D132A Smoke Detector Reversing Relay Module
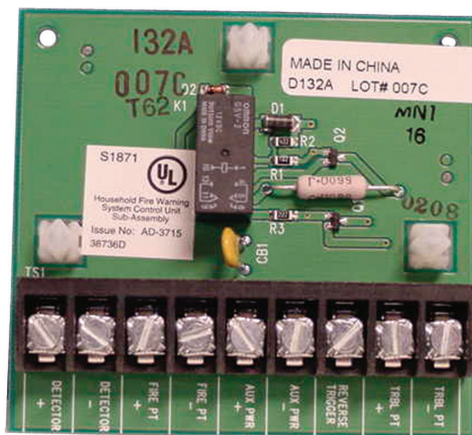
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BOSCH

Invented for life

▶ Allows compatible control panels to sound all smoke detectors within a loop during an alarm

▶ Mounts easily on any of the three-hole module mounting locations in a compatible control panel enclosure

The D132A Smoke Detector Reversing Relay Module allows compatible control panels to sound all smoke detectors connected to point 1 or zone 1 when a single detector on the loop goes into alarm.

Functions

Reverse Trigger
The reverse trigger requires a low input (short to ground) to activate. When activated, it reveses polarity on the detector loop.

Sounding Detectors in a Loop
When an alarm occurs within a loop connected to point 1 or zone 1, all detectors on that loop go into alarm. To restore the devices, the sensors must be reset.

Trouble Point
During normal operation the trouble point relay is normally closed (NC). During a trouble condition, the relay switches to normally open (NO).

Certifications and approvals

Region	Certification	
USA	UL	UTOU: Control Units and Accessories - Household System Type (UL985)
	CSFM	see our website

Installation/configuration notes

Compatibility

Category	Manufacturer	Model Number*
Control Panels	Bosch	B-series panels[1]
		G-series panels[2]
		D6412 and D4412 panels
Detectors	Bosch	D263THS Two-wire PIR smoke detector with 135℉ (57℃) heat sensor and sounder
		D273THCS Four-wire PIR smoke detector with 135℉ (57℃) heat sensor, auxiliary relay, and sounder

Category	Manufacturer	Model Number*
		D273THES Four-wire PIR smoke detector with 135℉ (57℃) heat sensor, sounder, and EOL relay
		D273THS Four-wire PIR smoke detector with 135℉ (57℃) heat sensor and sounder

[1] B-series = B5512, B4512 and B3512 panels

[2] G-series = D9412GV4, D7412GV4, D7212GV4, D9412GV3, D7412GV3, D7212GV3, D9412GV2, D7412GV2, D7212GV2

*For legacy products compatible with the D132A, see the *D132A Installation Instructions.*

Mounting Considerations
The module has a 3-hole pattern for easily mounting inside the control panel's enclosure. Mounting screws are provided.

Wiring Considerations
The module's terminal block accepts wire gauges from 22 AWG to 16 AWG (ISO 0.34 mm^2 to 1.5 mm^2). The maximum detector circuit length is dependent on the wire gauge and the number of detectors on the loop.

Parts included

Quantity	Component
1	D132A module
1	Hardware pack containing 3 mounting screws
1	Installation Guide

Technical specifications

Electrical

Current (Alarm):	70 mA maximum
Current (Idle):	10 mA maximum
Voltage (Operating):	10.2 VDC to 13.9 VDC

Environmental

Environment	Indoor, dry
Operating Temperature:	+32℉ to +120℉ (0℃ to +49℃)
Relative Humidity:	5% to 85% at +86℉ (+30℃) non-condensing

Mechanical

Dimensions:	3 in. x 3 in. (7.6 cm x 7. cm)

Ordering information

D132A Smoke Detector Reversing Relay Module
This module allows compatible control panels (G Series, B series, D6412 and D4412) to sound all smoke detectors connected to point 1 or zone 1 when a single smoke detector on the loop goes into alarm. To restore the smoke detectors to normal, reset the smoke detectors.
Order number **D132A**

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