

E-SDS-PA

SMOKE DETECTION SENSOR

Installation Instruction



The E-SDS-PA is a smoke detection sensor intended for connection to an NTI E-MINI or E-MINI-LXO (ENVIROMUX) for use in detecting smoke in a server cabinet environment. When properly connected, the E-SDS-PA will provide signals to the ENVIROMUX that with proper configuration will result in alert messages being sent to the administrator of the ENVIROMUX. The E-SDS-PA has screw terminals for easy user connections and includes a 12VDC AC adapter.

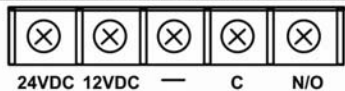
Installation

1. Connect two 18-22 awg wires (not supplied) from any set of dry contacts (see below) on the E-MINI (set 1, 2, 3, or 4) or "Digital In" terminals on the E-MINI-LXO (sets 1-5).
2. Connect the other end of those two wires to the switch terminals "C" and "N/O" on the smoke detection sensor.
3. Connect the AC adapter wire labeled "PLUS 12" to the terminal marked "12VDC" on the smoke detection sensor.

Note: DO NOT connect to the terminal labeled "24VDC".

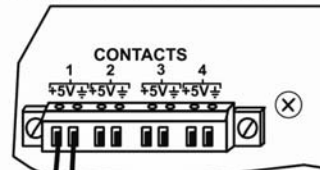
4. Connect the AC adapter wire labeled "NEG" to the terminal labeled "-" (negative) on the smoke detection sensor.
5. Be sure to tighten terminals to secure each conductor to the terminal block.
6. Mount the E-SDS-PA where smoke detection is desired.

VIEW OF TERMINAL BLOCK ON REAR OF E-SDS-PA

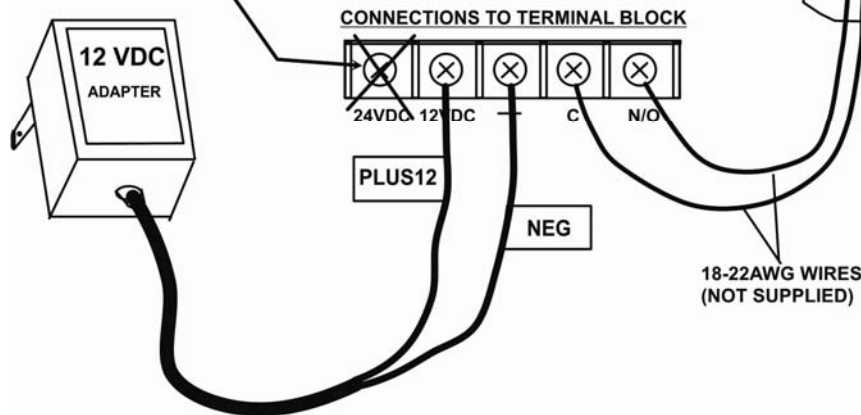


DO NOT CONNECT THE AC ADAPTER TO THE 24VDC TERMINAL.

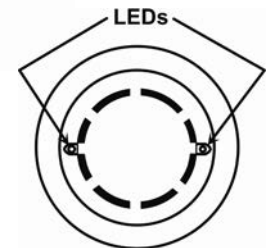
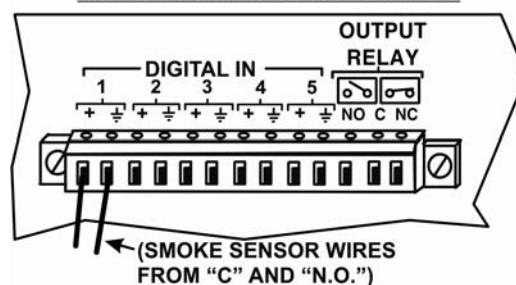
VIEW OF DRY CONTACTS ON E-MINI



CONNECT THE SMOKE SENSOR "C" AND "N/O" TERMINALS TO ANY SET OF DRY CONTACTS ON THE E-MINI (1-4)



VIEW OF TERMINALS ON E-MINI-LXO



Top View of E-SDS-PA

Operation

1. Connect the AC adapter to a 120VAC power source. The LEDs on the E-SDS-PA will illuminate green to indicate the sensor is functioning and in status-ready condition. The LEDs will illuminate red when smoke is detected.
2. Configure the ENVIROMUX to report signals from the connected dry contact sensor as smoke detection sensor alerts. (Refer to ENVIROMUX manual for details on configuration- see also example on next page.) When smoke is detected, the switch terminals on the E-SDS-PA will close to generate an alert message from the ENVIROMUX.

For maintenance and testing instruction, see the instructions that are included from the sensor manufacturer with this kit.

Dry Contact Sensor Configuration

Name:

Thresholds Alert when: <input type="text" value="Closed"/>	Alert Timing Alert hysteresis: <input type="text" value="5"/> seconds Notify again after: <input type="text" value="1"/> hours	<input checked="" type="checkbox"/> Notify on return to normal
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E-mail
Notify addresses:

(separate by commas, max 112 characters)

SNMP
Notify address:

Syslog
Notify address:

Alert Methods

Message to send with alerts (optional):

(max 160 characters)

Disable alerts for this sensor

Example of sensor configuration in E-MINI

Digital Input Configuration

Digital Input Settings

Description	<input type="text" value="Smoke Detector"/> <small>Descriptive name for the digital input</small>
Group	<input type="text" value="1"/> <small>Select which group the digital input belongs to</small>
Normal Status	<input type="text" value="Open"/> <small>Select the normal status for the digital input</small>
Refresh Rate	<input type="text" value="20"/> <input type="text" value="Sec"/> <small>The refresh rate at which the digital input view is updated</small>

Alert Settings

Data Logging

Alert Simulation

Example of sensor configuration in E-MINI-LXO

Warranty Information

The warranty period on this product (parts and labor) is two (2) years from the date of purchase. Please contact Network Technologies Inc at **(800) 742-8324** (800-RGB-TECH) or **(330) 562-7070** or visit our website at <http://www.networktechinc.com> for information regarding repairs and/or returns. A return authorization number is required for all repairs/returns.

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CHANGES

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