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.



Details

- 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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Technical specifications

General

Application type	Safe, Vault
Tamper protection	Temperature 84°C, drill shield, opening contact, pry-off contact
Alarm indication	LED-indication screw no. 3
Low voltage alarm	7.5 V
Alarm indication	LED output (terminal 3)

Detection

Range	3 to 14 m radius
Sensitivity adjustment	5 steps of approx. 6 dB each

Inputs/outputs

Alarm contact	NC
Test output	Yes
Test output	Analog output (terminal 4)

Electrical

Power supply value	9 to 15 VDC, 2 V max ripple ptp
Current consumption	8.6 mA (nominal)

Physical

Physical dimensions	81 x 101 x 28 mm (L x W x H)
Net weight	380 g
Colour	Grey (RAL 7035)

Environmental

Operating temperature	-20 to +55°C
Relative humidity	0 to 90% noncondensing at 30°C
IP rating	IP30

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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