GS620N

Stand-alone shock sensor

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The GS620N shock sensor offers a versatile solution for detection of forced entry through windows or doors. It can be mounted throughout a 360° axis, vertically and horizontally, by ensuring that the brand logo is readable from left to right.

The GS620N is a latching and LED indicating stand-alone shock sensor which includes adjustable gross attack and pulse count sensitivity. It also features first-to-alarm and second-to-alarm LED indication and provides a selectable walk-test facility.

Superior detection

Its unique design enables the shock sensor to discriminate between a real break-in attempt and everyday background noise by measuring the shock frequency caused by the displacement in the protected structure.

The sensor is designed to activate (contact will open) when an acceleration greater than 1 G is detected. This could be caused, for example by a strong blow, a high speed drill or sawing because the frequencies of these shocks fall within the sensors range of detection.

Adjustable sensitivity

The analysing capability has two separate detection criteria: gross attack and pulse count. The gross attack threshold is designed to react to a single blow, while pulse count alarms when a pre-selected number of smaller shocks, occuring within a 30 second timing interval is reached. Both detection levels can be adjusted so that the installlation can be fine tuned to the environment and fully tested using the walk test facility. This digital signal processing is designed to eliminate false alarms and assure reliable detection of all types of attacks.



Details

- Reliable 24 hour loop perimeter protection
- Superior technology provides excellent detection and false alarm immunity
- Suitable for all types of solid structures
- Versatile mounting through 360° axis
- 24 carat gold plated internal mechanics for optimum performance & long life
- Integrated analyser
- Adjustable sensitivity for fine tuning installations
- LED indication

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Technical specifications

General

Product type	Shock with analyser
Alarm contact	28 VDC, 100 mA
Tamper contact	28 VDC, 100 mA
Tamper switch	Yes

Detection

Range	Up to 6 m

Wired / wireless

Wired / wireless	Wired

Electrical

Operating voltage	8 to 15 VDC
Current consumption	8 mA (quiescent) 2.5 mA (LED off)

Physical

Physical dimensions	93 x 30 x 25 mm (W x H x D)
Colour	White

Environmental

Operating temperature	-20 to +50°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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