

D8128D OctoPOPIT Eight-point Expander

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Invented for life



- ▶ Provides point identification for initiating devices
- ▶ Expands the number of points in the system
- ▶ DIP switch programmable

The D8128D OctoPOPIT module combines the functions of the D8125 POPEX module and the D8127 and D9127U and D9127T POPIT modules to provide eight Class B (Style B) off-board points in a single module. The D8128D OctoPOPIT and D8125 POPEX modules can be wired in parallel to the ZONEX Bus terminals on the same panel.

System overview

The module can be installed inside the enclosure of the control panel, or the module can be installed in a separate enclosure and connected to the control panel.

Functions

Address Switches

There is a set of DIP switches for setting point assignments and line termination. Switches 1 to 4 assign the sensor loops to point numbers on a compatible control panel. Switch 5 sets the line termination.

Point DIP Switches

Activate or deactivate each point connected to the module by placing its respective DIP switch in the closed or open position. The point DIP switch can be used to deactivate conflicting points.

Certifications and approvals

Australia C-Tick

Region	Certification	
USA	UL	AMCX: Central Station Alarm Units (UL1610, UL1635), AOTX: Local Alarm Units (UL464, UL609), AOTX7: Local Alarm Units Certified for Canada (cULus), APOU: Proprietary Alarm Units (UL1076), NBSX: Household Burglar Alarm System Units (UL1023), NBSX7: Household Burglar Alarm System Units Certified for Canada (cULus), UOXX: Control Unit Accessories, System (UL864, 9th edition), UTOU: Control Units and Accessories - Household System Type (UL985), UTOU7: Control Units and Accessories - Household System Type Certified for Canada (cULus)
	CSFM	see our website
	FDNY-CoA	6059 [D9412GV3 & D7412GV3]
	FDNY-CoA	6174
Canada	FDNY-CoA	6196
	ULC	AMCX7.S1871 - Central Station Alarm Units Certified for Canada

Region	Certification	
	ULC	AOTX7.S1871 Local Alarm Units Certified for Canada
	ULC	APAW7.S1871 Police-station-connected Alarm Units Certified for Canada
	ULC	NBSX7.S1871 Household Burglar Alarm System Units Certified for Canada

Installation/configuration notes

Compatible Control Panels

- B9512G/B9512G-E
- B8512G/B8512G-E
- D9412GV4/D7412GV4/D7212GV4
- D9412GV3/D7412GV3/D7212GV3
- D9412GV2/D7412GV2/D7212GV2
- D9412/D7412/D7212



Notice

The D7212GV4, D7212GV3, D7212GV2, D7212G, and D7212 are not listed for commercial fire applications.

Connection Considerations

If the module is installed in a separate enclosure, it can be placed up to 60 m (200 ft) from the control panel:

Maximum Wire Impedance: 4 Ω

Distance (maximum)	Wire Size
60 m	0.6 mm
60 m	1.0 mm
200 ft	22 AWG
200 ft	18 AWG

The module can be wired to the control panel using the module's terminal strip or using Molex connectors. The Molex connectors are useful when multiple D8128D modules are in use. The terminal strip is easier to use in cases when the module is connected directly to the control panel.

Trademarks

All hardware and software product names used in this document are likely to be registered trademarks and must be treated accordingly.

Parts included

Quantity	Component
1	OctoPOPIT
1	Hardware pack
1	Literature pack

Technical specifications

Environmental Considerations

Temperature (Operating):	0°C to +49°C (+32°F to +120°F)
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Loop

Wire Resistance:	100 Ω maximum
Response Time:	1 second (supervised with a 1 kΩ end-of-line resistor)

Power Requirements

Current (alarm):	50 mA maximum
Current (standby):	25 mA maximum
Voltage:	12 VDC nominal

Ordering information

D8128D OctoPOPIT Eight-point Expander

Provides 8 off-board points and a set of DIP switches. Order number **D8128D**

Accessories

D137 Mounting Bracket

Used to mount accessory modules in D8103, D8108A, and D8109 enclosures. Order number **D137**

D8103 Enclosure

Grey steel enclosure measuring 41 cm x 41 cm x 9 cm (16 in. x 16 in. x 3.5 in.). Order number **D8103**

D8108A Attack Resistant Enclosure

Grey steel enclosure measuring 41 cm x 41 cm x 9 cm (16 in. x 16 in. x 3.5 in.). UL Listed. Includes lock and key set. B520, B4512, and B5512 require the B12 mounting plate. Order number **D8108A**

D8109 Fire Enclosure

Red steel enclosure measuring 40.6 cm x 40.6 cm x 8.9 cm (16 in. x 16 in. x 3.5 in.). UL Listed. Includes a lock and key set. Order number **D8109**

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