



Detection Systems

130 Perinton Pkwy, Fairport, NY 14450 U.S.A.

DS9400

Detection Systems recommends testing the entire system at least once a week, and having a qualified technician check the system at a minimum of once every 6 months.

THIS PRODUCT COVERED
UNDER REFERENCE
GUIDE P/N 29428B.

- AC POWER3
- AC POWER
- NC
- AC POWER1

Warning: Before servicing, remove all power including the transformer, battery, and phone lines. A complete functional test is required after any programming.

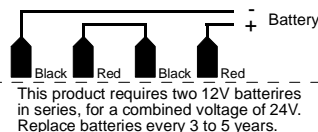
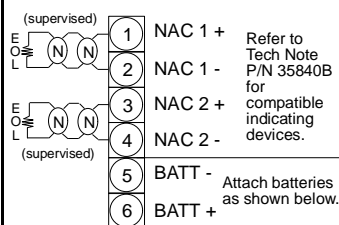
This system should be installed in accordance with the National Fire Alarm Code, ANSI/NFPA 72-1996, (NFPA, Batterymarch Park, Quincy MA 02269). Printed information describing proper installation, operation, testing, maintenance, repair service and response to an alarm is to be provided with this equipment.

This device complies with the Part 15, Subpart B, Class "A" of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause any harmful interference, and (2) this device must accept any interference received including interference that may cause undesired operation.

Compatible with Part 68, FCC Rules.
FCC Registration Number: ESVUSA-30728-AL-E
Ringer Equivalence: 0.1B

Suitable for use as a Central Station, Remote Station, and Local protected premises unit Fire Alarm control providing the following types of service: automatic, manual, and waterflow. Signaling types: non-coded.

Notification Appliance Circuits



Recommended Battery Manufacturers
POWER SONIC: PS-1270, PS-12170, PS-12180
YUASA: NP7-12, NPG18-12

Battery Capacity Min 7.0 Ah, Max 40.0 Ah
Charge Current 1.1 Amps, max

System is Power Limited
except for battery terminals and AC primary power.
All wiring entering this enclosure must be power limited.

| | Standby | Alarm |
|--------------------------|---------------|--------------|
| Max Load Currents | 1.25 A | 4.0 A |

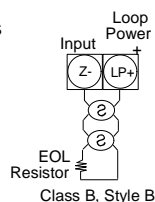
Max Current by Output not to exceed the max load currents listed above per column.

| | |
|--------------------|---------------|
| Aux Power | 1.0 A |
| Option Power (A+B) | 500 mA |
| NAC Outputs | 2.5 A |
| Smoke Power | 1.0 A |
| Loop Power + | 160 mA |

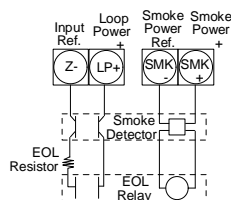
NOTE: Earth Grounds and Panel Grounds are Isolated.

2-Wire Smoke Detectors (supervised)

Use only U.L. Listed 2-Wire Compatible Smoke Detectors. Refer to the 2-Wire Compatibility Tech Note P/N 31142B.



4-Wire Smoke Detectors

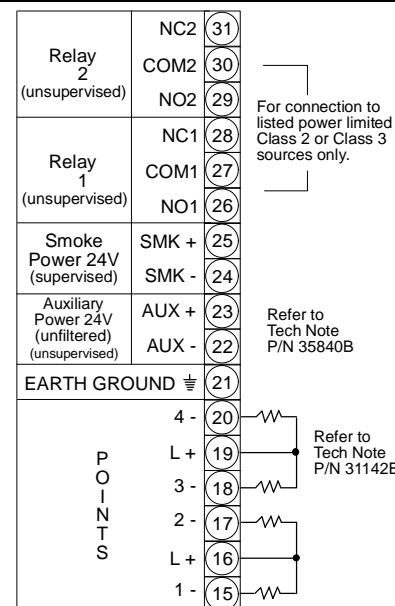
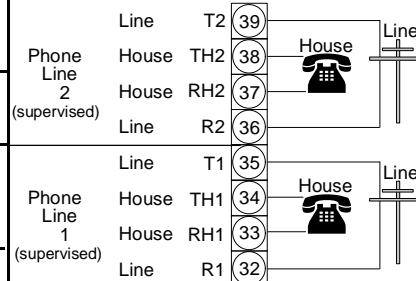
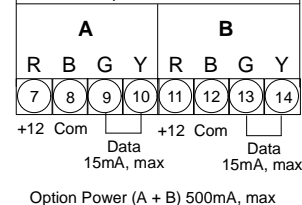


CAUTION: Incorrect connections may result in damage to the unit.

Shared cable is not recommended for option bus, telephone, or NAC wiring

supervised, Style 4

Option Busses



Points 1-4: (supervised) Points are identified for connection of Normally Open/Normally Closed alarm contacts. They may also be used for compatible 2-wire smoke detectors.

All End-of-Line resistors are P/N 25899, U.L. Listed.

Initiating devices are Class B, Style B.

DS9400 Wiring Label P/N 35842B