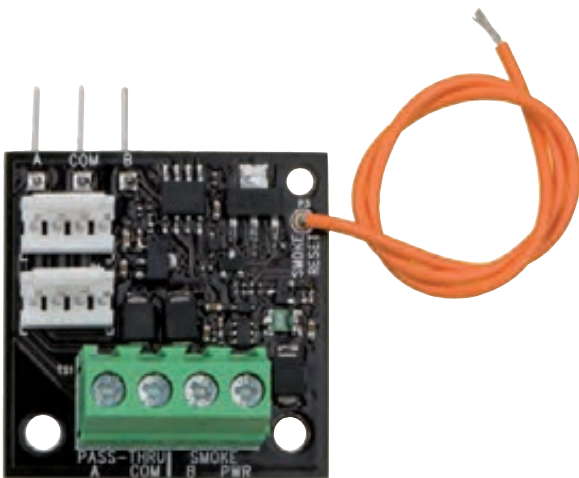# B201 2-wire Powered Loop Module

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BOSCH
Invented for life

- ▶ Suitable for use with 2-wire smoke detectors and burglary devices
- ▶ Supports up to 20 compatible smoke detectors
- ▶ Resets latching devices from the control panel
- ▶ Connects to the control panel terminal block with easy-to-install integrated pins

The B201 provides a single powered initiating device circuit. The module supports compatible 12 V 2-wire smoke detectors. The B201 is suitable for connecting powered, 2-wire fire or burglary devices. Use with a D132A Smoke Detector Reversing Relay Module for smoke detectors with integrated sounders.

Functions

The module connects to the control panel inputs. Terminals A and COM are a direct connection (pass-thru) point, and terminals B and PWR are a powered loop.
The powered loop uses a 1.8 kΩ EOL for supervision.

Certifications and approvals

Region	
US	UL 365 – Police Station Connected Burglar Alarm Units and Systems
	UL 609 – Local Burglar Alarm Units and Systems
	UL 636 – Holdup Alarm Units and Systems
	UL 985 – Household Fire Warning System Units
	UL 1023 – Household Burglar Alarm System Units

Region	
	UL 1076 – Proprietary Burglar Alarm Units and Systems
	UL 1610 – Central Station Burglar Alarm Units
	CSFM – California Office of The State Fire Marshal
	FCC Part 15 Class B
Canada	CAN/ULC S303 – Local Burglar Alarm Units and Systems
	CAN/ULC S304 – Signal Receiving Centre and Premise Alarm Control Units
	CAN/ULC S545 – Residential Fire Warning System Control Units
	ULC-ORD C1023 – Household Burglar Alarm System Units
	ULC-ORD C1076 – Propriety Burglar Alarm Units and Systems
	ICES-003 – Digital Apparatus

Installation/configuration notes

Compatible control panels
B5512/B5512E v2.01 and higher
B4512/B4512E v2.01 and higher
B3512/B3512E v2.01 and higher

Compatible detectors
Supports mixing detectors of different model numbers and manufacturers. For a list of compatible 2-wire smoke detectors, refer to the *2-wire Powered Loop Module (B201) Installation Guide*.

Compatible modules
D132A Smoke Detector Reversing Relay Module

Parts included

Quant.	Component
1	B201 module
1	1.8 kΩ EOL resistors (P/N: F01U009011)
2	Standoffs
1	Installation Guide

Technical specifications

Dimensions	1.42 in x 1.42 in x 1.48 in (36 mm x36 mm x 37.6 mm)
Voltage (operating)	12 V
Current (maximum)	35 mA in alarm, 18 mA in standby
Temperature (operating)	0℃ to +49℃ (+32℉ to +120℉)
Relative humidity	5% to 93% at +32℃ (+90℉)
2-wire smoke loop wiring	50 Ω 0.65 mm (22 AWG) – 1500 ft (457 m) 1.02 mm (18 AWG) – 3900 ft (1188 m)

Ordering information

B201 2-wire Powered Loop Module
The module provides a single powered initiating device circuit. The module supports compatible 12 V 2-wire smoke detectors. It also supports connecting burglary devices to the control panel.
Order number **B201**