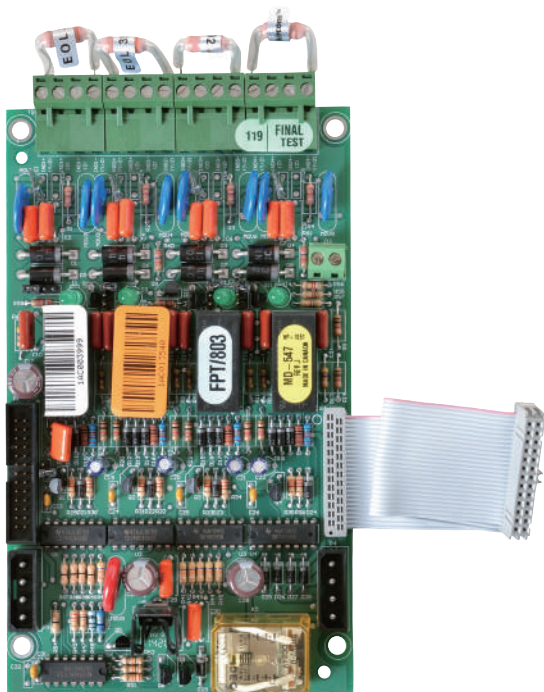




■ Description

The NK-SGM-4A Module provides the SPERA Series Fire Alarm Control panels with up to 4 Class A or B (Style Z or Y) Notification Appliance Circuits (NAC).

■ Applications

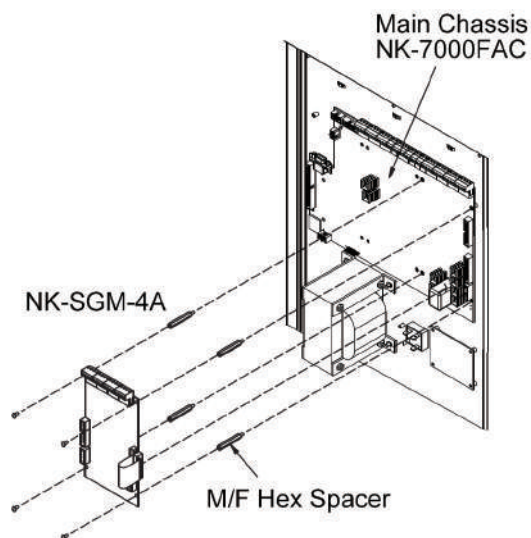
The NK-SGM-4A provides up to four NAC circuits each rated at 1.7 Amps to signal devices such as strobes, bells, horns, etc. Each of the NAC circuits can be configured as non-silenceable (steady) or silenceable. In addition each circuit comes with an individual trouble indicator. All circuits are power limited for use with limited energy cable. The NK-SGM-4A is jumper selectable for individual circuit signal silence. In addition it has terminals for a bell cut relay.

