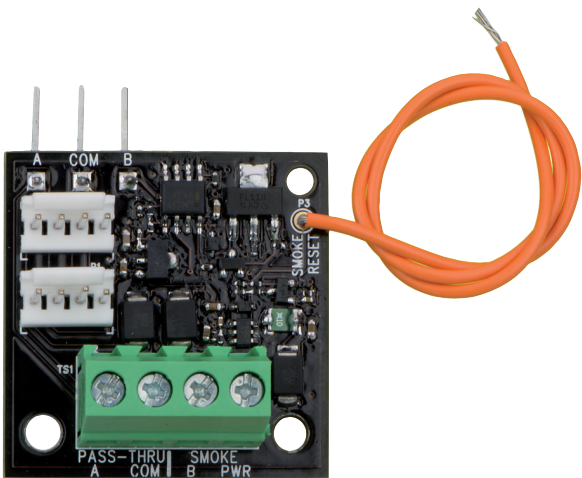


B201 2-wire Powered Loop Module

www.boschsecurity.com



- 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	
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	Certification	
	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 our website
Canada	CSFM	California Office of The State Fire Marshall
	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

Region	Certification	
	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)
2	Standoffs
1	Installation Manual

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:

Europe, Middle East, Africa:
Bosch Security Systems B.V.
P.O. Box 80002
5600 JB Eindhoven, The Netherlands
Phone: + 31 40 2577 284
emea.securitysystems@bosch.com
emea.boschsecurity.com

Germany:
Bosch Sicherheitssysteme GmbH
Robert-Bosch-Ring 5
85630 Grasbrunn
Germany
www.boschsecurity.com

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

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