PRODUCT DATA SHEET

VIC-020

VESDA VLF Multi-Function Control Card

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

Power Consumption	1W from the detector at 24Vdc (less than 42mA)	
Relay Outputs	2A at 30Vdc	
Dimensions	110mm L x 70mm W x 20mm H	
Weight	0.08kg	
Terminals	0.2-2.5mm² (30 - 12 AWG)	
Operating Conditions	Tested to:	-10 to 55°C
	Detector ambient:	0 to 40°C
	Humidity:	5% to 95% (non-condensing)
Detector Compatibility	Supports VLF-250 and VLF-500	
Input/Output Assignments	Output for Relay 1:	**ALERT** (follows latching configuration of VLF ALERT status)
	Output for Relay 2:	**FIRE-2** (follows latching configuration of VLF FIRE-2 status)
	Input for GPI:	**FAULT** GPI reports status on following conditions: - EOL > No fault - Short > Fault # 115/IFF6 - O/C > Fault # 111/IFF8

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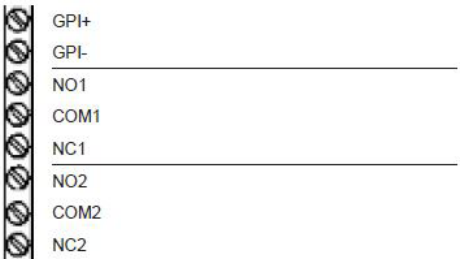
VESDA VLF Multi-Function Control Card

TERMINAL BLOCK CONNECTIONS



TERMINAL BLOCK CONNECTIONS

Diagnostic LEDs indicate:

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