AD 800-AM

Acoustic Glass Break Detector with Anti-Mask

Product description:

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**, 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.

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.

Product features:

Maximum coverage: 9 m radius / 165°
Approvals: EN 50131-2-7-1:2013 Grade 3, VdS G117504, class B , SBSC 16-676 Class 3/4, F&P, FG
Recommended glass surface: Float glass 4 mm, laminated P2, P4 (4 mm + 4 mm)
Maximum glass surface: 6 x 6 mm
Supply voltage: 7 - 30 VDC
Current consumption: 12 mA @ 12 V, 7.3 mA @ 24 V
Alarm output: Relay, NC 50 mA, 50 V DC/peak AC, Rs ?30 ?
Contact rating: 50 mA, 50 V DC/peak AC, Rs ?30 ?
Alarm indication: LED
Tamper protection / Rating: Yes / 50 VDC / 50 mA

INTRUSION and FAULT relay contact rating: Relay, NC 50 mA, 50 V DC/peak AC
Connection: Screw terminals
Operating temperature range: +5 to +40°C
Housing material, Colour: ABS plastic, White
Housing protection class: IP 31
Dimensions (L x W x H) mm: 68 x 40 x 109