Bus combined PIR motion and glass break detector



Code: JA-122PB

The detector is a component of the JABLOTRON system. It serves for the detection of human movement in building interiors and for the detection of breaking glass windows. This detector combines two sensors (the detector occupies two positions in the system) in one housing. The detector is enrolled to two consecutive positions in the system.

Product description:

The detector uses a PIR sensor for human movement detection. Breaking glass is detected by a GBS sensor, which analyses air pressure changes and sounds to detect the breaking of a glass window. The detector should be installed by a trained technician with a valid certificate issued by an authorized distributor.

Technical information:

Power	from the control panel bus 12 V (8–15 V)
Quiescent current consumption	2.4 mA
Maximal current consumption	12.8 mA
Recommended installation height	2.5 m above the floor
PIR detection angle/range	90°/12 m
GBS detection angle/range	90°/9 m
Dimensions	150 x 63 x 40 mm
Weight (w/o batteries)	135 g
Classification	Security grade 2/Environmentální class II according to EN 50131-1
Environment	indoor general
Operating temperature range	-10 °C to +40 °C
Average operational humidity	75% RH, w/o condensation
Certification body	Trezor Test s.r.o. (no. 3025)
In compliance with	EN 50130-4, EN 55032, EN IEC 63000, EN 50131-1, EN 50131-2-2, EN 50131-2-7-1
Recommended screw	2 x o 3.5 x 40 mm (countersunk head)