CAUTION:** Device wiring and commissioning can only be carried out by qualified professionals. Always make the wirings while the power is switched off.



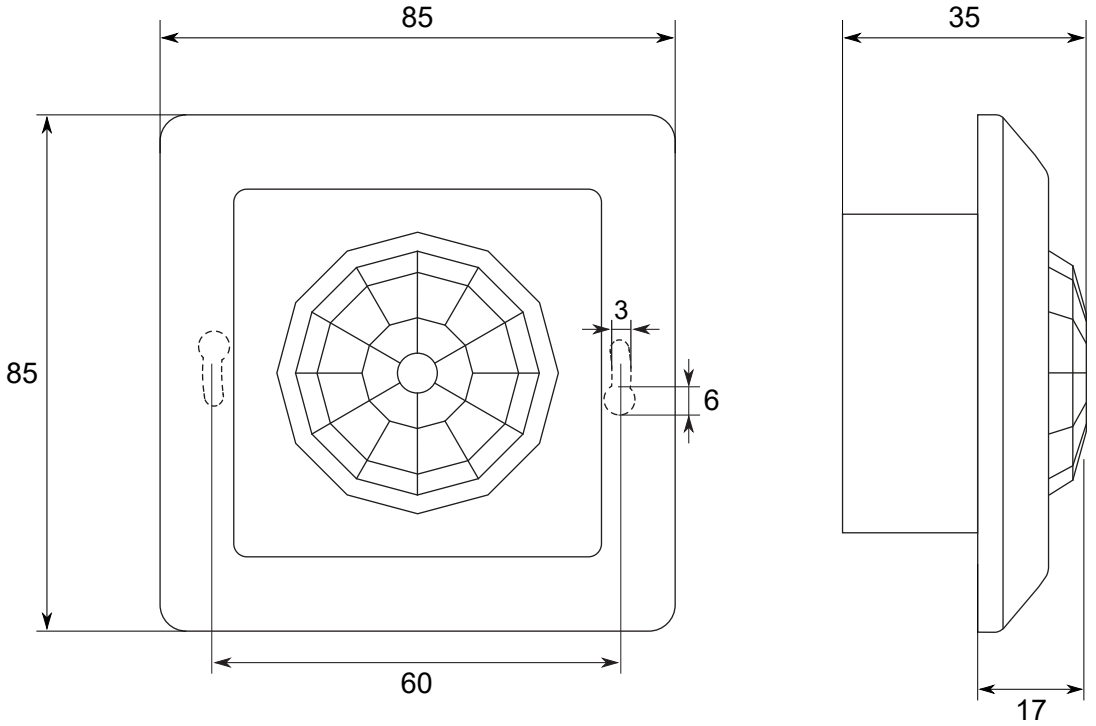
SUPPLY ac/dc	*1*	Supply, 24 Vac/dc (15...30 V), <0,5 W	
	2	0 V	
	3	NO / NC	Occupancy relay, 24 Vac / 60 Vdc, <100 mA
	4	Common	

Ordering information

	Type	Product number	Description
	LA 14E	1185130	Occupancy detector
	LA RAJ	1185070	180° detection area limiter
	SMB 1E	9000470	Casing for surface mounting

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Dimensions



Supported standards and directives

Standard	Description
2014/30/EU	Electromagnetic Compatibility (EMC).
2011/65/EU	Restriction of Hazardous Substances (RoHS2) Directive.
(EU) 2015/863	Commission Delegated Directive, amending Annex II to Directive 2011/65/EU.
EN 61000-6-3:2007/ A1:2011	Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission standard for residential, commercial and light-industrial environments.
EN 61000-6-2:2006	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity for industrial environments.

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