
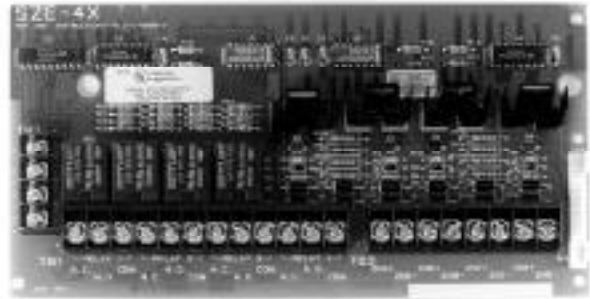


SZE-4X

Zone Expansion Module for SXL-EX

ENGINEER AND ARCHITECT SPECIFICATIONS

- Expands SXL-EX from 4 to 8 Zones, Style B (Class B)
- Zones Selectable as Alarm, Supervisory, Verified or Generic Input
- Programmable Output - 4 Open Collector, 4 Dry Contact Relays
- 30 Smoke Detectors per Zone
-  Listed, ULC Listed
- CSFM and NYMEA Approved



Introduction

The Cerberus Pyrotronics SXL-EX is another in a family of products designed to provide cost effective, reliable life safety equipment to the fire alarm market. The Model SZE-4X expands the base SXL-EX from 4 to 8 zones, the maximum capacity of the system. The SZE-4X is UL, ULC listed.

Description and Features

Initiating Circuits

The SZE-4X has four conventional, Style B (Class B) zones which are compatible with the PE-11 smoke detector, the DI-3 ionization detector, Cerberus Pyrotronics' thermal, flame and beam detectors and the MS Series of manual stations. (Please refer to the detector compatibility list in the wiring diagram for specific compatibility questions).

Any combination of 30 smoke detectors can be combined on a zone. Any number of thermal detectors, manual stations or other compatible direct shorting devices may be connected to each zone. All of these initiating devices can be mixed on the same zone providing the total power requirement of the zone does not exceed 9 mA supervisory current. The SXL-EX has additional capacity to support detector accessories such as relays, remote alarm lamps and audible bases.

Initiating zones can be programmed for many functions. Alarm verification allows detector application in sensitive areas with or without manual stations mixed on the zone as allowed by code. Manual station operation shall not be delayed on verified zones. Generic zone function allows the NAC's in the SXL-EX to follow the action of a master fire alarm panel in the facility.

Initiating zones can also be bypassed as required, for example, during construction on the premises.

Relays and Outputs

The base SXL-EX has four "C" relays for general alarm and trouble rated at 1 Amp., 30 VDC. The model SZE-4X expander module has an additional four general purpose, form "C" programmable relays rated at 2 Amps., 30 VDC resistive only, plus four programmable open collector outputs.

Field Programmability and Test Functions

The following functions are field programmable in the SXL-EX. These features are generally not programmed in the unit as received from the factory. Field programming is accomplished through the display and does not require the use of a computer or any proprietary tools.

Initiating Circuit Types:

Alarm Verification by Zone, Zone Bypass, Supervisory Zone or Generic Zone when the SXL-EX is to be used to provide remote notification appliance circuits.

(Note: The default mode is an alarm causing zone.)

Notification Appliance Circuit Programming Options:
 Non-Silenceable, Simple Zone Coding, March Time,
 Temporal, California Uniform Fire Code, Silence Inhibit,
 Cutoff Timers and Reminders.

(Note: The default mode is a steady signal.)

Output Control Options:
 Bypass Outputs/Relays.

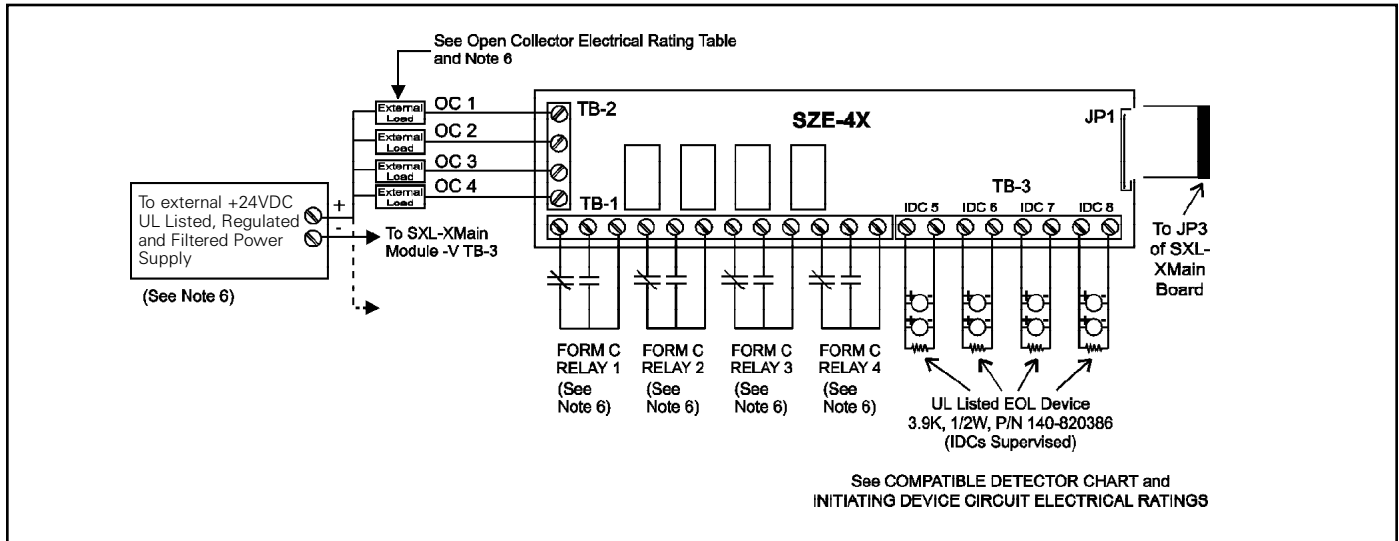
System Programming Options:
 Zone to Output Matrix and Password Maintenance.

System test features include the One Person Test
 feature, a Lamp Test and Search and Clear of the Alarm,
 trouble and supervisory history buffer. While in the test
 mode, the system is capable of receiving and initiating
 alarms except for those zones under test or bypass.

Ordering Information

Model Number: SZE-4X
Part Number: 500-696006
Description: 4-Zone Expander Module-SXL-EX
 w/ Outputs

SZE-4X Connection Diagram



Note: See SXL-EX Operation, Installation and Maintenance Manual, P/N
 315-095999.