

FIRE-LITE® Alarms

MS-9600 Basic System Connections

- Color Legend**
- (number) Installation Document Number
 - Operating Power
 - Communications Circuit
 - (text) Configuration Information

DC Power Outputs (24 VDC)

Supervise with a power supervision relay A77-716B

Nonresettable Power #2 - 24 VDC filtered, power-limited (3 amps max). Supervision required. Suitable for powering annunciators.

Nonresettable Power #1 - 24 VDC filtered, power-limited (3 amps max). Supervision required. Suitable for powering annunciators.

Resettable Power - 24 VDC filtered, power-limited (3 amps max) to smoke detectors (IDC). Supervision required.

24 VDC Notification Appliance Circuits

NAC #1
Style Y (shown)
3 amps max.
4.7K, 1/2W ELR

NAC #2
Style Z (shown)
3 amps max.

Form-C Relays

(Programmable Alarm & Trouble)

Contact Ratings:
2.0 amps @ 30 VDC (resistive)
0.5 amps @ 30 VAC (resistive)

Contacts shown below in normal condition (AC power with no alarm, trouble or supervisory activity).

A Fail Safe Trouble relay switches to the NO position during trouble conditions and under loss of all power.

ACS Mode

Power-limited, supervised

EIA-232

DB9F- For printing to an EDP-listed printer or uploading/downloading through a Personal Computer. 50-foot max within same room. (For connection to a 25-pin COM port, use DB9M to DB25F adapter)

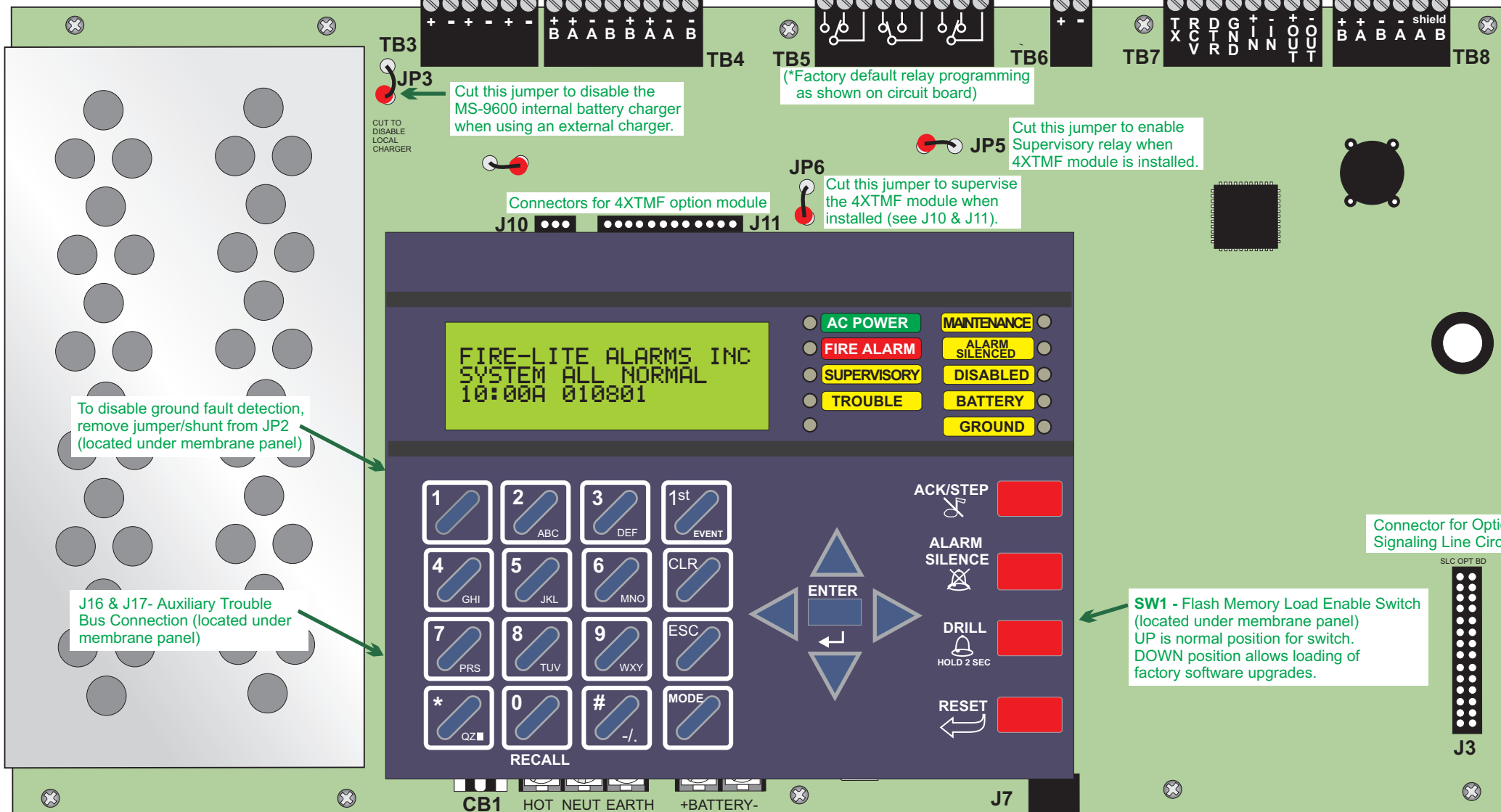
EIA-485 Terminal Mode

Power-limited, supervised

NFPA Style 4 SLCLoop

Refer to the SLC Wiring Manual, Document 51309, for detailed information on wiring intelligent devices and the SLC Loop for NFPA Style 4, 6 and 7.

NFPA Style 6 Return



Cut this jumper to disable the MS-9600 internal battery charger when using an external charger.

(*Factory default relay programming as shown on circuit board)

Cut this jumper to enable Supervisory relay when 4XTMF module is installed.

Connectors for 4XTMF option module

Cut this jumper to supervise the 4XTMF module when installed (see J10 & J11).

To disable ground fault detection, remove jumper/shunt from JP2 (located under membrane panel)

J16 & J17- Auxiliary Trouble Bus Connection (located under membrane panel)

SW1 - Flash Memory Load Enable Switch (located under membrane panel) UP is normal position for switch. DOWN position allows loading of factory software upgrades.

Connector for Optional 2nd Signaling Line Circuit Module

CAUTION! HIGH VOLTAGE

AC Power 120 VAC, 60 HZ, 3.2 amps
Battery 24 VDC, 25 Amp Hour maximum

PS2 Keyboard Interface

