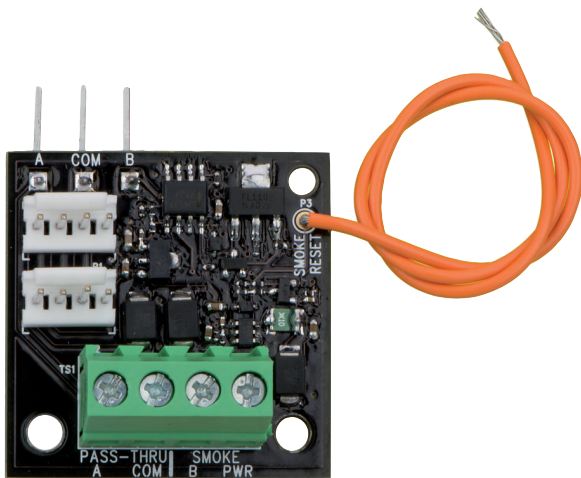


# B201 2-Wire Powered Loop

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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	Regulatory compliance/quality marks	
Australia	RCM	ACMA
Europe	CE	EMC, RoHS [B201]
USA	UL	UL 365 - Police Station Connected Burglar Alarm Units
	UL	UL 609 - Standard for Local Burglar Alarm Units and Systems

Region	Regulatory compliance/quality marks	
	UL	UL 636 - Holdup Alarm Units and Systems
	UL	UL 985 - Household Fire Warning System Units
	UL	UL 1023 - Household Burglar Alarm System Units
	UL	UL 1076 - Proprietary Burglar Alarm Units and Systems
	UL	UL 1610 - Central Station Burglar Alarm Units
	CSFM	see the Bosch website ( <a href="http://www.boschsecurity.com">www.boschsecurity.com</a> )
	CSFM	California Office of The State Fire Marshall
	FCC	Part 15 Class B
Canada	ULC	CAN/ULC S303 - Local Burglar Alarm Units and Systems
	ULC	CAN/ULC S304 - Standard for Signal Receiving Center and Premise Burglar Alarm
	ULC	CAN/ULC S545 - Residential Fire Warning System Control Units

Region	Regulatory compliance/quality marks	
	ULC	ULC-ORD C1023 - Household Burglar Alarm System Units
	ULC	ULC-ORD C1076 - Proprietary Burglar Alarm Units and Systems
	IC	ICES-003 - Information Technology Equipment (ITE)

### Installation/configuration notes

#### Compatible control panels

B6512

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

Quantity	Component
1	Module
1	1.8 kΩ EOL resistors (P/N: F01U009011)

Quantity	Component
2	Standoffs
1	Installation Manual

### 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°C to +49°C (+32°F to +120°F)
Relative humidity	5% to 93% at +32°C (+90°F)
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

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**

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