

MS-4012 & MS-4024

Fire Alarm Control Panels

GENERAL

The **Fire•Lite** MS-4012/4024 Control Panel is a solid state, low voltage, supervised fire detection system. These four-zone panels include transient protection, walk test, and N.C. sprinkler supervisory circuitry with separate supervisory LED.

STANDARD FEATURES

- Four Style B (Class B) initiating zone circuits.
- Two Style Y (Class B) indicating (signal) circuits.
- Power-limited initiating and indicating circuits.
- Extensive transient protection.
- N. C. sprinkler supervisory circuit with separate supervisory LED.
- Disable switches per initiating circuit.
- Current-limited charger for sealed batteries.
- Expanded LED diagnostic section:
 - ✓ AC power.
 - ✓ System alarm.
 - ✓ Sprinkler supervisory.
 - ✓ System trouble.
 - ✓ Bell trouble.
 - ✓ Battery trouble.
 - ✓ Ground fault.
 - ✓ Walk test.
- NFPA 71 Central Station Signaling Systems.
- NFPA 72 Local, Auxiliary, Remote Station, and Proprietary Signaling Systems.
- **UL** File number S624.

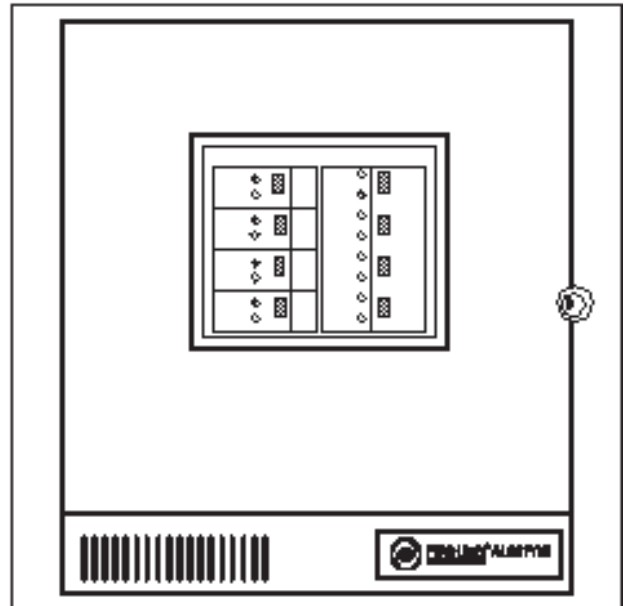
OPTIONAL FEATURES

- Transmitter Module (4012/4024 TM) with reverse polarity alarm and trouble outputs, supervised output for local energy type municipal box, and transmitter disable switch with indicator.
- General Alarm and Trouble Module (4012/4024 AT) that provides one Form-C general alarm contact with disable switch and one Form-C dry trouble contact with visual trouble indicator.
- Zone Relay Module (4012/4024 ZR) that provides Form-C dry alarm contact by zone, Form-A general alarm contact and one Form-C trouble contact.
- LED Annunciator Interface Module (4012/4024 LI) for use with a supervised remote zone annunciator (RZA-4).
- Waterflow alarm option locks disable switch on any zone when 4000WF is employed.



California
State Fire
Marshal
7165-075:130

BSA
578-81-SA



APPLICATIONS

The MS-4012/4024 fire alarm control panel is intended for use in commercial, industrial, and institutional buildings requiring up to four Style B (Class B) initiating zones.

CONSTRUCTION & OPERATION

Activation of a compatible two-wire detector or any normally open fire alarm initiating device will sound audible signaling devices and illuminate an indicating LED at the control panel.



Fire•LITE® Alarms
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SPECIFICATIONS

Physical:

Cabinet: 15 1/4" high x 14 3/4" wide x 2 7/8" deep.
(38.8 cm. high x 37.5 cm. wide x 7.3 cm. deep)

Electrical:

Input power to panel:

Voltage: 120 VAC, nominal @ 60 Hz..

Current draw: 1.2 amps., max..

Current output:

Current per zone for 2-wire smoke detectors: 2 mA..

Indicating (signal) circuit rated output: 2.5 amps. max.

General alarm relay contact [Form-C]: 2 amps. @ 30 VDC.

0.5 A @ 30 VAC.

Standby batteries (optional):

Voltage: 12 VDC nominal (MS-4012 only).

24 VDC nominal (MS-4024 only).

Type: Gelled electrolyte, 4 to 9 Ah.

