GS930

Acoustic Glassbreak Detector - 3x3 Technology

Acoustic Glassbreak Detector

The GS930 is an acoustic glass break detector designed to detect breaking glass of framed windows in the perimeter of a building. The detector can safely and reliably detect glass breakage on both small and large objects as well as on single or multiple glazed objects.

Superior Operation

The GS930 is an intelligent audio glass break detector using the latest microprocessor technology. The acoustic signals in the room to be monitored are recorded with a wide-band microphone. The data are then analyzed 80 times a second to determine whether there has been an actual breakage of framed glass.

A unique signal processing algorithm is used so no adjustment is necessary for various types and sizes of glass.

Patented Signal Processing

The special 3 x 3 signal processing algorithms are based on the analysis of 3 different parameters [peak amplitude, signal duration and ambient average] in 3 different frequency ranges [low (infrasound), mid (sound) and high (ultrasonic)] that permit safe and reliable detection of glass breakage. Only when the signal information matches the characteristics of glass breakage, the detector will trigger an alarm. The 3 x 3 signal processing algorithms enable the GS930 detector to automatically adjust to environments.



Details

- Patented 3 x 3 Technology
- Automatic sensitivity adjustment
- For all types of glass
- 8.5 m radius
- Both low and high frequency testing
- Wall and ceiling mount
- Not to be used in 24-hour perimeter loop

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Technical specifications

General

Technology	Acoustic
Glass types	Laminated, Plate, Tempered, Wired
Range	8.5 m radius
Relay output	NC, open 4 sec on alarm
Tamper switch	Yes

Wired / wireless

Wired / wireless	Wired

Electrical

Power supply value	9 to 15 VDC
Current consumption	12 mA (standby, no stat. L) (LED) 14 mA (standby, with stat. L) (LED) 9 mA (alarm, with alarm-L no stat. L) (LED) 15 mA (standby, latch. alarm-L & stat. L) (LED)

Physical

Colour	White
Mounting type	Surface mount

Environmental

Storage temperature	-10° to +55°C

As a company of innovation, Kidde Global Solutions reserves the right to change product specifications without notice. For the latest product specifications, visit firesecurityproducts.com online or contact your sales representative.

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