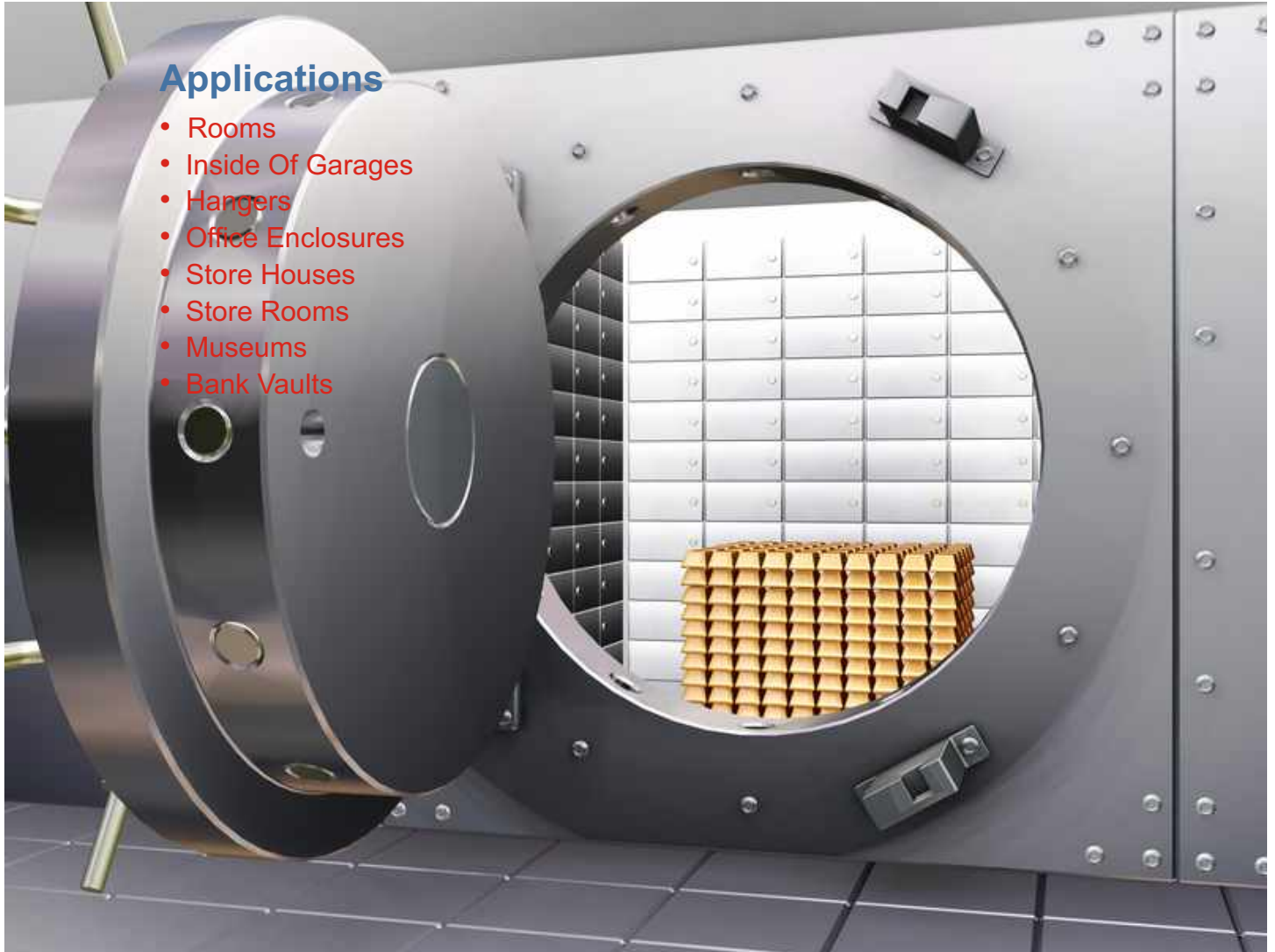


CASSTEL CE-GUARD/27 Protects Enclosures of Volume

Applications

- Rooms
- Inside Of Garages
- Hangers
- Office Enclosures
- Store Houses
- Store Rooms
- Museums
- Bank Vaults



Bank Vault

CE-GUARD/27 is built for the protection of rooms, inside of garages, hangers, offices, storehouses, storerooms, museums, bank vaults, and any closed location of volume. It has a hundred percent ability to reveal trespassing into any enclosed and secured room of volume. No one could intrude into the protected area without provoking an alarm signal.

It detects intrusions on all corners and crannies of the enclosed space being protected including all objects and items therein.

In deploying the protector, any single metal object can be used as sensitive element. For example, any one of the following can be used. The fastening and decorative elements of windows and doors, parts of furniture, any part of a safe, chandeliers, racks, wall clocks, pictures in a metal frame, statues, etc.



Data Storage Facility

This data storage facility in Frankfurt Germany is protected from illegal entry and theft with the CE-GUARD/27

Key Benefits

- Passive device
- Capable of protecting a maximum area of 5000sq.m
- Does not radiate any impulses
- Cannot be revealed by any scanning systems
- Resistant to the influences of impulse neutron flux of electromagnetic field of radar station and super-sharp video impulses of electromagnetic fields
- In built remote control for detector efficiency
- Compatible with any data acquisition and processing system
- Any isolated metal can be used as sensitive element (e.g. The fastening and decorative elements of windows and doors, parts of furniture, any part of a save, chandeliers, racks, wall clocks, pictures in a metal frame, statues, etc.)
- Effectiveness of detection and regulating false alarm/alarms depend on the right choice of the sensitive element and its location



Sensitive Interiors

Abodes such as this high profile interior would be well protected with the CE-GUARD/27

Working Principles

The CE-GUARD/27 is very active in protecting all corners and crannies of the enclosed space being protected including all objects and items therein. An electrostatic field is integral all over the room. A shift of this field at any point of the room provokes a proportional shift of the field near the sensitive element. When this happens due to intrusion, an alarm is signalled.

There is also no need for the sensibility readjustment of the detector. When the position of an object or item within the protected area is changed or moved, the detector registers gradual changes in the electrostatic field only. Immediately the object is put in a new position, the field becomes stationary again.

Technical Characteristics

- Electric power supply: only 8-35 volts
- Current consumption: 1.5mA maximum
- Effective temperature range: -50 to +50°C
- Output: Normal closed contact relay
- Signal processing unit: Hermitic IP-55
- Terminal impedance of sensitive element: 200 Ohm

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