IU 400

Analyzer for GD 475 & CD 475 series

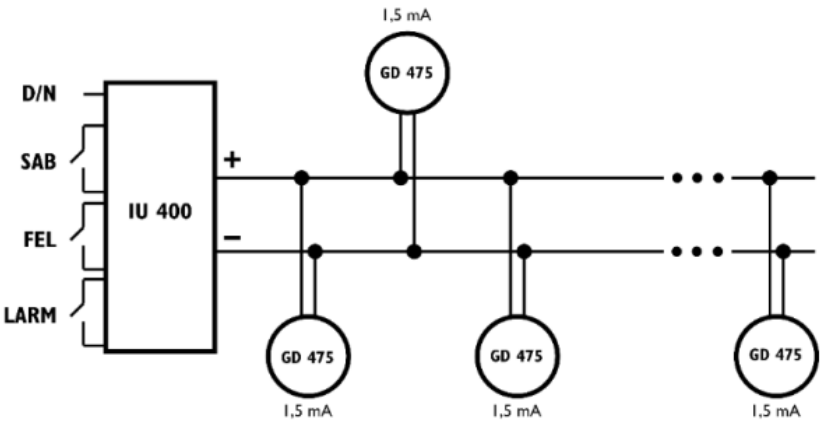
Technical data

Approvals	EN-certifikate: EN-ST-000243, Grade 3 (with GD 475), EN-ST-000264, Grade 3 (with CD 475); SBSC 17-132, class 3 (with GD 475), 20-34, class 3 (with CD 475); VdS-intyg G121503, Klasse B (with GD 475), G121501, Klasse B (with CD 475); F&P Danmark, FG
Supply voltage	10-30 VDC
Current consumption	17mA
Alarm output	Relay, 23 ohm in series, max 100mA
Housing material	ABS Plastic
Colour	White
Operating temperature range	-10°C - +55°C
Dimensions (L x W x H) mm	91 x 31 x 23
Loop quiescent operating area	2600ohm/ 3mA to 260 ohm/30mA
Low loop voltage FAULT indication	Below 7,5 V at DAY, 5,5V at NIGHT
Loop Voltage in Day	Typ. 8,0 VDC
Loop Voltage in Night	Typ. 6,0 VDC
Tamper output relay	23 ohm in series, max 100mA
Fault output relay	23 ohm in series, max 100mA
Grade	3

IU 400 is an interface/analyzer for glass break detector GD 475 and shock detector CD 475. It has three relays one for Intrusion, one for Fault and one for Tamper. Max 10 units of GD 475/CD 475 detectors can be connected to one IU 400 unit.**IU 400 together with GD 475/CD 475 is certified according to EN 50131-1 and EN 50131-2-7-2:2013 Grade 3, Class II**.

The IU 400 measures the current in a balanced alarm loop without end of line resistance, simplifying the installation. No need to keep track of the end of the loop. The detectors make up a balance under the control of the IU 400 processor. An end of line resistor of 2.2kohm is only required if the number of detectors is 3 or less. Changing the current in the loop of +/- 0.8 mA for at least 200 ms. opens the IU 400 alarm relay for 2-3 seconds in (AUT mode) or stays open (Latch mode) until reset depending on how it is programmed.

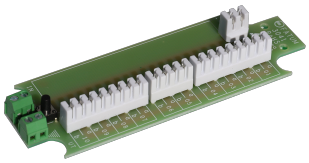
The loop in IU 400 operates in the current range of 3 mA to 30 mA corresponding to about 260 ohms to about 2600 ohms. Outside this area the LED will flash, and alarm- and fault relays are open and the device cannot be reset or programmed.



ORDERING INFORMATION

IU 400	Analyzer unit for GD 475
IU 400-BL	Analyzer unit for GD 475, black

Related products and accessories



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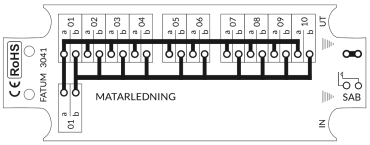
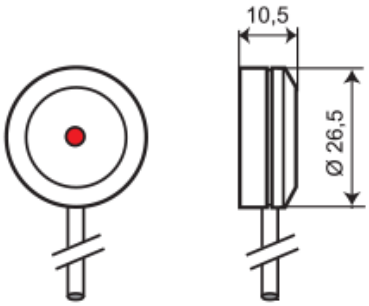
DISTRIBUTION MODULE 1 > 10 PAIR



GD 475

Glass Break Detector for Laminated Glass, Glued, Transistor output

Polarity independent



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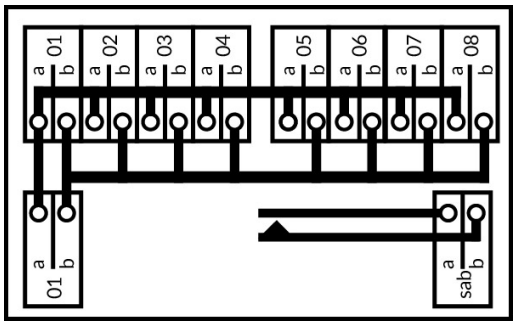
Distribution box 1 > 8 pairs



CD 475

Shock Sensor

GD 475-S

DISCONTINUED - Replaced by GD 475-SJ

Glass Break Detector for Laminated Glass, Glued, Transistor output

Related products and accessories

	MP IU400 Mounting Plate for IU 400

Polarity independent