FEATURES

✓ LED indication
✓ FlashScan – 159 per loop
✓ Rotary Wheel for ease of addressing
✓ Supports compatible two-wire smoke detectors
✓ Supervises connection of external power source

PRODUCT DESCRIPTION

The SS-FZM1 Zone Module is used to monitor a zone of two-wire smoke detectors. The SS-FZM1 will operate in both CLIP and FlashScan modes.

The SS-FZM1 transmits the status (normal, open, or alarm) of one full zone of conventional detectors back to the control panel. All two-wire detectors being monitored must be compatible with the module.

The SS-FZM1 has a panel-controlled LED indicator and can be used to replace SSC-MMX2 modules in existing systems.

TECHNICAL SPECIFICATIONS

Nominal Operating Voltage	15 to 32Vdc
Maximum Current Draw	5.1mA (LED on)
Average Operating Current	300µA (1 communication and 1 LED flash every 5 seconds, 3.9k EOL)
EOL Resistance	3.9k Ohms
Temperature Range	0ºC to 49ºC
Humidity Range	10 to 93% non-condensing
Dimensions	118mm H x 110mm W x 35mm D
Mounting Box (SS-SMB500)	125mm H x 125mm W x 52mm D

APPROVALS

✓ SSL Approved
✓ ActivFire certified - Listing No. afp-1801
✓ SAI Global: Certificate No. SMKH25312

Note: Old Style FZM1 module can easily be determined by address wheel position. Old style, one on top of the other and new style are side by side. Old style modules must be upgraded if used with 2800/3030 panels.
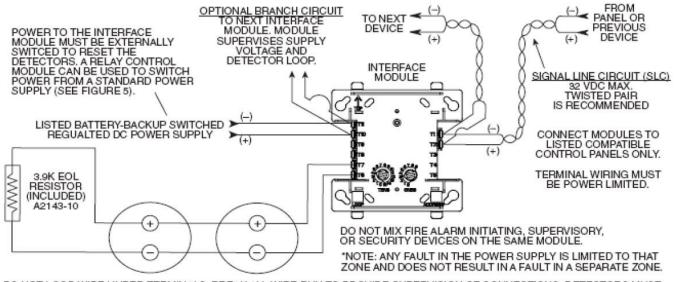
CONNECTION INFORMATION

POWER TO THE INTERFACE MODULE MUST BE EXTERNALLY SWITCED TO RESET THE DETECTORS. A RELAY CONTROL MODULE CAN BE USED TO SWITCH POWER FROM A STANDARD POWER SUPPLY (SEE FIGURE 5).

OPTIONAL BRANCH CIRCUIT TO NEXT INTERFACE MODULE. MODULE SUPERVISES SUPPLY VOLTAGE AND DETECTOR LOOP.

TO NEXT DEVICE

FROM PANEL OR PREVIOUS DEVICE

INTERFACE MODULE

LISTED BATTERY-BACKUP SWITCHED REGUALTED DC POWER SUPPLY

SIGNAL LINE CIRCUIT (SLC) 32 VDC MAX. TWISTED PAIR IS RECOMMENDED

CONNECT MODULES TO LISTED COMPATIBLE CONTROL PANELS ONLY.

3.9K EOL RESISTOR (INCLUDED) A2143-10

TERMINAL WIRING MUST BE POWER LIMITED.

DO NOT MIX FIRE ALARM INITIATING, SUPERVISORY, OR SECURITY DEVICES ON THE SAME MODULE.

*NOTE: ANY FAULT IN THE POWER SUPPLY IS LIMITED TO THAT ZONE AND DOES NOT RESULT IN A FAULT IN A SEPARATE ZONE.

DO NOT LOOP WIRE UNDER TERMINALS. BREAK ALL WIRE RUN TO PROVIDE SUPERVISION OF CONNECTIONS. DETECTORS MUST BE UL LISTED COMPATIBLE WITH MODULE. INSTALL DETECTORS PER MANUFACTURER'S INSTALLATION INSTRUCTIONS