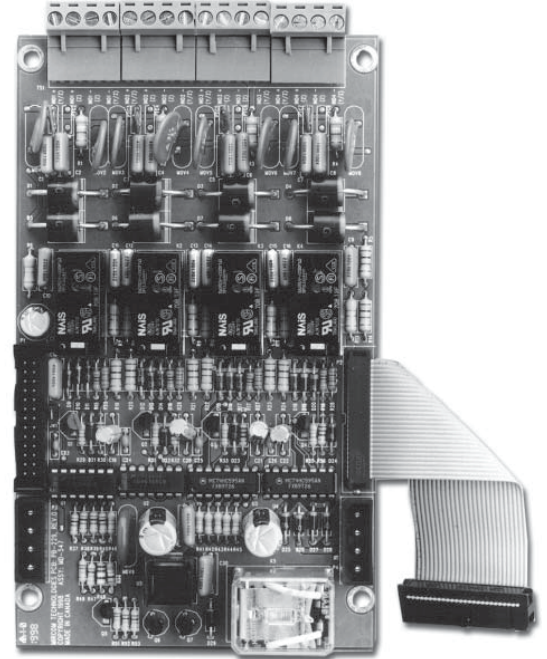




## SGM-1004A 4 Signal Adder Module

### Description:

The SGM-1004A is a 4 Indicating Zone Module used with the FX2000 Series Fire Alarm Panel providing 4 Class A/B (Style Z/Y) Indicating Circuits configurable as Silenceable or Non-Silenceable. Each Indicating Circuit is rated at 1.7 Amps. Each of the indicating circuits have individual LED indicator for status verification.



SGM-1004A

### Operation:

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 LED indicator. All circuits are power limited for use with limited energy cable. The SGM-1004A is jumper selectable for individual circuit signal silence.

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. Removable terminal blocks are provided for easy connection of field wiring and servicing.

### 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**
- **Programmable to any input circuit**
- **Extensive transient protection on all circuits**

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## Specifications:

<b>Normal Operating Current:</b>	Standby: .035A Alarm: .0150A
<b>Output Voltage:</b>	24VDC Unfiltered
<b>Temperature Range:</b>	0°C to 49°C (32°F to 120°F)
<b>Humidity:</b>	10% to 93% Noncondensing
<b>EOL Resistor:</b>	3.9K ohm ±5%, ½ W
<b>Weight:</b>	0.90 lbs 0.41 kg

**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.

## Ordering Information:

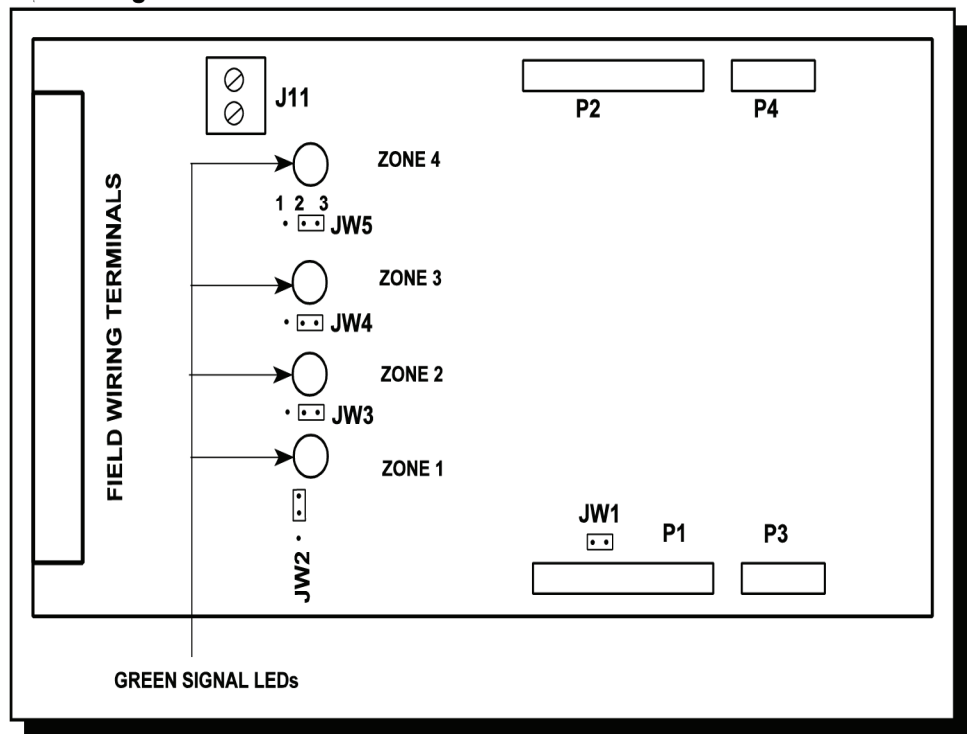
Model No.	Description
SGM-1004A	Four Class A/B (Style Z/Y) Indicating Circuit Module
SSGM1004	Data Specification Sheet

### 6.5 SIGNAL ADDER MODULE (Model SGM-1004(A))

- P2** Data Cable to P5 of Main Fire Alarm Module or to previous Adder Module.
- P1** Data Connector for next Adder Module.
- P4** Power Connector to P6 of Main Fire Alarm Module or to previous Adder Module.
- P3** Power Connector for next Adder Module.
- JW1** **Continuity Jumper** removed if there are any more **Adder Modules** installed.
- JW2** Jumper pins for Bell Cut or Isolators on Zone 1
- JW3** Jumper pins for Bell Cut or Isolators on Zone 2
- JW4** Jumper pins for Bell Cut or Isolators on Zone 3
- JW5** Jumper pins for Bell Cut or Isolators on Zone 4
- J11** Wire these terminals to a Bell Cut Relay, see LT-686

Jumper **JW6** on the Main Fire Alarm Module must be removed if there are any **Adder Modules** installed.

#### Signal Adder Module



The SGM-1004(A) requires 4 Display Points.

Specifications are provided for information only and are believed to be accurate. However, no responsibility is assumed by King-Fisher Company inc., for their use. Specifications subject to change without notice.