



IZM-8 and IZE-A
Initiating Zone Modules

GENERAL

The IZM-8 Initiating Zone Module provides eight Style B (Class B) alarm initiating or supervisory circuits.

The IZE-A Initiating Zone Expander when used with the IZM-8 provides eight Style D (Class A) alarm initiating or supervisory circuits.

FEATURES

- Eight zones Style B (IZM-8) or Style D (IZM-8 & IZE-A).
- Powered loop allows the use of two wire smoke detector devices.
- Initiating circuits are power limited for use with limited energy cable.
- Alarm and Trouble LEDs are provided for individual annunciation of each zone.
- RED LEDs indicate Alarm condition or I/O Mapping.
- YELLOW LEDs indicate initiating circuit Trouble, circuit Disabled or System communication failure.
- LEDs flash for unacknowledged alarms or troubles and light steady after being acknowledged or silenced.
- A switch is provided for each circuit for "Display Program", "Circuit Enable/Disable", and "Module Programming" functions.

APPLICATIONS

The IZM-8 provides up to eight zones of Style B alarm initiating or supervisory devices, both powered and non-powered, such as pull stations, smoke detectors, waterflow devices, tamper switches, etc..

Adding the IZE-A to the IZM-8 provides Style D operation.

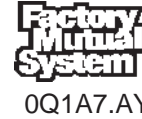
CONSTRUCTION

The IZM-8 consists of a panel mounted printed circuit card with an integral tactile-feel membrane switch. Windows in the membrane panel allow viewing the alarm and trouble LEDs. Slide in pockets allow the insertion of descriptive labels for the zones. Label windows are .875 inches high by .975 inches wide. Removable terminal blocks are provided for connection of field wiring.

The IZE-A consists of a printed circuit card which mounts behind the IZM-8 with hardware provided. Removable field wiring terminal blocks are included with the IZE-A.



California State Fire Marshal
 7165-028:144
 7170-028:154

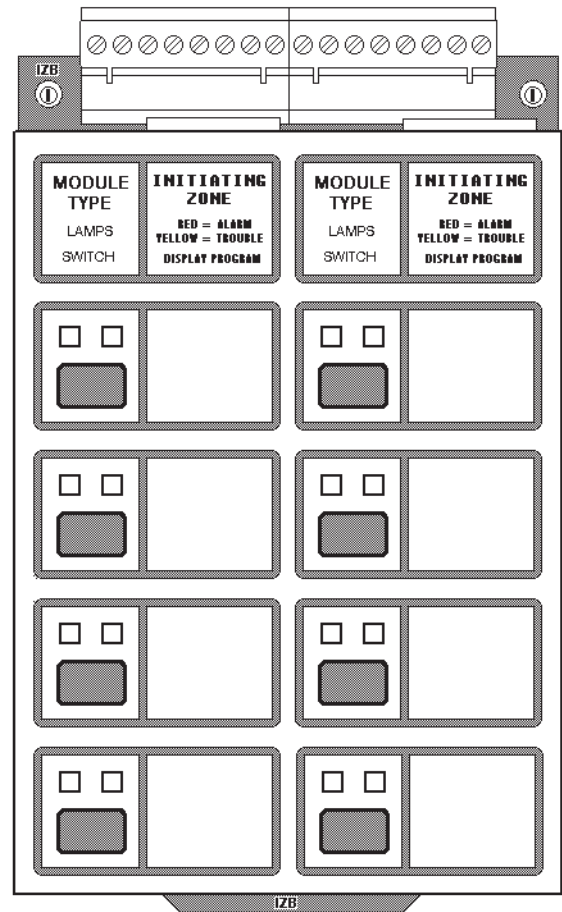


BSA
 578-81-SA




City of Chicago

MEA
 290-91-E



The Initiating Zone Module (IZM-8)

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This document is not intended to be used for installation purposes. We try to keep our product information up to date and accurate. We can't cover all specific applications or anticipate all requirements. All specifications are subject to change without notice. For more information, contact **NOTIFIER**.
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INSTALLATION

The IZE-A (if used) is mounted to the back of the IZM-8 with included hardware. The IZM-8 mounts in one module position of a CHS-4 Chassis using two captive screws. The 1st Row or Expander Ribbon cable connects the IZM-8 to the CPU-5000.

SPECIFICATIONS

[Applies to IZM-8 and IZE-A except as noted].

End of line device: ----- 4.7 K ohm, 1/2 watt resistor

Note: IZM-8 with IZE-A does not require an EOL device.

Loop voltage (standby): ----- 17 — 26.5 volts DC

Ripple: ----- 100 mV max

Maximum detector standby current: ----- 2.5 mA.

Maximum loop resistance: ----- 100 ohm

Maximum alarm impedance: ----- 1150 ohm

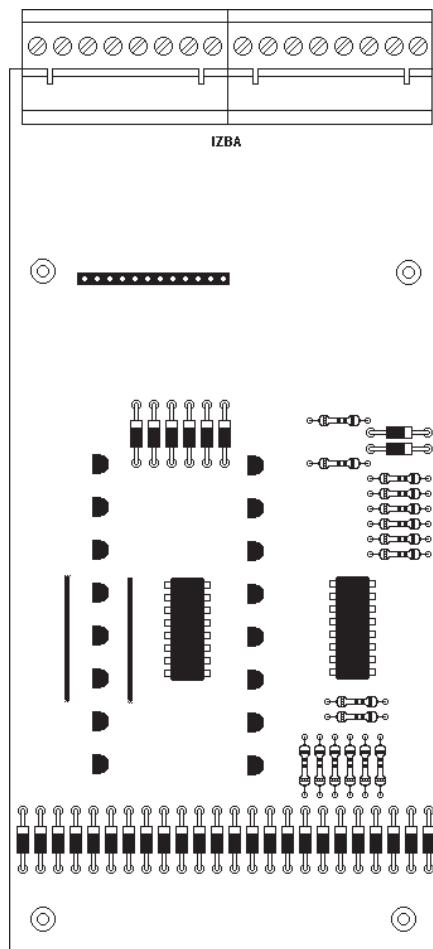
Maximum alarm impedance: ----- 400 ohm

Minimum voltage with minimum alarm impedance: ----- 10 VDC

Maximum alarm current available: ----- 45 mA

Standby current consumption IZM-8: ----- 47 mA

Standby current consumption IZE-A: ----- 4 mA



The Initiating Zone Expander (IZE-A)