

RBWF-W

Room motion and light sensor



Summary

A motion sensor detects motions as well as the presence of persons. Applicable for the control of lighting, heating and ventilation on an as-needed basis.

Applications

- **HVAC and lighting systems - facility automation, in corridors, at workplaces, in industrial halls and in offices and business rooms**

Functions

The sensor is equipped with infrared motion sensor. The motion sensor signal is filtered and brought to the potential-free contact.

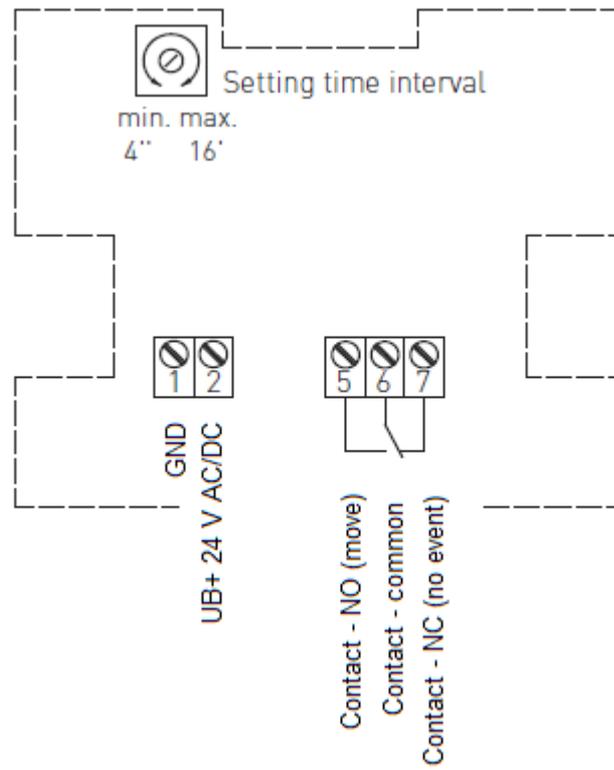
The sensors are intended for operating in a normal and chemically non-aggressive environment. They do not need any servicing or maintenance and can be mounted in any position.

The sensors are mounted with 2 or 4 screws on a flush-mounted junction box with 55 mm in diameter or on a plain surface.

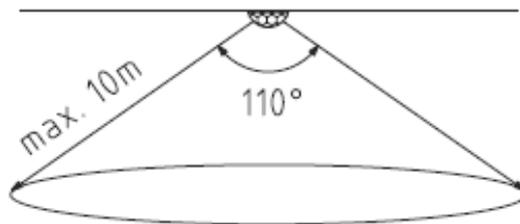
Technical data

Power supply	24 V AC / DC
Power consumption	< 1 VA at 24 V DC
Ambient temperature	0 ...+50 °C
Detection angle	360°, angle of beam 90°/ 110°, reach ca. 10 m, circular
Temperature difference between subject and ambience	min. 5 K
After-running time	adjustable from 4 s to 16 min (internal trimmer)
Terminals	screw terminals for wires 0,14 – 1,5 mm ²
Protection class	III (according to EN 60730)
Protection type	IP30 (according to EN 60 529)
Cover	ABS, RAL9010, optional stainless steel
Standard	CE
Dimensions	see below

Terminals



Scheme



Dimensions

