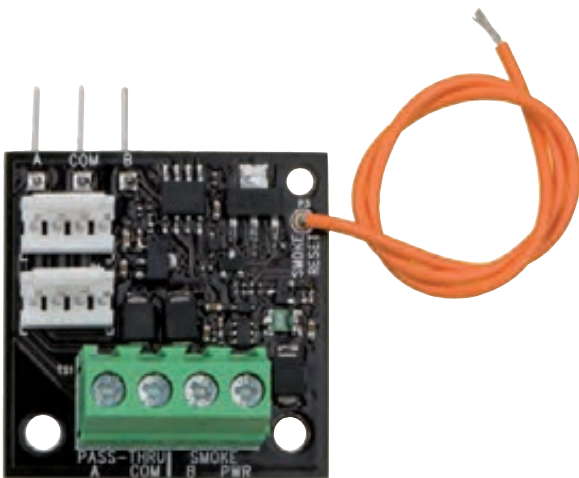


B201 2-wire Powered Loop Module

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	
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 – Proprietary 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 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**

Represented by:**Americas:**

Bosch Security Systems, Inc.
130 Perinton Parkway
Fairport, New York, 14450, USA
Phone: +1 800 289 0096
Fax: +1 585 223 9180
security.sales@us.bosch.com
www.boschsecurity.us

Europe, Middle East, Africa:

Bosch Security Systems B.V.
P.O. Box 80002
5617 BA Eindhoven, The Netherlands
Phone: + 31 40 2577 284
Fax: +31 40 2577 330
emea.securitysystems@bosch.com
www.boschsecurity.com

Asia-Pacific:

Robert Bosch (SEA) Pte Ltd, Security Systems
11 Bishan Street 21
Singapore 573943
Phone: +65 6571 2808
Fax: +65 6571 2699
apr.securitysystems@bosch.com
www.boschsecurity.asia

China:

Bosch (Shanghai) Security Systems Ltd.
201 Building, No. 333 Fuquan Road
North IBP
Changning District, Shanghai
200335 China
Phone +86 21 22181111
Fax: +86 21 22182398
www.boschsecurity.com.cn

America Latina:

Robert Bosch Ltda Security Systems Division
Via Anhanguera, Km 98
CEP 13065-900
Campinas, Sao Paulo, Brazil
Phone: +55 19 2103 2860
Fax: +55 19 2103 2862
latam.boschsecurity@bosch.com
www.boschsecurity.com