

MX1

Advanced Single Risk Addressable Fire Suppression Controller

Features

- Supplied configured and pre-programmed as a Single Risk Addressable Fire Suppression Controller
- Standard 15U cabinet, with space for 40Ah batteries and limited additional modules
- Indications for: System Initiated; Manual Release; Agent Discharged; Manual Mode; Agent Discharge Fault; System Isolated
- MX Addressable Local Control Station
- Designed to meet the Detection, Actuation and Control requirements of AS 4214:2018 and Special Hazards System requirements of AS 1670.5:2016
- Status can be networked to a range of Vigilant panels



Advanced, Economical and Modular

The VIGILANT MX1 is an advanced addressable Fire Indicator Panel (FIP) that uses modular internal construction to achieve economical and reliable monitoring and control.

When coupled with the VIGILANT suppression door, Audio Visual Indicator (AVI) Mk2 warning signs and VIGILANT MX Addressable Local Control Station (LCS). It provides a cost-effective Single Risk Addressable Fire Suppression Controller.

The VIGILANT MX1 Fire Suppression Controller supports the range of Gen6 MX analogue addressable detectors and modules, including the 850PH and 850PC multi-sensor detectors, and the 850P and 850H detectors. Support for VESDA or other aspirated smoke sensing systems is included.

Configuration for a single risk fire alarm system is factory-fitted and programmed with a basic fire suppression template. Modifications to the standard configuration is straightforward, easy and can be quickly completed using Windows based programming software.

Fire detection in hazardous areas is well catered for. With MX loop connectivity through galvanic barriers, using the comprehensive range of Intrinsically Safe MX addressable devices including smoke, heat and flame detectors, we have you covered.

Programming is easy with the standard MX1 Fire Suppression Controller providing all fire suppression logic, as well as the logic for common fire alarm functions. The arrangement of the fire suppression zone has been designed to comply with the Detection, Actuation and Control requirements of AS 4214:2018 and the Special Hazards System requirements of AS 1670.5:2016, but has not been independently assessed to these standards.

Specifications

	FP1164
Dims (HWD)	750x550x230
Weight	19kg less batt.
Cabinet Material	1.6 mm Mild Steel
Cabinet Finish	Epoxy powdercoat, DULUX Titania
IP Rating	IP30
Mains Supply	240VAC 1A 50Hz
System PSU	5A @ nom. 27.3 Vdc @ 20 °C
Operating Temp.	0 °C to +45 °C
Rel. Humidity	Up to 95% (non-condensing)
ActivFire Listed	afp-2320
FPANZ Listed	VF/118

Part Numbers

MX1 Fire Suppression Controller

FP1164	1-Zone Gas Control, 15U Cabinet
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Indoor AVI (faceplates supplied separately)

FP0853	AVI Mk2 2-Line Red
FP0854	AVI Mk2 3-Line Yellow

IP65 AVI (faceplates supplied separately)

FP1037	IP65 AVI Mk2 2-Line Red 24V
FP1038	IP65 AVI Mk2 3-Line Yellow 24V
EA0020	IP65 8ohm 10W Horn Speaker

AVI Faceplates

FA2700	AVI Faceplate "Fire Alarm - Evacuate Area" IP65 AVI
FA2701	AVI Faceplate "Fire Alarm - Do Not Enter"
FA2776	AVI Faceplate "Extinguishing System Inoperative"

Local Control Station

FP1167	Addressable LCS
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Single Risk

Powered by MX TECHNOLOGY, the MX1 Fire Suppression Controller is now enabled to provide a pathway to the future of Fire Detection and Fire Suppression control. Includes connections for Guard Relay, Solenoid Output, AVI signs, Staged Operation and Extinguishant Release Delay Timer. Protect vital infrastructure with a new level of connectivity and security. Protection of your assets. Peace of mind for you.

Network

With the powerful VIGILANT MX1 at the heart of your gas control system, a whole new world of networking possibilities opens up. Whether you need to network over IP, fibre-optic, or copper, MX1 makes it easy.



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VIGILANT, a respected regional brand of Johnson Controls, is a technology leader in the Australian and New Zealand fire detection markets with AS and NZS product approvals. The VIGILANT product line includes a comprehensive range of MX TECHNOLOGY fire detection products and the market-leading QE90 voice evacuation systems. VIGILANT product is widely supported throughout Australia and New Zealand by a network of installation companies, service companies and distributors.

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