

VVS302-PLUS

Seismic detector for ATM's and night deposit boxes, 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 | ATM, Night Safe Deposit Boxes |
| 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 |

Detection

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

Inputs/outputs

| | |
|---------------|-----|
| Alarm contact | NC |
| Test output | Yes |

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 |

Test output

| |
|----------------------------|
| Analog output (terminal 4) |
|----------------------------|



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