

Description

The DM-1008A Module provides the FA-1000 or FX-2000 Series Fire Alarm Control panels with up to 8 Class B (Style B) or 4 Class A (Style D) Initiating Circuits which can be configured for Alarm, Supervisory, Waterflow or Trouble circuits.

Applications

The DM-1008A provides up to eight zones of Class B (Style B) or four Class A (Style D) Initiating circuits. Each of the circuits can be configured as either Alarm, Supervisory, Waterflow or Trouble zones. Each circuit can handle both powered devices such as smoke detectors and non-powered devices such as heat detectors, pull stations, waterflow devices, tamper switches, etc.

Features

- Eight Class B (Style B) or 4 Class A (Style D) Initiating Circuits which can be configured as Alarm, Supervisory, Waterflow or Trouble Circuits
- Bi-Coloured Alarm/Supervisory and Trouble LED provided for individual annunciation of each zone
- Slide-in labels for zone identification
- Programmable as Supervisory Circuit for Latching and Non-Latching
- All circuits are power limited for use with limited energy cable
- Removable terminal blocks for ease of wiring and servicing
- Extensive transient protection on all circuits

Installation

The DM-1008A consists of a PC board which mounts at the bottom of the chassis. The PC board is connected via cables to the board on the main chassis. Space is provided on the dress panel allowing the application of slide-in labels for initiating zone description. Labels are provided with each chassis. Removable terminal blocks are provided for easy connection of field wiring and servicing.

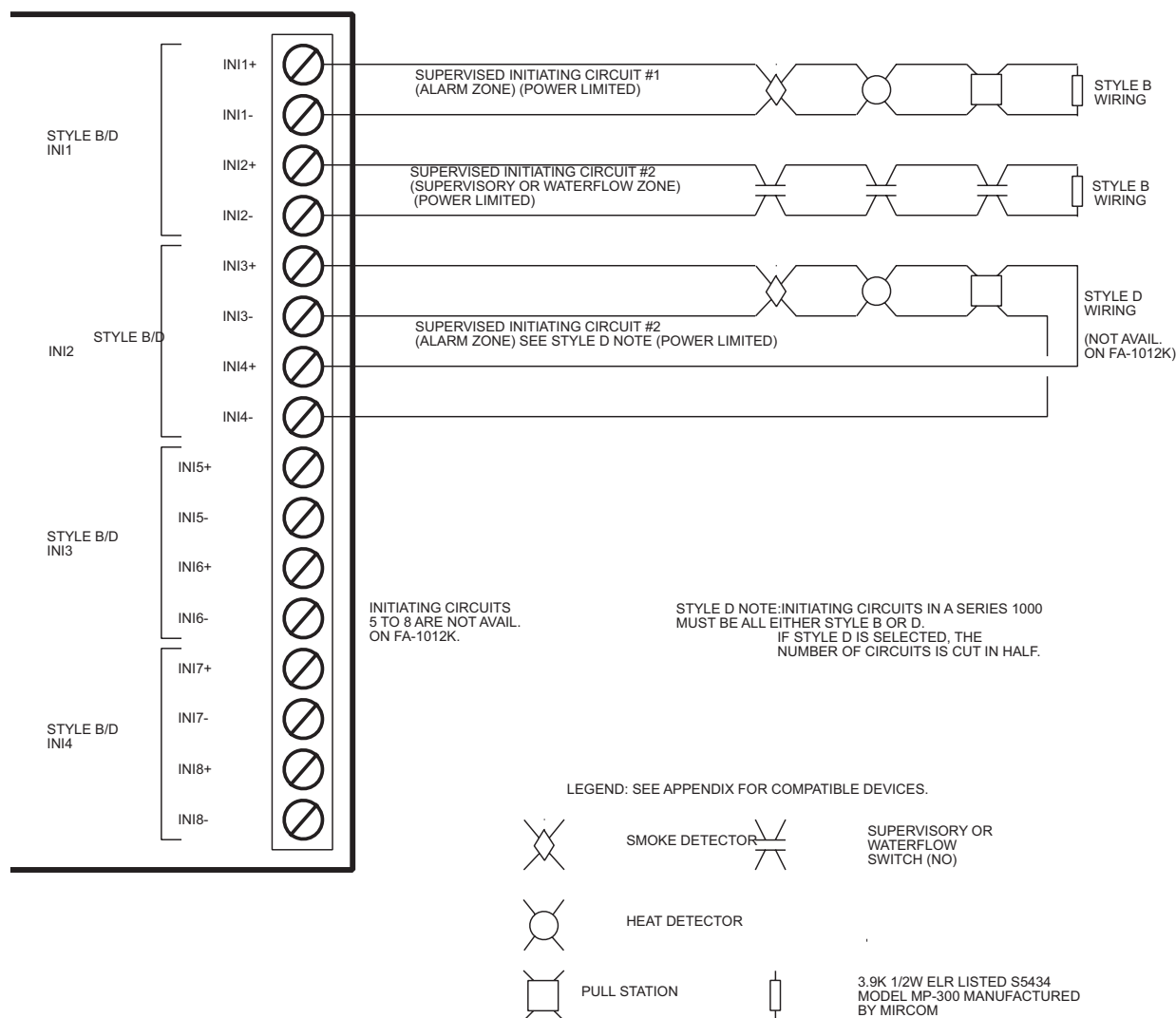
Technical Specifications

Output Voltage	22 VDC
Standby Current	80 mA
Max. Alarm Current: 8 Zone Active	465 mA
End of Line Resistor	3.9K ohm $\pm 5\%$, $\frac{1}{2}$ W



MEA
approved

Typical Wiring Diagram



NOTES: ALL POWER LIMITED CIRCUITS MUST USE TYPE FPL, FPLR, OR FLP POWER LIMITED CABLE.
INITIATING CIRCUITS ARE FULLY SUPERVISED AND RATED FOR 22 VDC, 3 mA STANDBY, 5 mV RIPPLE, 50 mA MAX. ALARM. THEY MAY BE CONFIGURED AS REQUIRED. THE ALARM THRESHOLD IS 21 mA. MAXIMUM LOOP RESISTANCE IS 100 OHMS, 50 OHMS PER SIDE.

Ordering Information

Model	Description
DM-1008A	8 Initiating Circuit Module



Canada

25 Interchange Way Vaughan, ON L4K 5W3
Telephone: (905) 660-4655 | Fax: (905) 660-4113

U.S.A.

4575 Witmer Industrial Estates Niagara Falls, NY 14305
Toll Free: (888) 660-4655 | Fax Toll Free: (888) 660-4113

www.mircom.com



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