

SLIM-S-DUAL-AC

SLIM-S-DUAL-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.

SLIM-S-DUAL-AC uses dual detection technology – passive infrared (PIR) and microwave (MW) – providing increased immunity to interference caused by challenging environmental conditions such as drafts, airflows, or sudden temperature changes.

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

Note: SLIM-S-DUAL-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
- two detection paths: PIR and MW
- standalone device
- NO control output
- digital motion detection algorithm for both sensors
- 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
- ceiling surface mounting



Detected target velocity	0,3...3 m/s
Operating temperature range	-10°C...+55°C
Recommended mounting height	2,4...3,5 m
Weight	121 g
Maximum humidity	93±3%
Dimensions	ø 120 x 37 mm
Environmental class according to EN50130-5	II
Microwave frequency	24,125 GHz
Maximum power consumption	500 mW
Contacts resistance	≤ 100 mΩ
Standby power consumption	200 mW
Supply voltage	230 V AC, 50 Hz



The actual appearance of the products may differ from the presented images. Product descriptions are provided in the web service for information purposes only.