

### FEATURES

- ✓ Provides two (2) additional relays
- ✓ Quick and simple to install
- ✓ Out-of-the-box operation, with minimal configuration required for extra features
- ✓ Diagnostic LEDs give visual indication of the card's status
- ✓ Fully compatible with Xtralis VESDA VLF smoke detectors



### PRODUCT DESCRIPTION

The VESDA VLF MCC (Multi-function Control Card) is an interface card for the range of Xtralis VESDA VLF smoke detectors. An MCC expands the range of input and output communications a VLF detector can perform.

#### Why use a VLF MCC?

Installing a VLF MCC into a VLF detector provides a cost-effective solution for customers who need enhanced connectivity, fault detection and monitoring, and annunciation of alarms and faults. The principal benefits include:

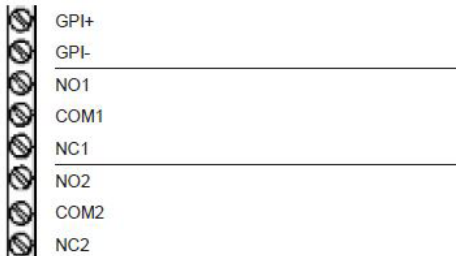
##### *Improved FACP connectivity*

The VLF is fitted with two (2) alarm relays in its standard form. With an extra two (2) relays, the Multi-function Control Card allows reporting of all four (4) alarm levels on dry relay outputs.

### TECHNICAL SPECIFICATIONS

<b>Power Consumption</b>	1W from the detector at 24Vdc (less than 42mA)	
<b>Relay Outputs</b>	2A at 30Vdc	
<b>Dimensions</b>	110mm L x 70mm W x 20mm H	
<b>Weight</b>	0.08kg	
<b>Terminals</b>	0.2-2.5mm <sup>2</sup> (30 - 12 AWG)	
<b>Operating Conditions</b>	Tested to:	-10 to 55°C
	Detector ambient:	0 to 40°C
	Humidity:	5% to 95% (non-condensing)
<b>Detector Compatibility</b>	Supports VLF-250 and VLF-500	
<b>Input/Output Assignments</b>	Output for Relay 1:	<b>ALERT</b> (follows latching configuration of VLF ALERT status)
	Output for Relay 2:	<b>FIRE-2</b> (follows latching configuration of VLF FIRE-2 status)
	Input for GPI:	<b>FAULT</b> GPI reports status on following conditions: - EOL > No fault - Short > Fault # 115/IFF6 - O/C > Fault # 111/IFF8

### TERMINAL BLOCK CONNECTIONS



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Diagnostic LEDs indicate:

- ✓ Power to the MCC
- ✓ Relay activated state
- ✓ Internal communications status
- ✓ GPI state
- ✓ GPI line fault