

**DBM
DGM
DSM**

**Break-through
detectors**

Break-through detectors for VdS-approved monitoring of vulnerable surface

The DORMA break-through detectors DBM/DGM/DSM for VdS-approved monitoring of vulnerable surfaces of doors, buildings and containers, for effective penetration detection (climb-through, reach-through and reach-through with tools). DORMA break-through detectors consist of a backing layer (fleece or plastic netting) with meandering sewn-on double-stranded wires. Attempts to break or reach through have the effect of changing the electrical resistance of the break through detector, so causing the electronic monitoring system to trigger the alarm.

Advantage Points

- Immediate detection and alarm is triggered at the very first attempt at forced entry
- responds to intrusion attempts of all types
- easy to incorporate into intruder alarm systems
- operates on the fail-safe/closed-circuit principle

Approval certification

The break-through detectors are approved by the VdS (German Association of Property insurers) for use in intruder alarm systems up to **Classe C** approval Certificate **No. G 190 084**

Specification text

DORMA DBM Break-through detector

VdS-Class C, No. G 190 084

Drill/Break-Through detection system for vulnerable surfaces and barrier monitoring for attempted small-tool transgression in accordance with insurance requirements (VdS-approved); comprising nonwoven fleece with sewn-on meandering double-stranded wire.

Wire Spacing: A = 15 mm

Resistance: 18 Ohm/m²

<input type="checkbox"/> DBM 815	B = 800 mm
<input type="checkbox"/> DBM 515	B = 500 mm
<input type="checkbox"/> DBM 315	B = 300 mm
<input type="checkbox"/> DBM 215	B = 200 mm

DORMA DGM Break-through detector

VdS-Class C, No. G 190 084

For monitoring surfaces for attempted manual transgression (reach-through) in accordance with insurance requirements (VdS-approved); comprising nonwoven fleece with sewn-on meandering double-stranded wire.

Wire Spacing: A = 40 mm

Resistance: 7 Ohm/m²

<input type="checkbox"/> DGM 840	B = 800 mm
<input type="checkbox"/> DGM 540	B = 500 mm
<input type="checkbox"/> DGM 440	B = 400 mm
<input type="checkbox"/> DGM 340	B = 300 mm

DORMA DSM Break-through detector

VdS-Class C, No. G 190 084

For monitoring surfaces for attempted breaking and entering by persons in accordance with insurance requirements (VdS-approved); comprising plastic netting with sewn-on meandering double-stranded wire.

Wire Spacing: A = 100 mm

Resistance: 3 Ohm/m²

<input type="checkbox"/> DSM 1000	B = 1000 mm
<input type="checkbox"/> DSM 500	B = 500 mm

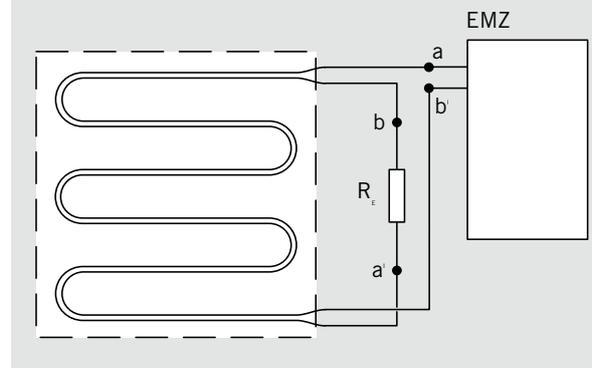
Technical data

Interconnecting wiring

Contact rating max. 48 VAC/VDC

Current input max. 500 mA

Contact definition



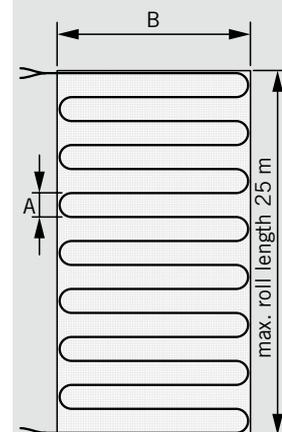
Additional information is available from a range of electronic media. The abbreviated designation next to the computer symbol  indicate the search terms to be used.

Bestell-Nr.

