

FG-1608T

Glassbreak Detector and Magnetic Contact



FEATURES

- Superior False Alarm Immunity
- Glassbreak Plus Forced Entry Detection
- Easy Installation
- Fast, Easy and Accurate Testing
- Easily Verify Detector Operation at Any Time
- Field Proven Glassbreak Protection



Suitable for use with:
Security Grade 2; Environmental Class II, Type B

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SPECIFICATIONS

Dimensions:	Glassbreak Detector: 114mm x 30mm x 23mm (h x w x d) Magnetic Contact: 114mm x 13mm x 23mm (h x w x d)
Weight:	85g
Range:	2.4m Maximum
Mounting Locations:	Mount on doors, interior window frames, corners, walls or ceilings
Alarm Relay:	Form A(NC) / 250mA @25 Vdc
Alarm Duration:	5 Seconds (unaffected by alarm LED latching)
Tamper Switch:	Combination cover and wall tamper, 25 mA @ 24 VDC
Power Requirements:	8 ~ 14 VDC, 17 mA typical @ 12 VDC 30 mA max. AC ripple: 4 volts peak to peak at Nominal 12VDC
Operating Temperature:	0°C ~ 49°C
ESD Immunity:	10 kV; discharges of either polarity to exposed surfaces
RF Immunity:	30 V/m, 10 MHz - 1000 MHz Suitable for use with EN50131-1
Approvals:	UL Listed, PD6662 Security Grade 2 Environmental Grade II

Glass Type Thickness

Minimum size for all glass types is 28cm x 28cm, square. Glass must be framed in the wall of the room or mounted in a barrier of 0.9m minimum width.

Type	Min. Thickness	Max. Thickness
Plate	2.4mm	6.4mm
Tempered	3.2mm	6.4mm
Laminated*	3.2mm	14.3mm
Wired	6.4mm	6.4mm
Coated**	3.2mm	6.4mm
Sealed Insulating*	3.2mm	6.4mm

* Laminated and sealed insulating glass types are protected only if both plates of glass are broken.

** For glass coated on the inner surface with 3M scotchshield type RE35NEARL or Hard Glass Security Film.



FlexGuard® Glassbreak Simulator/Tester

The sound of breaking glass is digitally simulated by the FG-701 and is compatible for testing all IntelliSense glassbreak detectors. Testing glassbreak detectors upon installation is highly recommended.

Accessories	FG-701: Glassbreak Simulator
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ORDERING