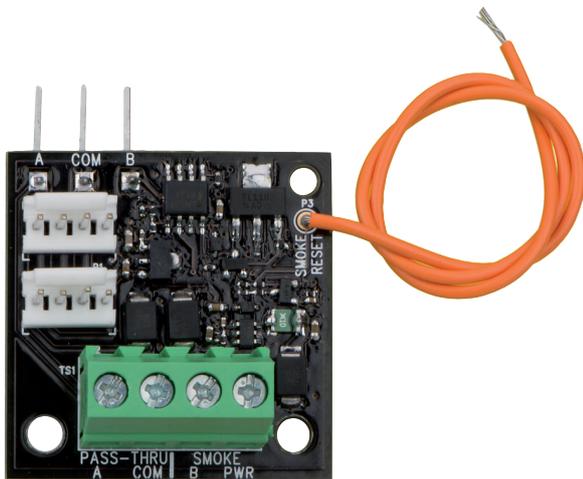


B201 2-wire Powered Loop Module

www.boschsecurity.com



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 | Certification | |
|--------|---------------|---|
| 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 |
| | UL | UL 636 - Holdup Alarm Units and Systems |

| Region | Certification | |
|--------|---------------|---|
| USA | 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 our website |
| | CSFM | California Office of The State Fire Marshall |
| Canada | FCC | Part 15 Class B |
| | 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 |
| | ULC | ULC-ORD C1023 - Household Burglar Alarm System Units |

| Region | Certification | |
|--------|---------------|---|
| | 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

| Quant. | Component |
|--------|--|
| 1 | B201 module |
| 1 | 1.8 k Ω 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 x 36 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 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**

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