

GD 470

E-NR: 6309845

Glass Break Detector for Laminated Glass, Glued, Relay output

The passive glass break detector GD 470 is suitable for float, tempered, laminated & reinforced glass. The GD 470 is glued to the glass surface and will detect various attacks (including cutting tools) on the glass surface.

The GD 470 shares the design with GD 475 but has a relay built in for the alarm output. This enables the GD 470 to be connected directly to the central alarm unit, no intermediate interface unit is necessary. Even though the power supply leads are coloured red and black, the GD 470 is independent of the polarity, just as GD 475. Colour is to differentiate power leads from the white alarm output and sabotage leads.

Features:

- Relay alarm output
- Polarity independent
- Detects attacks on all types of glass
- Detects crushing of glass
- Detects cutting through glass with tools
- Detection radius up to 2m
- High resistance to interference – rain, hail, foliage, doors shutting, etc
- No sensitivity adjustment required
- Suitable for 24 hour surveillance
- Low power consumption
- DAY/NIGHT LED control
- Embedded electronics with IP 67 rating

TECHNICAL DETAILS

Cable length	6m, 10m
Maximum coverage	2 m radio (up to 8 mm + P8B)

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GD 470

5 November 2026

Approvals	EN 50131-2-7-2 Grade 2 (EN-ST-000290), VdS 2332 Klasse B (G122508)
Supply voltage	6 VDC (NIGHT), 8 – 15 VDC (DAY)
Current consumption	4 mA (4,5 mA alarm)
Alarm output	Relay
Alarm indication	LED
Operating temperature	-40°C – +70°C
Housing protection class	IP 67
Dimensions (H x Ø) mm	11 x 26
Grade	2
Product type	Detectors
Environment	Indoor, Outdoor
Product group	Glass break
Product feature	Adhesive-mounted, Surface-mounted
Application area	
Security certification and approval schemes	EN, F&P, FG, SBSC, VdS
Security class	2, B
Environmental class	IIIA

ORDER INFORMATION

Model	E-NR	Description
GD 470-6	6309845	Glass break detector for laminated glass with relay output, glued, 6 m cable
GD 470-10	6309846	Glass break detector for laminated glass with relay output, glued, 10 m cable

SCHEMATICS

Alarmtech Sweden AB

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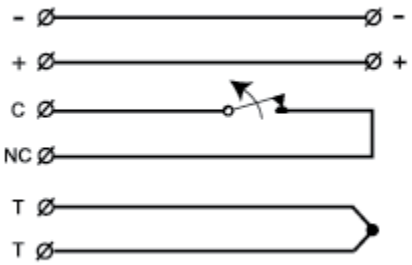
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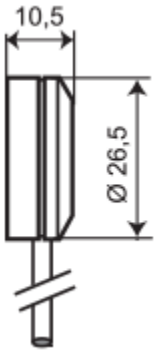
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