

## CD 475

## Shock Detector



## Technical data

Approvals	EN 50131-2-8 Grade 3, SBSC Klass 3, VdS Klasse C
Alarm output	Transistor
Alarm indication	LED, DAY/NIGHT controlled
Alarm hold time	Latching
Alarm reset	EOL loop voltage across detector below 1 V
Operating temperature range	-40°C to +55°C
Housing material, Colour	White ABS plastic
Housing protection class	IP 42
Dimensions (L x W x H) mm	80 x 23 x 20 mm
Detection radius	Up to 3m
DAY and NIGHT control	DAY 8V, NIGHT 6V input voltage
Low voltage alarm or fault in electronics	up to 5V indicated by flashing LED
Current consumption quiescent / alarm	2.5 mA / 4.4 mA
Voltage range across detector in IU loop	8V DC in DAY mode, 6V DC in NIGHT mode
Tamper output	Transistor



CD 475 offers reliable monitoring against attacks with mechanical tools. The CD 475 is a chock- and vibration detector with 3 separate detection channels: an integration channel / saw channel for weak signals with long duration, a counting channel that senses strong impact on the monitored surface and an explosion channel which senses very strong signals from e.g. an explosion.

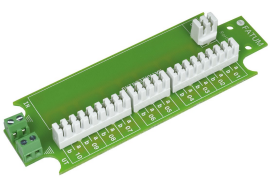
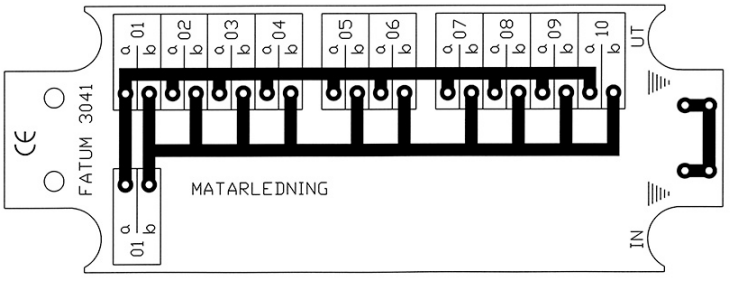

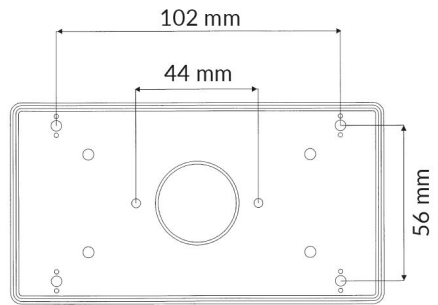

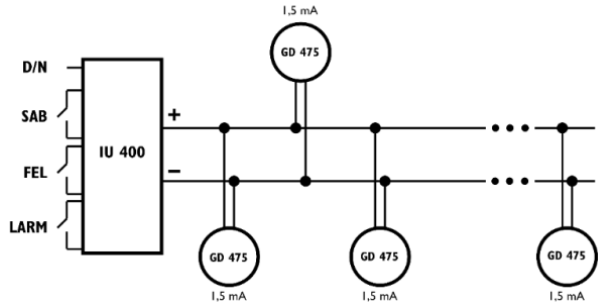

CD 475 shares the design with CD 470 but must be connected to analyzer IU 400 for alarm indication since it lacks built-in relay outputs. In the event of an alarm, the power consumption in the detector increases, this is detected by the analyzer IU400 which will indicate the different alarms.

CD 475 polarity independent, just like CD 470.

## FEATURES

- EN Grade 3 approved vibration detector
- Two wire polarity independent for easy connection
- 3 separate detection channels
- Cover radius up to 3m
- Resistant to interference
- Detailed sensitivity setting
- Suitable for 24 hour monitoring
- Low power consumption
- DAY and NIGHT control of LED

## Related products and accessories

	<p><b>3041</b></p> <p>DISTRIBUTION MODULE 1 &gt; 10 PAIR</p>	
	<p><b>4101</b></p> <p>MODULE BOX PLASTIC WITH PLACE FOR 1 TERMINAL BLOCK</p>	
	<p><b>IU 400</b></p> <p>Analyzer for GD 475 series</p>	
	<p><b>MP 550</b></p> <p>Mounting Plate for CD 550</p>	