JA-152P Wireless PIR motion detector

The product is a wireless system device for the JABLOTRON 100+. It is designed to detect human body motion inside buildings. Its guaranteed detection coverage is 90 °/12 m. The detector meets the highest quality and design requirements, making it suitable even for luxurious interiors.

- Declaration of conformity - JA-152P (PDF 771.24 kB)

EN 50131 2 GRADE

Description

Besides standard positioning in a corner of a room it can be installed on a wall surface using a JA-196PL-S bracket where the detector is partly recessed and elegantly blends with the wall. For special applications such as e.g. ceiling mounting or an inclined detection angle the JA-191PL articulated holder can be used.

The detector has impulse activation.

The detector can be used to control programmable PG outputs.

The resistance to false alarms is adjustable at two levels

The detector provides standard resistance to white light at the level prescribed by the standard (up to 6000 lux).

The detector is addressable and it occupies one position in the system

Technical specifications

Compatible with	F-Link 2.0.0 and higher
Power	1 Lithium battery type CR123A (3 V/1500 mAh) Please note: Battery not included
Typical battery lifetime	4 years (the longest in smartwatch mode, at 20 °C)
Low battery voltage	< 2.4 V
Current consumption in standby mode	30 µA
Maximum current consumption	100 mA
Communication band	868.1 MHz, JABLOTRON protocol
Communication range	approx. 300 m (open area)
Recommended installation height	2.2 – 2.5 m above the floor
Detection angle/detection coverage	90°/12 m

Dimensions	62 x 110 x 40 mm
Weight (without battery)	90 g
Classification	Security grade 2/Environmental class II (according to EN 50131-1)
Operational environment	Indoor general
Operational temperature range	-10 °C to +40 °C
Average operational humidity	75 % RH, non-condensing
Certification body	Trezor Test s.r.o. (no. 3025)
Complies with	EN 50131-1 ed. 2+A1+A2, EN 50131-2-2, EN 50131-5-3+A1, EN 50131-6 ed. 2+A1, ETSI EN 300 220-1,-2, EN 50130-4 ed. 2+A1, EN 55032, EN 62368-1, EN 50581
Can be operated according to	ERC REC 70-30