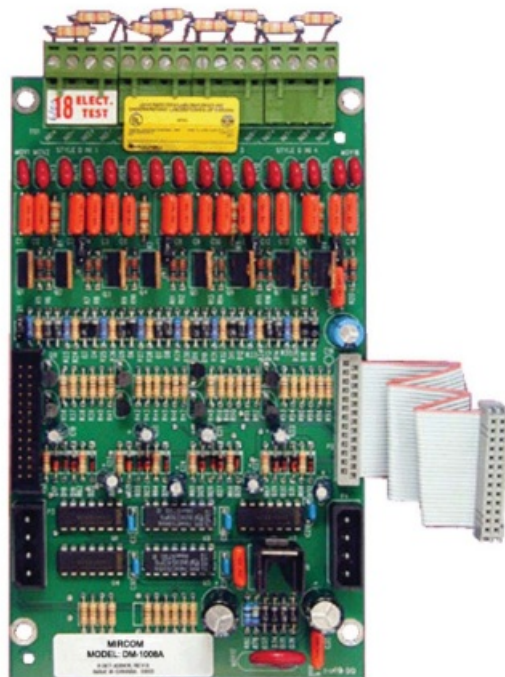


Mircom DM-1008A Eight Initiating Circuit Module Owner's Manual

[Home](#) » [Mircom](#) » Mircom DM-1008A Eight Initiating Circuit Module Owner's Manual 

Mircom DM-1008A Eight Initiating Circuit Module



Contents

- [1 General](#)
- [2 Applications](#)
- [3 Features](#)
- [4 Installation](#)
- [5 Typical Wiring Diagram](#)
- [6 Technical Specifications](#)
- [7 Customer Support](#)
- [8 Documents / Resources](#)
 - [8.1 References](#)
- [9 Related Posts](#)

General

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

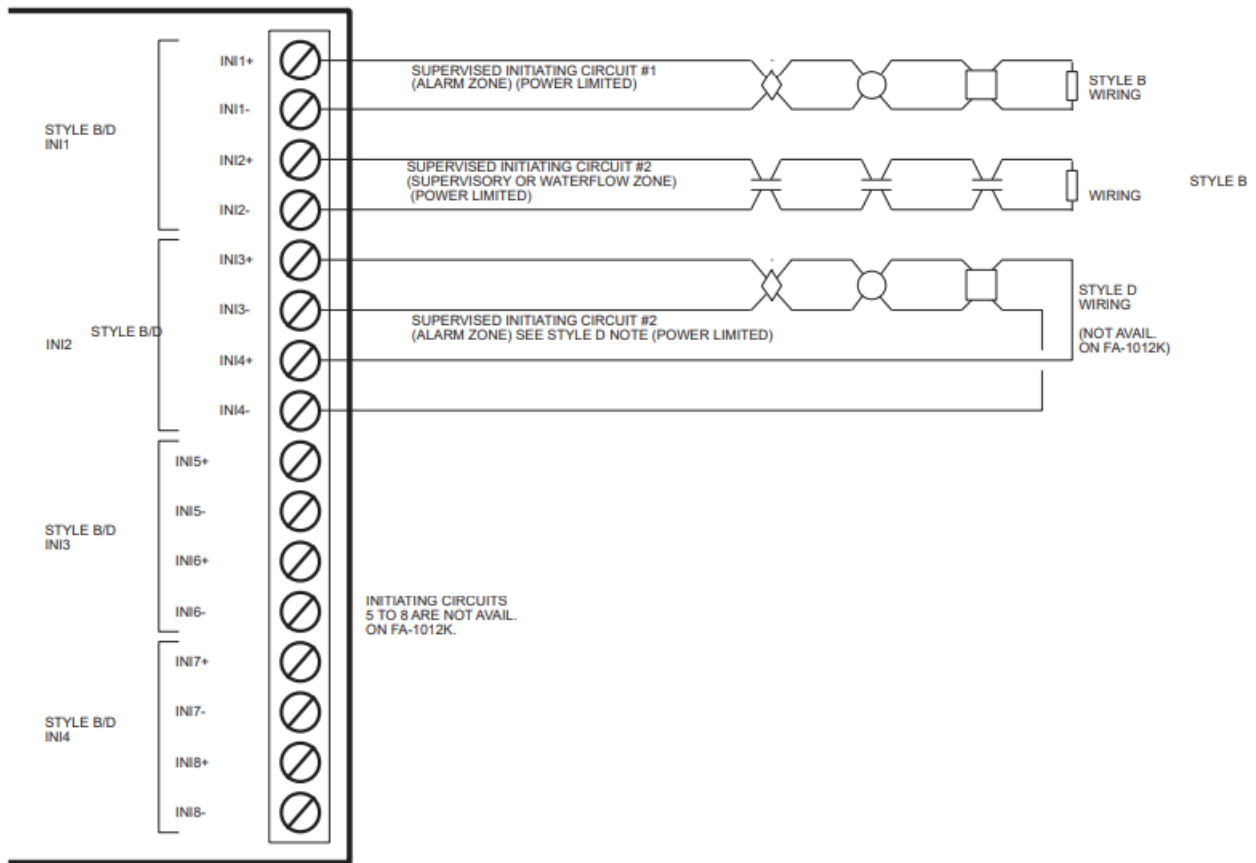
- Eight Class B (Style B) or 4 Class A (Style D) Initiating Circuits which can be configured as Alarm, Supervisory, Waterflow or Trouble Circuits
- Bi-Coloured Alarm/Supervisory and Trouble LED provided for individual annunciation of each zone
- Slide-in labels for zone identification
- Programmable 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.

Typical Wiring Diagram

STYLE D NOTE: INITIATING CIRCUITS IN A SERIES 1000 MUST BE ALL EITHER STYLE B OR D. IF STYLE D IS SELECTED, THE NUMBER OF CIRCUITS IS CUT IN HALF



LEGEND: SEE APPENDIX FOR COMPATIBLE DEVICES.



SMOKE DETECTOR



SUPERVISORY OR
WATERFLOW
SWITCH (NO)



HEAT DETECTOR



PULL STATION



3.9K 1/2W ELR LISTED S5434
MODEL MP-300 MANUFACTURED
BY MIRCOM

NOTES: ALL POWER LIMITED CIRCUITS MUST USE TYPE FPL, FPLR, OR FPLP 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.

Technical Specifications

Output Voltage	22 VDC
Standby Current	80 mA
Max. Standby Curren	3 mA
End of Line Resistor	3.9K ohm $\pm 5\%$, $\frac{1}{2}$ W



Customer Support

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Documents / Resources

 <p>The image shows a photograph of the Mircom DM-1008A Eight Initiating Circuit Module. It is a green printed circuit board (PCB) with various electronic components, including resistors, capacitors, and integrated circuits. The board has a multi-pin connector on one side. The Mircom logo is visible in the top left corner of the image.</p>	<p>Mircom DM-1008A Eight Initiating Circuit Module [pdf] Owner's Manual DM-1008A, Eight Initiating Circuit Module, DM-1008A Eight Initiating Circuit Module, Initiating Circuit Module, Circuit Module, Module</p>
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References

-  [Fire Alarm Resources | Download fire alarm documents](#)
-  [Mircom - Smart Buildings. Smarter Solutions.](#)

