

OCCUPANCY SENSOR LA 15

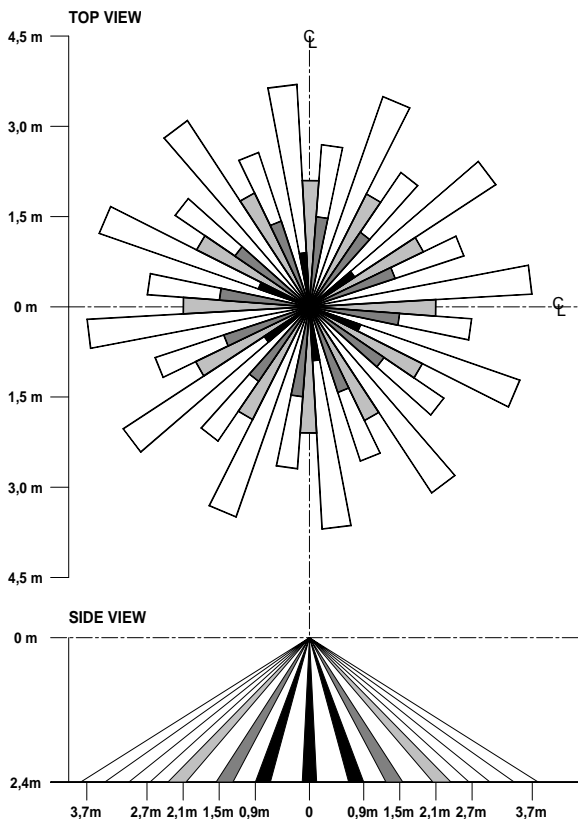
APPLICATION

Modern ventilation and lighting systems are controlled by using occupancy sensors in connection with the HVAC system. LA 15 has been made for controlling lighting. Continuous load up to 1,5 A of fluorescent lighting is allowed. LA 15 can be flush - or surface mounted on the ceiling or wall.

FUNCTIONS

LA 15 has two function modes; occupancy (occupied, S4= on) and movement sensor (movement, S4= off). After a movement is detected, e.g. an incoming person, the LA 15 becomes an occupancy sensor. The delay of 1...20 min. maintains the LA 15 as an occupancy sensor after the movement detection.

Two relay outputs exist. The one is for indicating the detection and the other for switching lights on / off. Hold on time for the lighting relay is adjustable by S2 and S3. The function of relay contact (Nc / No) is selected by S1 and sensitivity (m / o) is selected by S4. Red indication lamp is on for 2 s after movement has been detected.



Technical data:

Supply	24 Vac/dc, 20...28 Vac/dc
Functions	*movement / occupancy sensor
Mounting	flush or surface
Housing	white plastics, IP20

Lighting relay:

potential free contact	
fluorescent lighting load	250 Vac < 1.5 A
resistive load	250 Vac < 8 A
relay hold on time	2 s, 2 min, 10 min or *20 min

Signal / pulse relay:

Contact	Nc* / No, <100mA 24Vac / 60Vdc
Detection contact function	2 s pulse
Signal lamp function	2 s pulse for each detection * factory setting

CODINGS AND WIRING:

S4	Function
■	Occupied
□	Movement

S1	RE1 contact
■	Nc
□	No

S2	S3	RE2 hold time
□	□	2 s
■	□	2 min
□	■	10 min
■	■	20 min

Terminal	Symbol	Description	LA 15
1	G +	24 Vac/dc	
2	Go -	0 V	
3	C	RE 1 Occupied relay 60 Vdc 0,1 A	
4	Nc/No		
5	C	RE 2 Lamp relay AC 230 V 1,5 A 50-60 Hz Max.load 350 W	
6	Nc		
7	No		

Ordering guide:

Model	Product number	Description
LA 15	1185060	movement / occupancy -sensor for switching lighting on/off
KO3602		surface mounting frame
LA RAJ	1185070	area guard for occupancy sensor

Products fulfill the requirements of directives 2006/95/EC and 2004/108/EY and are in accordance with the standards EN60730-1, EN61000-6-3 (Emission) and EN61000-6-2 (Immunity).