

AD 800

E-NR: 6309847

Acoustic Glass Break Detector

AD 800 is a new generation of acoustic glass break detector meets the requirements for **grade 2** of the new standard **EN 50131-2-7-2:2013**, corresponding to the recommendations for high security installations.

The detector is designed to acoustically detect intrusion attempts into a protected area by breakage of a window or glass pane. The detector is based on the latest microprocessor technology and has a number of advanced algorithms connected to the acoustics of the room (Digital Room Compensation, DRC). Thanks to these algorithms, the detector can distinguish a glass breakage signal from other interferences and boasts high immunity to false alarms.

Intended for indoor installation, the device can be mounted either on a ceiling or wall, opposite to the protected glass. The detection range spans 165°, which means that one detector can monitor multiple windows in a room. The detector is able to detect standard, tempered and laminated glass.

NOTE: Avoid mounting the detector in the corner of a room, close to louver windows and ventilation grills.

TECHNICAL DETAILS

Maximum coverage	9-m radio/ 165°
Approvals	class B, EN 50131-2-7-1:2013 Grade 2, F&P, FG, SBSC 16-675 Klass 1/2,INCERT, VdS G117503
Maximum glass surface	6 x 6 m
Supply voltage	7 – 30 VDC
Current consumption	12 mA @ 12 V, 7.3 mA @ 24 V
Alarm output	50 V DC/peak AC, NC 50 mA, Relay, Rs ≤30 Ω
Contact rating	50 mA, 50 V DC/peak AC, Rs ≤30 Ω

ALARMTECH

High quality security solutions

AD 800

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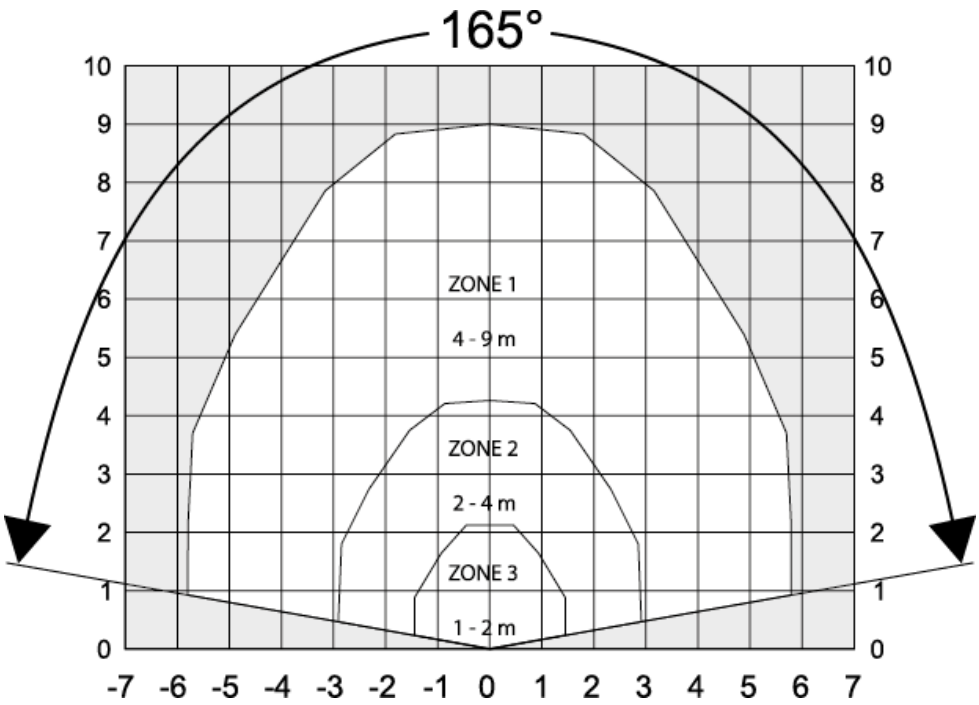
Alarm indication	LED
Tamper protection / Rating	Yes / 48 VDC / 50 mA
Housing material, Colour	ABS Plastic, white
Operating temperature	+5°C – +40°C
Housing protection class	IP 31
Dimensions (L x W x H) mm	68 x 109 x 40
Recommended glass surface	laminowane P2, P4 (4 mm + 4 mm), Standardowe (Float 4 mm)
Grade	2
Product type	Detectors
Environment	Indoor
Product group	Glass break
Product feature	Acoustic, Surface-mounted
Application area	
Security certification and approval schemes	EN, F&P, FG, INCERT, SBSC, VdS
Security class	2, B
Environmental class	I

ORDER INFORMATION

Model	E-NR	Description
AD 800	6309847	Acoustic glass break detector
AD 800-BL	6310741	Acoustic glass break detector, Black

SCHEMATICS

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