PRODUCT DATA SHEET
GRM-2008
Dual Risk Gas Control Module

FEATURES



- ✓ Designed in accordance with AS4214
- ✓ Built for use with 1600, 2800 & 3030 panels
- ✓ Compact, standard design
- ✓ Up to 3 risk detection zones
- ✓ Two separate extinguishing agent control outputs
- ✓ Service switch to disable entire module from any input activating
- ✓ Adjustable timer
- ✓ Warning sign outputs (including System Inoperative)
- ✓ Remote stop/start gas stations available
- ✓ Pyrozone control versions available

PRODUCT DESCRIPTION

The FireSense GRM-2008 Suppression Control Modules are used to control the release of fire suppressing gas in a fire situation. The GRM-2008 is designed for use with both the 1600, 2800, 3030 series fire indicator panels.

This Gas Module comes complete with automatic and manual extinguishing agent control, control inputs/ outputs, indicators and release sequence in accordance with AS4214 standard requirements.

There are three detection zones. If there is any single zone which is active, the Gas Module will operate a Level 1 alarm, the “DO NOT ENTER” warning sign will activate and a Level 1 alarm will be indicated.

If a 2nd or 3rd alarm activates, the module will operate a Level 2 alarm and will activate the Level 2 alarm outputs and start the Extinguishing Agent time delay which is adjustable from 0 to 990 seconds, (in 10 second increments). After the time delay has expired, the module will activate the Extinguishing Agent discharge device.

The Gas Module also provides a Discharge Inhibit stop input to prevent automatic discharge.

There is a manual release switch which can be set for either delay before action or instantaneous. The manual release switch will override the automatic discharge system.

It comes with two separate extinguishing type controllers which can be set by switches on the Gas Module.

The Gas Module has been designed with a Service Switch. This switch disables the entire system from discharging the Extinguishing Agent regardless of the state of any input signal. This feature makes it easier for when maintenance is required on the system.

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TECHNICAL SPECIFICATIONS

Finish	Lexan label fitted to grey powder coated annunciator plate
Supply Voltage	24Vdc ± 10%
Power Consumption	100mA
Time Settings	0-990 seconds
Inputs	- Alarm 1 - Alarm 2 - Alarm 3 - Fault - BGA - Stop - Master Isolate / Maintenance - Gas Discharged - Lock Off Valve - Lamp Test
Outputs	- **Initiate / Discharge** - Clean Contact - Max 1A - **First Alarm** - Clean Contact - Max 1A - **Second Alarm** - Clean Contact - Max 1A - **System Fault** - Clean Contact - Max 1A - **Auto / Manual** - Clean Contact - Max 1A - **Extinguishing Agent** - Power Output - Max 5A with fuse F6 - **Pyrozone Agent** - Power Output - Max 1A with fuse F5 - **Pyrozone Stop** - Power Output - **Warning Sign** - Power Output - Max 1A with fuse F1 - **ACF** - Power Output - Max 1A with fuse F2 - **DNE Sign** - Power Output - Max 1A with fuse F3 - **System Inoperative Sign** - Power Output - Max 1A with fuse F4

ORDERING INFORMATION

Product Code	Description
GRM-2008	Dual risk gas release module

APPROVALS

- ✓ SSL approved to XF2011/R1
- ✓ Australian Standard - ASA214
- ✓ EMC Approval No. T30509

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