FLM-325-CZM4 Conventional Zone Module

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Invented for life

- Provides a zone of up to 25 conventional smoke detectors (depending on detector type)
- Supervises auxiliary power supply for conventional detectors
- Compatible with Class B (Style B) or Class A (Style D)
- Module address programming with the D5070 Analog Device Programmer between 1 and 127
- Bi-colored LED provides module status

The FLM-325-CZM4 Conventional Zone Module enables the FPA-1000 Analog Addressable Fire Panels to interface and monitor up to 25 conventional devices depending on the device type such as two-wire smoke detectors or pull stations.
The module requires an auxiliary input voltage to provide power for the detector zone. It supervises the power supply as well as the entire zone of devices. Status conditions are reported as normal, open or short.
The module offers fixed threshold levels for open and short that can not be changed. It fits into a standard 4-inch square or double-gang electrical back box.

Functions

Address programming
Each module is addressed through the D5070 Analog Device Programmer and transmits the status of one zone of devices back to the panel.

Status display
The module has a bi-colored LED that flashes every time the module is polled and can be switched on steady when the module goes into active condition.

Certifications and approvals

Region	Certification	
USA	UL	UOXX: Control Unit Accessories, System (ANSI/UL 864)
	CSFM	see our website
	FDNY-CoA	#6101

Installation/configuration notes

Compatible Products
The following products are compatible with the FLM-325-CZM4 Conventional Zone Module:

Category	Product ID	Product Description
Fire Panels	FPA-1000	Analog Addressable Fire Panels
Two-wire Detectors	D254[1]	Fixed-temperature (135°F [57°C]) Heat Detector Head
	D255[1]	Fixed-temperature (190°F [88°C]) Heat Detector Head
	D256A[2]	Fixed-temperature (135°F [57°C]), Rate-of-Rise Heat Detector Head

D257A[2]	Fixed-temperature (190°F [88°C]), Rate-of-Rise Heat Detector Head
D265AW[2]	Photoelectric Smoke Detector Head
D281A[2]	Ionization Smoke Detector
D282A[2]	24 VDC Smoke Detector Head
D283A[2]	24 VDC Smoke/Heat Detector Head

[1] Requires D253 Two-wire Detector Base (24 VDC)
[2] Requires D280A Two-wire Detector Base (24 VDC)

Parts included

Quant.	Component
1	FLM-325-CZM4 Conventional Zone Module
1	EOL resistor 4.7 kΩ
1	Wall plate
1	Literature pack

Technical specifications

Electrical

Operating Voltage	17 VDC to 41 VDC
Current Consumption	
• Standby	0.4 mA
• Active (from auxiliary power supply	60 mA
• Data transmission	22 mA ±20 %
Resistance	
• EOL	4.7 kΩ
• Alarm Threshold	< 1.5 kΩ

Mechanical

Dimensions (H x W x D)	4.7 in. x 4.2 in. x 1.4 in. (11.9 cm x 10.7 cm x 3.6 cm)
Bicolored LED	Red and green

Environmental

Operating Temperature	+32°F to +120°F (0°C to +49°C)
Relative Humidity	90 %, non-condensing

Ordering information

FLM-325-CZM4 Conventional Zone Module
Enables the FACP to interface and monitor up to 25 conventional devices depending on the device type such as two-wire smoke detectors or pull stations
Order number **FLM-325-CZM4**

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