

# SM01 Motion detector

## outdoor



The SM01 is a wireless and wired motion detector for automatic lighting control based on movement and brightness. It is suitable for wall mounting outdoors.

If a movement is detected while the measured brightness is below the set threshold value, the non-floating 230V relay output of the motion detector switches ON for the set time.

In addition, a radio telegram (Easywave code A) is sent, which can be taught into Easywave receivers. After the set time has elapsed, the relay output of the motion detector switches OFF and Easywave code B is transmitted.



SM01E5001A01-01K

### Technical specifications

Coding	Easywave
Frequency	868.30MHz
Channels	1
Range	typically 150 m in good free-field conditions
Power supply	230V AC, 50 Hz
Power consumption	0.8W standby
Detection angle	180°
Detection area	crosswise max. 12 m, frontal max. 5 m
Brightness control	5 to 1000/∞ Lux
Switching period range	1 second to 20 minutes
Function	motion detection ON/OFF (2-button operation)
Output	1 potential-loaded relay contact (normally open)
Maximum contact load	
LED lamps	<2W=25W   2-8W=90W   >8W=100W
Incandescent and halogen lamp load	2,300W
Protection degree	IP55
Operating temperature	-25 °C to +45 °C
Dimensions (W/L/H)	127/85/100 mm
Weight	220 g
Color	white similar RAL 9003

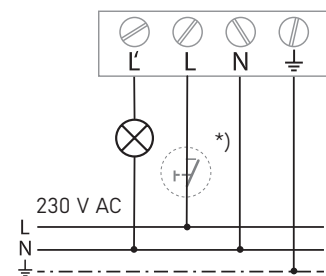
### Scope of delivery

- Motion detector
- Mounting material
- Operating manual

### Models

Product number	Description
SM01E5001A01-01K	Motion detector outdoor, Easywave, 1x ON/OFF, 230V, 1x normally open, potential-loaded, IP55, white

### Wiring diagram



\*) button optional

### Detection Range