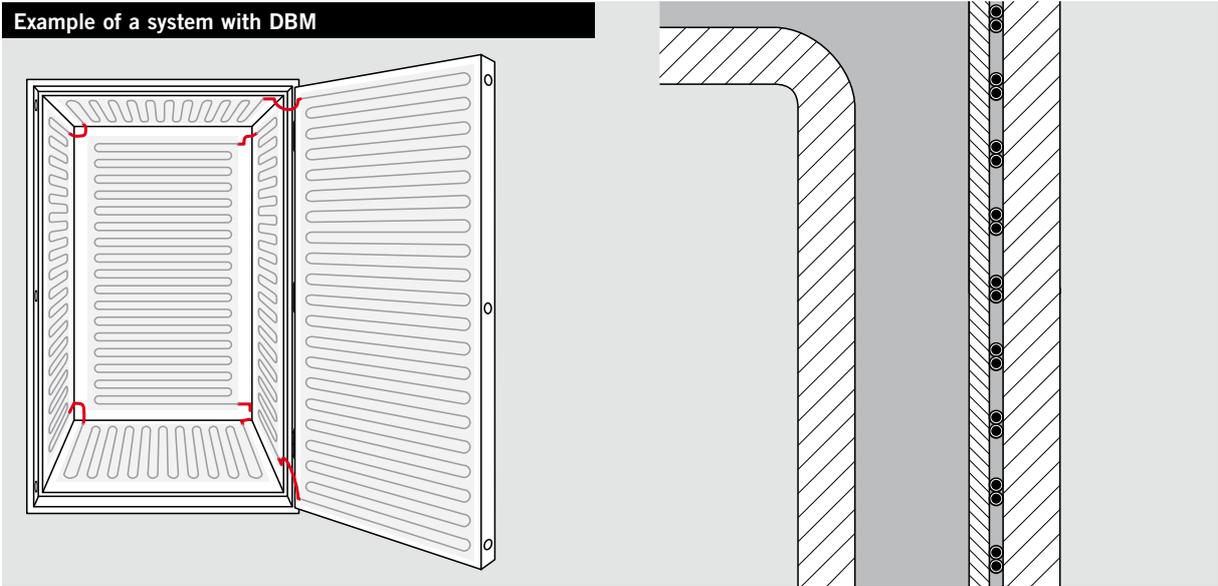
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19742515
19742315
19742215

19742840  DGM
19742540
19742440
19742340

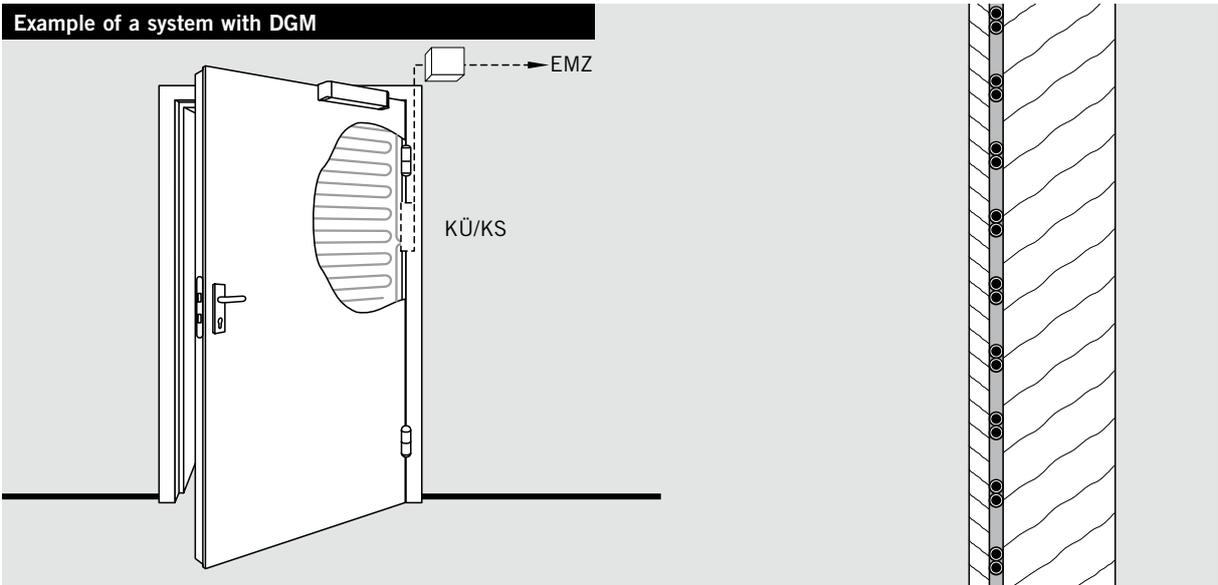
19741000  DSM
19741500



Example of a system with DBM



Example of a system with DGM



Example of a system with DSM





Door Control



Automatic



**Glass fittings
and Accessories**



**Security/Time
and Access (STA)**



Movable walls

DORMA GmbH + Co. KG
DORMA Platz 1
D-58256 Ennepetal
Tel.: +49 23 33/7 93-0
Fax: +49 23 33/7 93-4 95

The address of a subsidiary/
representation in your area you
can find at the DORMA website:
www.dorma.com