D8125 Addressable Expansion Module

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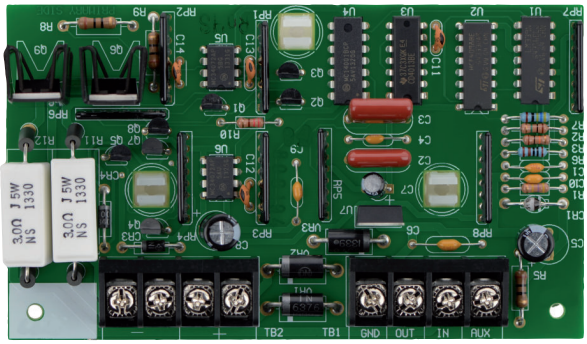

- Provides point identification of initiating devices
- Supervises wiring to devices for circuit integrity
- Expands the number of points in the system
- Compact size
- Terminal connections for reliability

The D8125 Addressable Expansion Module works with the D9127U or D9127T POPIT Modules to provide multiplex technology that combines zone or point supervision with individual device addressing on one pair of wires. Use the D8125 to provide expansion beyond the standard number of control panel zones, up to a total of 238 points. Each D8125 module can fully supervise 119 D9127U or D9127T POPIT Modules.

System overview

Each D8125 installs in the control panel enclosure or in an adjacent approved enclosure. Future system expansion is very economical as D9127U or D9127T POPITs can be spliced in anywhere along the two-wire data expansion loop from the D8125 module.
The D9127 is a compact, addressable device that is suitable for applications where specifications call for point identification from each initiating device or series of devices. The units are small, and easily installed in standard outlet boxes, above false ceilings, closets, or other accessible locations.
The D8125 includes a 33 kΩ end-of-line (EOL) resistor. Install the resistor at the farthest point on the loop for proper supervision.

Certifications and approvals

Australia	C-Tick

Region	Certification	
USA	UL	AMCX: Central Station Alarm Units (UL1610, UL1635), AMCX7: Central Station Alarm Units Certified for Canada (cULus), AOTX: Local Alarm Units (UL464, UL609), AOTX7: Local Alarm Units Certified for Canada (cULus), APAW: Police Station Alarm Units (UL365, UL464), APAW7: Police Station Alarm Units Certified for Canada (cULus), APOU: Proprietary Alarm Units (UL1076), APOU7: Proprietary Alarm Units Certified for Canada (cULus), NBSX: Household Burglar Alarm System Units (UL1023), NBSX7: Household Burglar Alarm System Units Certified for Canada (cULus), UOJZ: Control Units, 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)
	FM	
	CSFM	California State Fire Marshal (see our website)
	FDNY-CoA	6174
	FDNY-CoA	6059 [D9412GV3 & D7412GV3]

Region	Certification	
	NYC-MEA	12-92-E, Vol. 12 12-92-E, Vol. 12
	NYC-MEA	12-92-E, Vol. 15 12-92-E, Vol. 15
	NYC-MEA	12-92-E, Vol. II 12-92-E, Vol. II
Canada	ULC	AMCX7.S1871 - Central Station Alarm Units Certified for Canada
	ULC	S303 - Local Burglar Alarm Units and Systems
	ULC	- Police Station Connected Burglar Alarm Units
	ULC	APOU7.S1871 Proprietary Alarm Units Certified for Canada
	ULC	ULC-ORD C1023 - Household Burglar Alarm System Units

Installation/configuration notes

Compatible Control Panels

- B9512G/B9512G-E
- B8512G/B8512G-E
- D9412GV4/D7412GV4/D7212GV4
- D9412GV3/D7412GV3/D7212GV3
- D9412GV2/D7412GV2/D7212GV2
- D9412/D7412/D7212
- D7212B1
- D9112/D9112B1
- D8112G1/D8112G2
- D9124

Parts included

Quantity	Component
1	Expansion board
1	Hardware pack
1	Literature pack

Technical specifications

Properties

Dimensions:	13 cm x 8 cm x 2 cm (5 in. x 3 in. x 0.75 in.)

Power Requirements

Current Draw:	50 mA for each D8125 module
Voltage (Operating):	12 VDC

Ordering information

D8125 Addressable Expansion Module
Provides expansion up to 238 points.
Order number **D8125**

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