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Equipment Maintenance Facility:
Digital Security Controls Ltd.
160 Washburn St.
Lockport NY 14094

DG-50 Glassbreak Detector

Installation Instructions

As with all DSC products, the DG-50 Glassbreak Detector has been designed with careful attention to the smallest details. The DG-50 incorporates features and refinements which make it superior to any other product of its kind and provides accuracy and reliability which are second to none.

Features

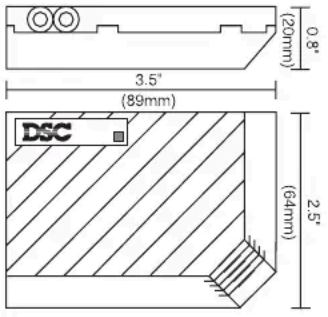
- Clean, modern design blends with any decor
- Advanced signal discrimination for accurate identification of breaking glass
- Resistant to blinding by background noises
- Sensitivity adjustment potentiometer
- Anti-shock design prevents false alarms from mechanical shock
- MOV static/lightning protection
- SMD construction and integral ground shield for high RF immunity
- Models

  DG-50A Form A alarm contact

  DG-50B Form A alarm contact and tamper contact

  DG-50C Form C alarm contact and tamper contact

Dimensions



Specifications

- Voltage input 9-16 VDC
- Supply Ripple 1 V P-P max.
- Current 15 mA @ 12 VDC
- Operating Temperature 14°F to 122°F (-10°C to 50°C)
- Humidity (non-condensing) 95% max. RH
- Contact Rating 24 VDC, 100 mA max.
- Alarm Duration 3 seconds
- Coverage
  Max. sensitivity - 35' x 35' (10m x 10m)
  Min. sensitivity - 10' x 10' (3m x 3m)
- Mounting Surface
- Color Designer White

Description

The DG-50 is an acoustic glassbreak detector designed to listen for the specific sonic frequencies of breaking glass. The DG-50 is equipped with multi-level discriminating circuitry to maximize its response to breaking glass and minimize its response to normal environmental noises. As well, the DG-50 is extremely resistant to seismic shock and will not alarm in response to a slamming door or even a tap on the case.

