



Mircom SGM-1004A Four Indicating Circuit Module Owner's Manual

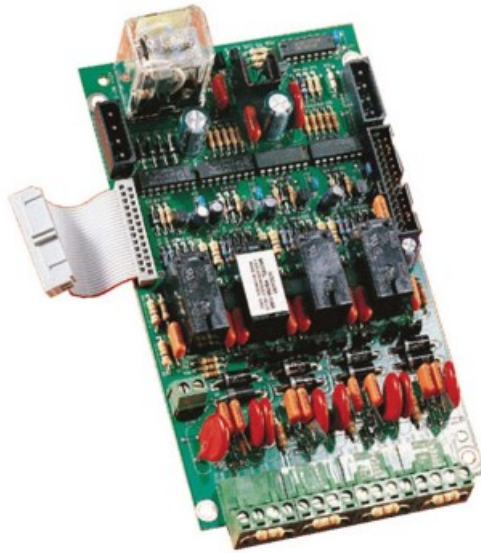
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Mircom SGM-1004A Four Indicating Circuit Module



General

The SGM-1004A Module provides the FA-1000 or FX-2000 Series Fire Alarm Control panels with up to 4 Class A or B (Style Z or Y) Indicating Circuits.

Applications

The SGM-1004A provides up to four indicating circuits each rated at 1.7 Amps to signal devices such as strobes, bells, horns, etc. Each of the indicating circuits can be configured as nonsilenceable (steady) or silenceable. In addition each circuit comes with an individual trouble indicator. All circuits are power limited for use with limited energy cable. The SGM-1004A is jumper selectable for individual circuit signal silence. In addition it has terminals for a bell cut relay.

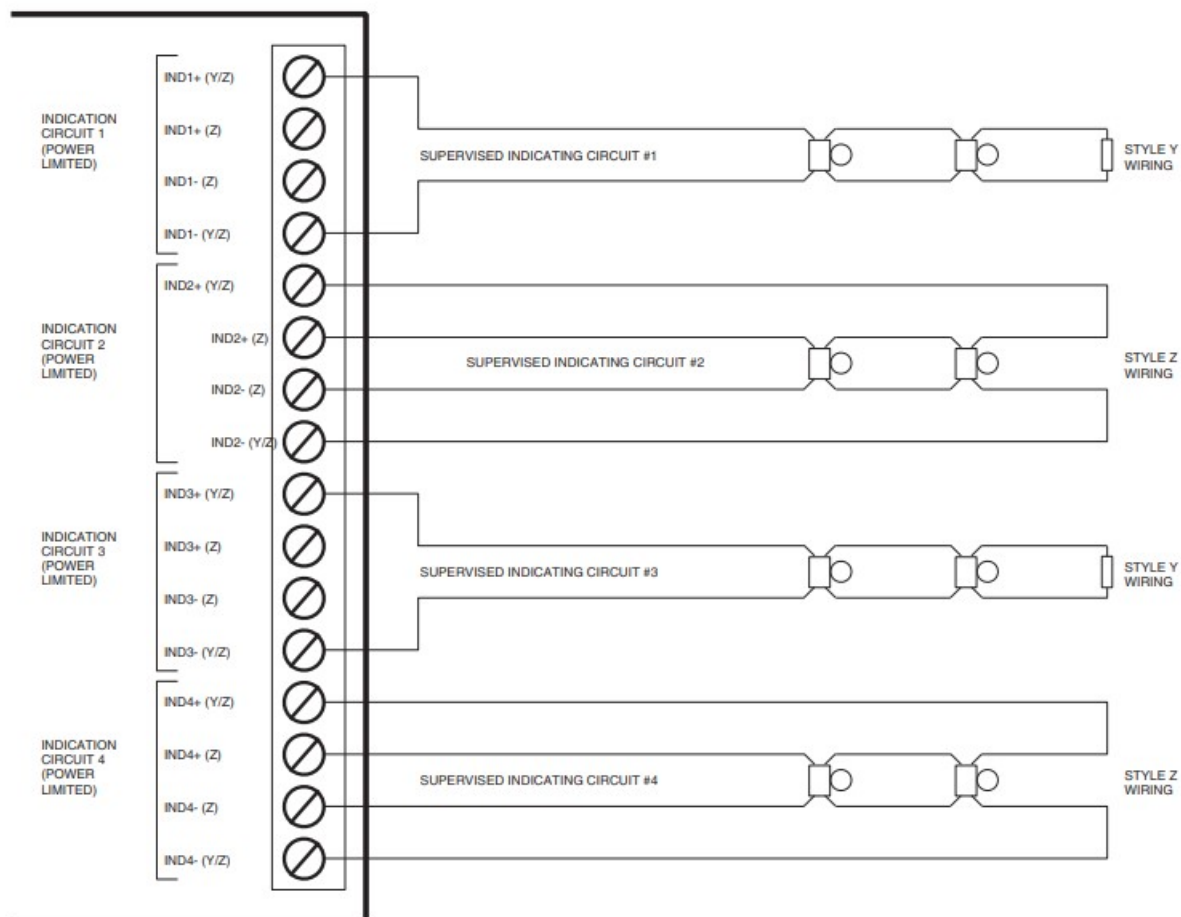
Features

- Four Class A/B (Style Z/Y) Indicating Circuits
- Each Indicating Circuit is rated at 1.7 Amps
- Each Indicating Circuit can be configured as Non-Silenceable (Steady) or Silenceable
- Outputs resound on subsequent alarm
- LEDs (Amber) provided for indication of Indicating Circuit trouble
- Programmable to any input circuit
- 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 SGM-1004A 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 indicating zone description. Labels are provided with each chassis. Removable terminal blocks are provided for easy connection of field wiring and servicing.

Typical Wiring Diagram



NOTES: ALL POWER LIMITED CIRCUITS MUST USE TYPE FPL, FPLR, OR FPLP POWER LIMITED CABLE. SGM-1004(A) INDICATING CIRCUITS ARE FULLY SUPERVISED AND RATED FOR 24 VDC UNFILTERED 1.70AMP MAX. THEY MUST BE WIRED AS SHOWN IN THE WIRING TABLES.

LEGEND: SEE APPENDIX FOR COMPATIBLE DEVICES.

- BELL, HORN, OR STROBE
- 3.9K 1/2W ELR LISTED S5434 MODEL MP-300 MANUFACTURED BY MIRCOM

Technical Specifications

• Output Voltage

..... 24 VDC
Unfiltered

• Standby

Current.....
35 mA

• Alarm Current (unloaded)

..... 150 mA


• Output Current per Zone – Power Limited

..... 1.7 Amp

• End of Line Resistor

..... 3.9K ohm $\pm 5\%$, 1/2

Documents / Resources

	<p>Mircom SGM-1004A Four Indicating Circuit Module [pdf] Owner's Manual SGM-1004A Four Indicating Circuit Module, SGM-1004A, Four Indicating Circuit Module, Indicating Circuit Module, Circuit Module</p>
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References

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