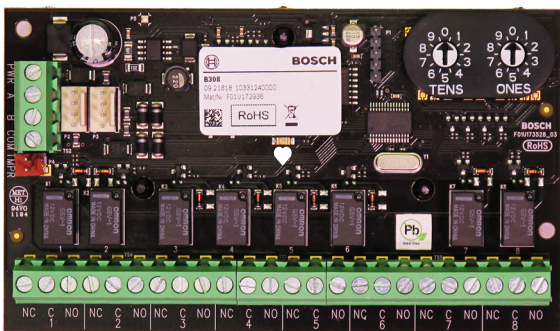


B308 Octo-output Module

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Invented for life



- ▶ Programmable output functions
- ▶ Easy to read switch addressing
- ▶ Provides eight Form C relays
- ▶ 1 A at 24 VDC relay contact rating
- ▶ Allows remote control of outputs

The B308 Octo-output Module is suitable for applications requiring Form C outputs to operate auxiliary systems or to display fire system status at remote annunciators. Building components such as HVAC, door lock releases, and stairwell pressurization can interface with the B308 for complete system control and monitoring.

Industrial, commercial, and institutional facilities are typical installations for the B308 module. The eight on-board outputs can be programmed to activate on system alarm, system trouble, individual zone or point faults, and through remote control by authorized users.

System overview

The B308 Octo-output Module provides eight programmable outputs. Each relay provides dry contact switching rated for 1.0 A at 24 VDC. The outputs are accessed through on-board screw terminal connections.

The B308 is compatible with the SDI2 bus. The on-board switches are used to specify module addresses. Control panel programming will determine output response to specific events.

The B308 receives serial data from the control panel and activates outputs in response to control panel conditions and settings. Outputs can be programmed for remote control from a panel keypad.

Functions

Output Relays

Each output provides a normally-open and a normally-closed output. Outputs can be configured in control panel programming to indicate system events.

Certifications and approvals

USA:

FCC Part 15 Class B

UL 365	Police Station Connected Burglar Alarm Units and Systems
UL 609	Local Burglar Alarm Units and Systems
UL 1023	Household Burglar Alarm System Units
UL 1076	Proprietary Burglar Alarm Units and Systems
UL 1610	Central Station Burglar Alarm Units
UL 864	Control Units and Accessories for Fire Alarm Systems

UL 985	Household Fire Warning System Units
CSFM	California Office of The State Fire Marshall
FM approval 3010	

Region	Certification
USA	UL 20130109-S5579; UL 864 - Control Units and Accessories for Fire Alarm Systems; UL 636 - Holdup Alarm Units and Systems; UL 1076 - Proprietary Burglar Alarm Units and Systems; UL 1610 - Central Station Burglar Alarm Units; UL 365 - Police Station Connected Burglar Alarm Units and Systems; UL 609 - Local Burglar Alarm Units and Systems; UL985 - Residential Fire Warning System Control Units; UL 1023 - Household Burglar-Alarm System Units; ULC/ORD C1076 - Proprietary Burglar Alarm Units and Systems; ULC-S304-06 - Signal Receiving Centre and Premise Burglar Alarm Control Units; ULC-S303-M91 - Local Burglar alarm Units and Systems; ULC-ORD C1023 - Household Burglar-Alarm System Units
	CSFM 7167-1615:0243 7167 -- CONTROL UNIT (HOUSEHOLD)
	CSFM 7165-1615:0242 7165 -- FIRE ALARM CONTROL UNIT (COMMERCIAL)
	FDNY-CoA #6174 UL 864 9th Edition

Installation/configuration notes

Compatibility information

Control panels	B5512 (Up to 5 modules)
	B4512 (Up to 3 modules)
	D9412GV4 (Up to 12 modules)
	D7412GV4 (Up to 6 modules)
	D7212GV4 (Up to 2 modules)



Notice

The D9412GV4 and D7412GV4 are only listed for commercial fire applications.

Mounting considerations

Mount the B308 Octo-input module onto a variety of control panel enclosures including: B5512, B4512, D9412GV4, D7412GV4, D7212GV4 control panels, and D203 remote enclosure. Remote mounting, at longer distances is a benefit of the new SDI2 bus. Up to four B308 Octo-output Modules can be mounted in a control panel enclosure using the 3-hole mounting pattern. For additional modules, use the optional D137 Mounting Bracket.

Wiring considerations

The B308 connects to a control panel using the PWR, A, B, COM terminals on the control panel using the screw terminal strip or the pluggable interconnect

wiring connector. Use 12 AWG to 22 AWG (1.5 mm to 0.6 mm) wires from the module to the control panel. Observe relay specifications (up to 24 VDC), verifying not to exceed the relay settings.

Parts included

Quantity	Component
1	Octo-output module
1	Interconnect wiring connector
1	Hardware pack
1	Literature pack

Technical specifications

Properties

Board dimensions:	2.9 in. x 5.0 in. x 0.60 in (7.35 cm x 12.7 cm x 1.5 cm)
Maximum distance-Wire size:	400 ft (137 m) – 22 AWG (0.65 mm) 1000 ft (305 m) – 18 AWG (2 mm) Unshielded wire only

Power requirements

Current:	150 mA maximum
Voltage:	12 VDC nominal

Ordering information

B308 Octo-output Module

Provides 8 programmable relays.

Order number **B308**

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