

SLIM-R-PIR-AC

PIR CEILING MOTION DETECTOR FOR LIGHTING CONTROL (SURFACE-MOUNTED)

SLIM-R-PIR-AC is a standalone indoor ceiling-mounted motion detector designed to control 230 V AC lighting.

This device detects movement within the protected area and activates the connected lighting, fully automating its operation. The detector is powered directly by 230 V AC, eliminating the need for additional power supplies, and simplifying installation. Thanks to the built-in dusk sensor, the light is switched on only when the ambient light level is low.

This device is also available in versions with a **dual detection path (SLIM-R-DUAL-AC)** as well as in variants designed for **surface-mounted installation (SLIM-S-PIR-AC and SLIM-S-DUAL-AC)**.

Note: SLIM-R-PIR-AC is intended for home automation and should not be used as a motion detector in an intruder alarm system.

- activates connected lighting upon motion detection
- standalone device
- NO control output
- digital motion detection algorithm
- digital temperature compensation
- built-in ambient dusk sensor
- maximum detection area:
 - 12 m × 5 m (56 m²) – mounting height 2,4 m
 - 14 m × 6 m (80 m²) – mounting height 3 m
- built-in potentiometers for adjustment:
 - SENS – motion detection sensitivity
 - TIME – lighting activation time (2–180 s)
 - LUX – ambient light threshold (2–200 lx)
- 230 V AC power supply
- installation in suspended ceiling

TECHNICAL DATA

Detected target velocity	0,3...3 m/s
Operating temperature range	-10°C...+55°C
Recommended mounting height	2,4...3,5 m
Weight	138 g
Maximum humidity	93±3%
Dimensions	ø 130 x 42 mm
Environmental class according to EN50130-5	II
Maximum power consumption	0,5 W
Contacts resistance	≤ 100 mΩ
Standby power consumption	0,2 W
Supply voltage	230 V AC, 50 Hz