akribis

DATA SHEET

LA 15E

Produal

Distributed by AKRIBIS



LA 15E - Movement/occupancy detector



LA 15E is an occupancy sensor for controlling ventilation and lighting. Intelligent, processor based, logic prevents false functions being at the same time very sensible. LA 15E is especially designed for lighting control.

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 detector is equipped with two relay outputs, one for movement detection and one for lighting control. The function of movement/occupancy 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

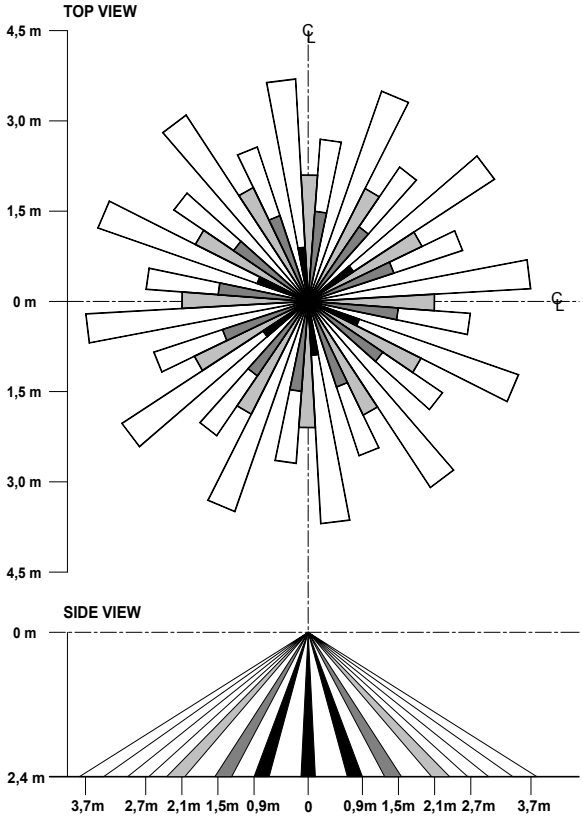
Property	Value
Supply	24 Vac/dc (20...28 V), <0,5 W
Occupancy output	
Type	*NC or NO
Max. load	24 Vac / 60 Vdc, <100 mA
Function	The contact changes for 2 seconds after movement is detected.
Lighting output	
Type	NC or NO
Max. load	250 Vac <1,5 A (inductive) / 250 Vac <8 A (resistive)
Hold time	2 s, 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)

AKRIBIS - www.akribis.info - contacto@akribis.info

Property	Value
Mounting	On a flush mounting box (surface mounting casing optional)
Dimensions (w x h x d)	85 x 85 x 34 mm

* = factory setting

Detection area



Jumper settings

Occupancy relay contact	*NC	NO
S1	■	● ●

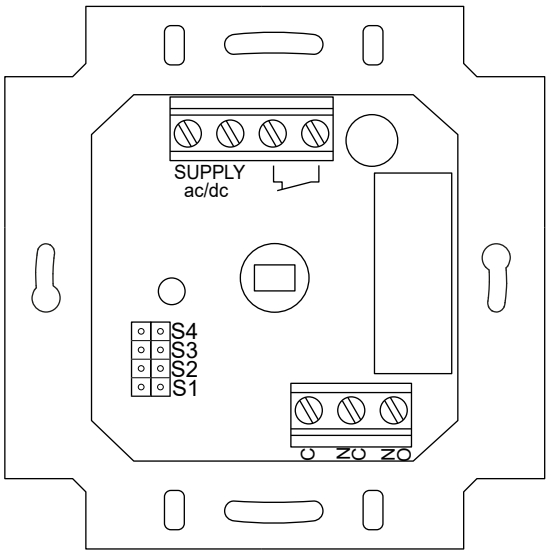
Lighting relay hold time	2 s	120 s	600 s	*1200 s
S2	● ●	■	● ●	■
S3	● ●	● ●	■	■

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.



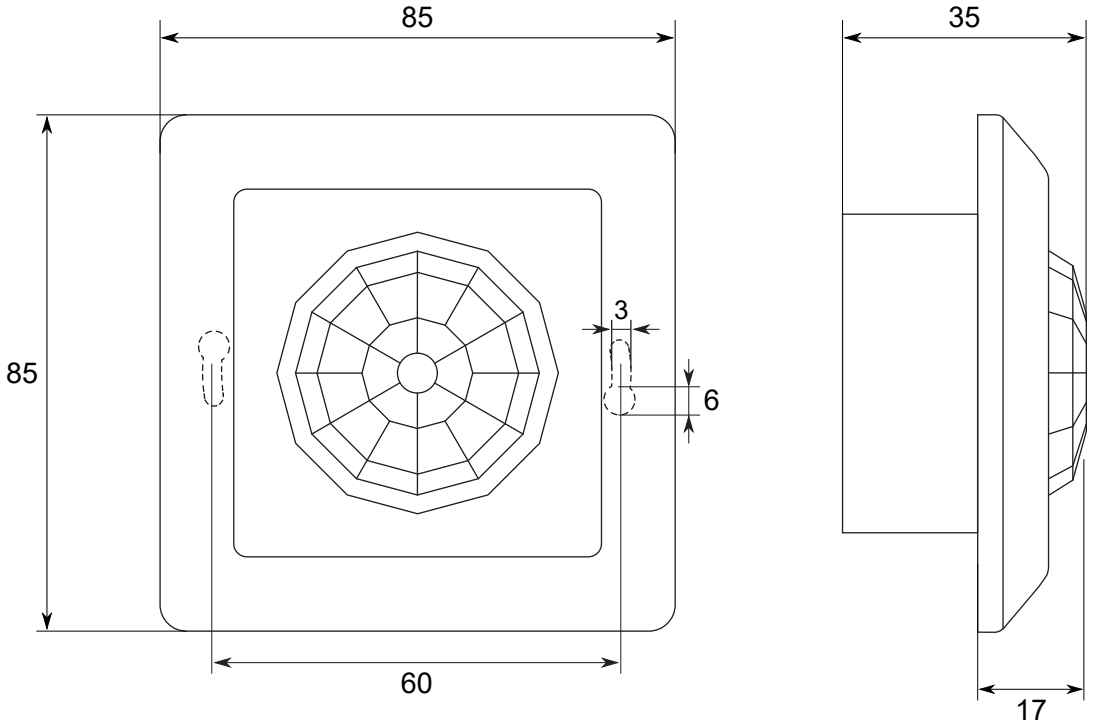
SUPPLY ac/dc	*1*	Supply, 24 Vac/dc (15...30 V), <0,5 W	
	2	0 V	
	3	NO / NC	Occupancy relay, 24 Vac / 60 Vdc, <100 mA
	4	Common	
C	*5*	Common	Lighting relay, 250 Vac <1.5 A
NC	*6*	NC	
NO	*7*	NO	

Ordering information

	Type	Product number	Description
	LA 15E	1185140	Occupancy/movement detector for lighting control
	LA RAJ	1185070	180° detection area limiter
	SMB 1E	9000470	Casing for surface mounting

AKRIBIS - www.akribis.info - contacto@akribis.info

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.

AKRIBIS - www.akribis.info - contacto@akribis.info