VV620-PLUS

Seismic detector for safe and vault, Form C relay

Superior Detection

The VV 600 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) analyse 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 VV 600 Plus series provides two different test functions: automatic or manual activated. You can choose between internal test of the detector electronics or, by using the test transmitter VT705P, 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 methods of attacks
- Advanced signal processing differentiates between ambient noise and real attacks
- Extremely low current draw
- Two options of testing
- Adjustable sensitivity
- Full-scale 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

Detection

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

Inputs/outputs

Alarm contact	Form A solid state relay, max series resistance 35 ohm
Test output	Yes
Test output	Screw no. 4 for measuring the ambient noise level

Electrical

Power supply value	9 to 15 VDC, 2 V pk-pk
Current consumption	8.6 mA (nominal)

Physical

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

Environmental

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

Regulatory

Certification	VdS

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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