5812AES1-W

Standard ShatterPro II with "Pattern Recognition Technology" 360° - 7.5 m radius range

Reliability

The 5810 series acoustic glass break sensor combines high false alarm immunity and excellent detection by recognizing the exact frequency pattern generated by glass breaking. Instead of listening for a loud sound at one or two characteristic frequencies, the 5810 series listens at 30 points across the glass break frequency spectrum. This not only enables it to discriminate common false alarm sources, but also ensures detection of even the quietest of breaks so it can be used with blinds or light curtains. The 5810 series are recommended for perimeter loops and is designed to function in occupied areas. In 24-hour loop applications, where the detector is armed all day and all night, the false alarm technology will be pushed to its limit. Some sounds can duplicate the points on the glass break pattern that the 5810 series detects. Install the sensor on a perimeter loop that is armed whenever the door and window contacts are armed. The false alarm immunity is best in rooms with only moderate noise. For 24-hour occupied area protection, use Sentrol shock detectors. The sensor may not consistently detect cracks in glass or bullets that break through the glass. Glass break detectors should always be backed up by interior protection.



Easy to install and test

Available in both surface and flush mount versions (5820 series), installation is quick and easy. There are no sensitivity adjustments to worry about and a new test feature means only one trip up the ladder. Simply activate the tester next to the sensor and the unit goes into test mode.
A unique test assures end-users that the unit is powered and ready to detect. The sensor will blink twice, but will not trip when a loud hard clap is made close to the unit.

Pattern Recognition Technology

The 5810 series detects in a full 360º-coverage pattern with a 7.5 m range from detector to glass. By listening at more than 30 frequency points, the sensor can tell the difference between common false alarm sources and the noise of breaking glass.

Details

- New "EZ" design for quick and easy installation
- Pattern Recognition Technology for superior detection and false alarm immunity
- Suitable for quiet occupied areas on a perimeter loop
- Automatic test and user verification

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Technical specifications

General

Technology	Acoustic
Glass types	Laminated, Plate, Tempered, Wired
Range	7.5 m radius - 360°
Relay output	NC, open 4 sec on alarm
Tamper switch	Yes

Wired / wireless

Wired-wireless	Wired

Electrical

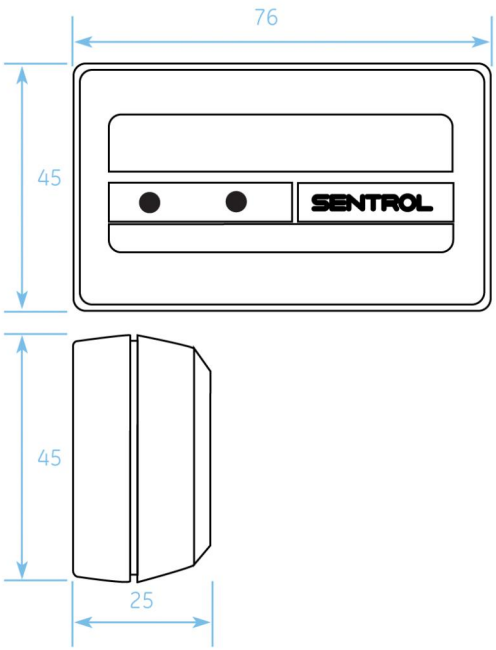
Operating voltage	9 - 16 VDC
Current consumption	12 mA typical - 20 mA max

Physical

Physical dimensions	83 x 45 x 23 mm
Colour	White
Mounting type	Ceiling mount, Wall mount

Environmental

Operating temperature	-18° 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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