Battery charger circuit:

Output current: Internally limited.

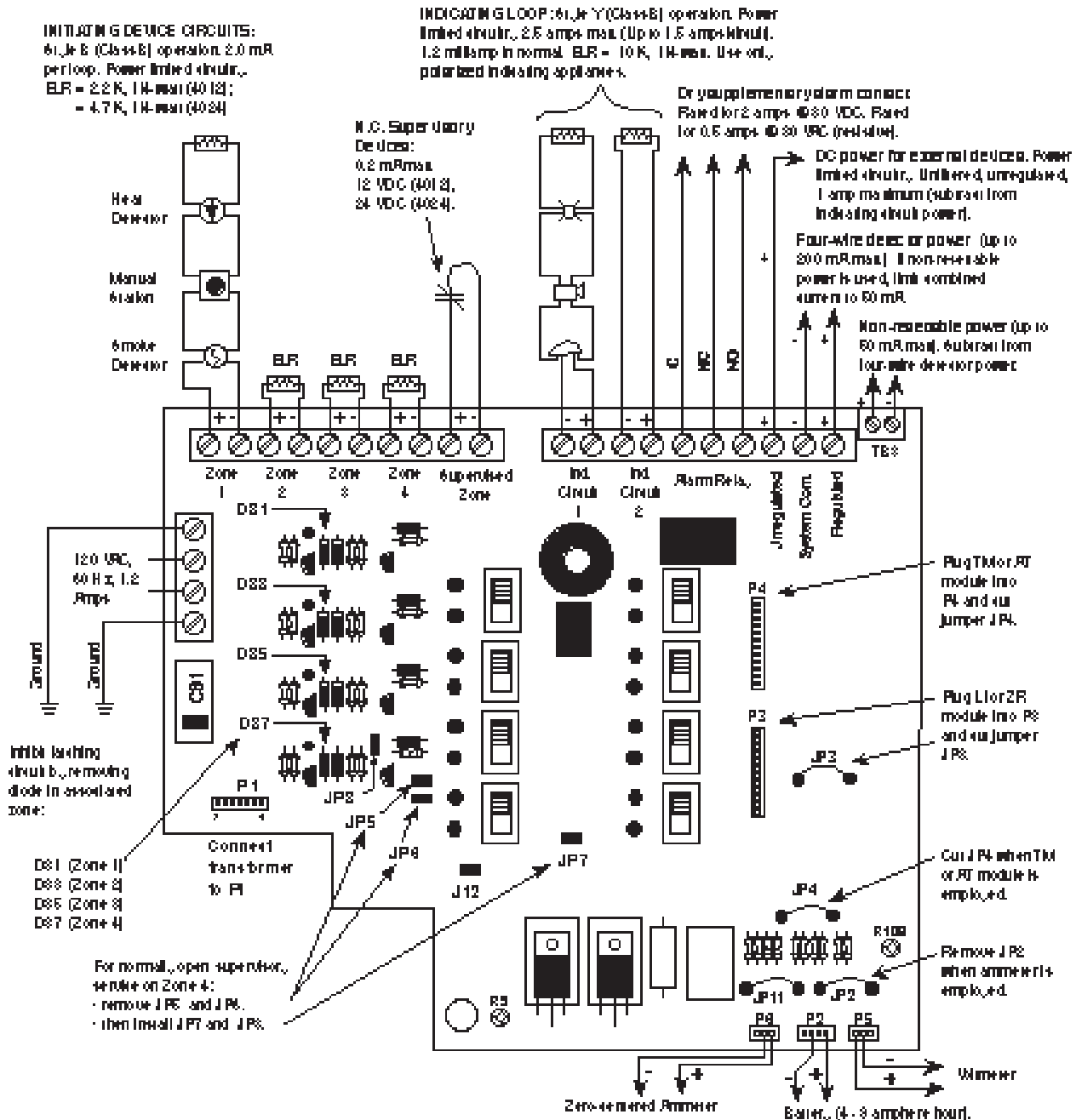
Capacity: 9 Ah max. (for 48 hour recharge period).

PRODUCT LINE INFORMATION

MS-4012 12 Volt Fire Alarm Control Panel.

MS-4024 24 Volt Fire Alarm Control Panel.

RZA-4 Remote Annunciator, 4 zones alarm.



We try to keep our product information up-to-date and accurate. We cannot cover specific applications or anticipate all requirements. All specifications are subject to change without notice. For more information,