VVS300-PLUS

Seismic detector for safes and vaults, NC contact

Superior detection

The VVS3xx-PLUS series seismic detectors are designed to detect attempts to break into vaults, safes, night deposit boxes, automatic teller machines (ATM's) and other reinforced physical areas such as data storage's and filing cabinets. These seismic detectors react to the characteristic vibration patterns of all breaking-and-entering tools, such as hammers, drills, diamond saws, hydraulic pressure tools and thermal tools like welding torch and thermal lance. They sense vibrations that occur within a 3 to 14 meter radius of where they are mounted, depending on the material and design of the protected object.

Excellent false alarm immunity

At the same time the seismic detectors allow for normal human activity around the protected area without the risk of creating unwanted alarms. To achieve this high level of accuracy, each detector features "three detectors in one". All three channels (counting, integration, and explosion) analyze the signal frequencies, duration and amplitude, in order to differentiate between random environmental disturbances and real intruder attack. The end result is detectors with excellent detection and false alarm immunity.

Testing & accessories

The VVS3xx-PLUS series provides two different test functions: automatic or manual activated. You can choose between an internal test of the detector electronics or, by using the test transmitter VVT705, do a functional test of the detector and its physical contact to the protected object. A complete range of accessories is provided for all kinds of applications to achieve the highest security.



Détails

- Detects all known types of attack
- Advanced signal processing differentiates between ambient noise and real attacks
- Protects any solid structure
- Remote test capability
- Adjustable sensitivity
- Advanced tamper protection
- Complete line of accessories
- Easy to install

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Spécifications techniques

Général

Type d'application	Sûr, Chambre forte
Autoprotection	Temperature 84°C, drill shield, opening contact, pry-off contact
Signal d'alarme	LED-indication screw no. 3
Alarme de basse tension	7.5 V

Détection

Gamme	3 to 14 m radius
Réglage de la sensibilité	5 steps of approx. 6 dB each

Entrées / sorties

Contact d’alarme	NC
Test de sortie	Oui

Électrique

Valeur de l'alimentation	9 to 15 VDC
Consommation de courant	8.6 mA

Caractéristiques physiques

Dimensions physiques	81 × 101 × 28 mm
Poids net	380 g
Couleur	Gris (RAL 7035)

Environnement

Température de fonctionnement	-20 to +55°C
Humidité relative	90%
Indice de protection	IP30

General

Alarm indication	LED output (terminal 3)

Inputs / outputs

Test output	Analog output (terminal 4)

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