



AD 800-AM

Acoustic Glass Break Detector with Anti-Mask

E-NR: 6309449

AD 800-AM is a new generation of acoustic glass break detector with Anti-Mask function which meets the requirements for **Grade 3** of the new standard **EN 50131-2-7-2:2013**. 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. AD 800-AM has a newly developed active Anti-Mask function (overlay protection) with separate relay output for enhanced security. If attempts are made to tamper with the microphone or sensor, an Anti-Mask alarm is triggered. 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

Approvals	class B, EN-ST-000238 Grade 3, FG, NBÚ CZ Typ 3, NBÚ SK Typ 3, VdS G117504
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, $R_s \leq 30 \Omega$
Contact rating	50 mA, 50 V DC/peak AC, $R_s \leq 30 \Omega$
Alarm indication	LED
Connection	Skruvplint
Housing protection class	IP 31
Dimensions (L x W x H) mm	68 x 109 x 40



INTRUSION and FAULT relay contact rating NC 50 mA

Grade 3

ORDER INFORMATION

Model	E-NR	Description
AD 800-AM	6309449	Acoustic glass break detector with Anti-Mask

SCHEMATICS