■ Features

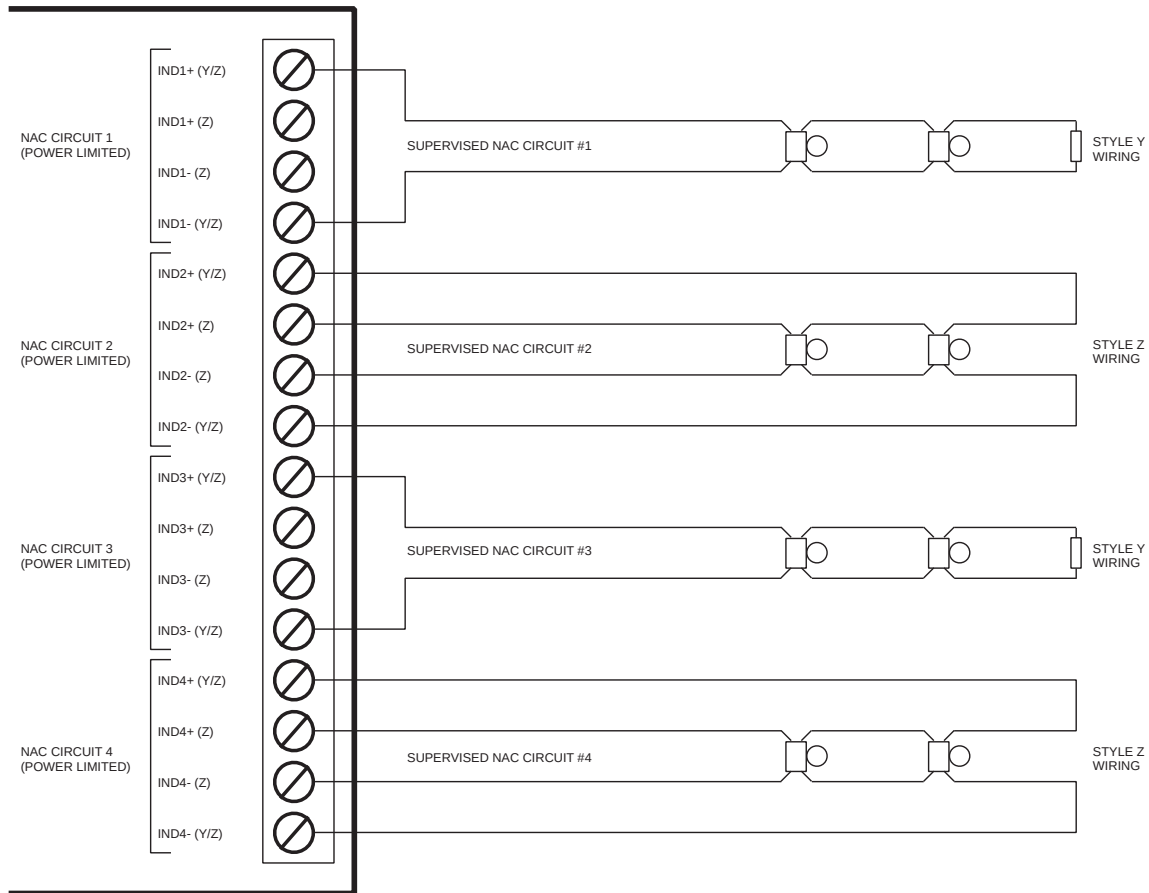
- Four Class A/B (Style Z/Y) NAC Circuits
- Each NAC Circuit is rated at 1.7 Amps
- Each NAC Circuit can be configured as Non-Silenceable (Steady) or Silenceable
- Outputs resound on subsequent alarm
- LEDs (Amber) provided for indication of NAC Circuit trouble
- Programable to any input circuit
- All 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
- Supplied with 4 Hex Spacers for mounting on the main chassis

■ Installation

The NK-SGM-4A 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 NAC zone description. Labels are provided with each chassis. Removable terminal blocks are provided for easy connection of field wiring and servicing.



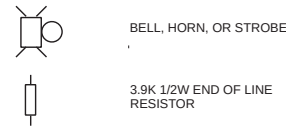
Typical Wiring Diagram



NOTES:

ALL POWER LIMITED CIRCUITS MUST USE TYPE FPL, FPLR, OR FPLP POWER LIMITED CABLE.
NK-SGM-4A NAC CIRCUITS ARE FULLY SUPERVISED AND RATED FOR 24 VDC UNFILTERED 1.70AMP MAX. THEY MUST BE WIRED AS SHOWN IN THE WIRING TABLES.

LEGEND:



Specifications

Specifications	NK-SGM-4A
Output Voltage	24 VDC Unfiltered
Output Current - Power Limited	1.7 A Max. per circuit
Current Consumption	Standby: 60 mA Alarm: 258 mA (excepting the current for signal devices)
End of Line Resistor	3.9K ohms $\pm 5\%$, $\frac{1}{2}$ W

Distributed By

All specifications are subject to change without any notice.
For more information, contact with NITTAN.

NITTAN

54-5, 1-chome, Sasazuka,
Shibuya-ku, Tokyo 151-8535, Japan
TEL: 81-3-5333-7021 FAX: 81-3-5333-8615