

Fire Suppression Control Module



Extinguishing Agent Release

General

The Notifier Fire Suppression Control Module is used to control the release of fire suppressing agents in accordance with AS 4214.

This module has been designed for use with both the IFS-2600 Conventional and the AFP-2800 Addressable Analogue FIPs.

The control module provides automatic and manual extinguishing agent control, including control inputs/outputs, indicators and release sequence in accordance with AS4214 requirements.

Features

- Dual risk operation - from three risk inputs.
- Field devices
 - » Local control station (LCS)
 - » Extensive range of warning signs.
- Adjustable discharge delay timer.
- Output contacts for
 - » Alarm 1 & Alarm 2
 - » System fault
 - » Automatic/Manual operation
 - » Discharge.
- Monitored for short and open circuit.
- High power 5A Extinguishing Agent release device output.
- Optional Pyrozone interface.
- Designed in accordance with AS4214.
- "Do Not Enter", Dual Level and "System Inoperative" sign outputs.



Specifications

Supply Voltage:	18VDC to 28VDC
Current Consumption @ 24VDC nominal:	Quiescent 35mA Alarm 59mA (Level 1) 138mA (Level 2)
Environmental:	For use indoors in a dry location
Form C Relay Outputs:	<ul style="list-style-type: none">- Discharged- 1st Alarm- 2nd Alarm- System Fault - Normally Energised- Automatic/Manual Operation- Relay Contact Ratings 1A @ 30VDC (resistive)
Warning Sign Outputs:	<ul style="list-style-type: none">- Single Level Warning Sign (DNE) - with Fuse F3- Dual Level Warning Sign (W/SIGN) – with Fuse F1- System Inoperative (INOPR) – with Fuse F4- Output Ratings: 1A @ 24VDC nominal- End-of-Line-Resistor: IFS-1125 or 4.7K Ohm ¼ Watt
ACF Output:	<ul style="list-style-type: none">- Output rating: 1A @ 24VDC nominal - with Fuse F2- End-of-Line-Resistor: 4.7K Ohm ¼ Watt
Extinguishing Agent Release Device (Gas Head):	<ul style="list-style-type: none">- Output rating: 5 @ 24VDC nominal - with Fuse F6- End-of-Line-Resistor: IFS-1125 or 4.7K Ohm ¼ Watt
Monitored Inputs:	<ul style="list-style-type: none">- Risk 1, Risk 2 and Risk 3- CIE Fault (FLT)- End-of-Line-Resistor: 4.7K Ohm ¼ Watt
Pyrozone Interface:	<ul style="list-style-type: none">- Output rating: 1A @ 24VDC nominal - with Fuse F2- End-of-Line-Resistor: 4.7K Ohm ¼ Watt

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