

CD 400-R

Shock Detector with Magnetic Contact

Technical data

Supply voltage	8 - 15 VDC
Alarm output	Relay, NC
Contact rating	48 VDC / 100 mA
Alarm indication	LED
Tamper protection / Rating	Yes / 48 VDC / 50 mA
Connection	Screw terminals
Housing material	ABS Plastic
Colour	White
Operating temperature range	-40C to +70C
Housing protection class	IP 42
Dimensions (L x W x H) mm	91 x 31 x 23



The CD 400-R shock detector with magnetic contact can be used on windows and doors to provide double protection. It detects all intrusion attempts with tools that create strong vibrations. The detector senses vibrations of high amplitude and short duration. It has digital signal processing an advanced detection algorithm. As a result, the detector is high performing with high immunity to external disturbances.

The sensitivity in the CD 400-R detector can be easily adjusted via a potentiometer. To test the detector, we recommend using the CT 400 test unit, which generates frequencies similar a real burglary. It includes a pulse counter (user-elected from 1 to 4 pulses) that triggers an alarm after the chosen number of pulses have been counted. An explosion channel overrides the pulse counter, regardless of the number of pulses and sensitivity setting.

The device can be used on materials with multiple parts, such as door frames, brick or concrete walls, ceilings and floors etc. The detector is equipped with an LED alarm indicator and tamper protection against attempts at opening the housing. Thanks to the built-in magnetic contact with separate alarm output, the device is also able to protect windows and doors against attempted opening.

For mounting on concrete or similar surfaces, use the special MP 400 mounting plate. When installing the detector outdoors or in cold environments the WH 400 housing should be used.

ORDERING INFORMATION

Model	Description
CD 400	Shock detector
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Related products and accessories**MP 400**

Mounting Plate
for CD 400 & VD 400

**CT 400**

Tester
for VD 400