

CD 400

DISCONTINUED - Replaced by CD 470 EN Grade 3

Shock Sensor



Technical data

Approvals	SBSC 10-367 Class 3/4, F&P Danmark, FG
Supply voltage	8 - 15 VDC
Current draw (standby)	9 mA
Current draw (alarm)	11 mA
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 shock sensor provides reliable protection for windows, doors and walls made of soft materials against forceful entry with burglary tools. It includes digital signal processing with an advanced detection algorithm. As a result, the sensor has high detection capability as well as high immunity to external disturbances. The sensitivity of the CD 400 detector is easily adjusted via a potentiometer. To test the detector, we recommend using the CT 400 test unit, which generates frequencies similar to a real burglary. The detector senses vibrations of high amplitude and short duration. It includes a pulse counter (userselected 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. For mounting on concrete or concrete-like 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
CD 400-R	Shock detector with magnetic contact

Related products and accessories**MP 400**

Mounting Plate
for CD 400 & VD 400

**WH 400**

DISCONTINUED - Replaced by [WH 500](#)

Metal Housing with Heater
for CD 400 & VD 400

**CT 400**

Tester
for VD 400