

LCD-E3

LCD-E3 Keypad Display

The LCD-E3 is the keypad display used for the E3 Series System.

GENERAL

The LCD-E3 (Liquid Crystal Display) is the main panel's, keypad display for the E3 Series® Expandable Emergency Evacuation System. It includes indicating LEDs and operating switches. Up to six LCD-E3 displays may be located locally or remotely from the fire alarm control panel via a local RS-485 bus and connect to the following modules:

- E3 Series control panel
- S3 Series control panel
- ILI-MB-E3/ILI95-MB-E3
- SLP-E3 (Smart Loop Panel)

The LCD-E3 includes an LCD display for the system status and the following Switches and LED indicators:

Switches	LED Indicators
Alarm Acknowledge	AC Power On (green)
System Reset/Lamp Test	Alarm (red)
Signal Silence	Supervisory (yellow)
Trouble Acknowledge	System Trouble (yellow)
12 button keypad	Power Fault (yellow)
	System Silenced (yellow)

Function buttons:

Ground Fault (yellow)
Menu/Back
Back Space/Edit
OK

Installation Options

The LCD-E3 is adaptable for installation in any of the following E3 Series System cabinets:

Cabinets	Part Number
"A" Size Cabinet, Inner Door	E3ID2-A
"A2" Flush Cabinet	E3BB-FLUSH-LCD
"A2" Size Cabinet, Inner Door	E3ID2-A2
"B" Size Cabinet, Inner Door	E3ID2-B
B-Slim Cabinet, Outer Door	E3BB-RBSLIM
7200 B Retrofit, Inner Door	7200-B-Retrofits
IF600 Retrofit, Outer Door	IF600-RETROFIT
"C" size Cabinet, Inner Door	E3ID2-C
600XL Retrofit, Inner Door	600XL-7200 C Retrofit, Inner Door
7200-C-RETROFIT	"D" Size Cabinet, Inner Door
"D" Size Cabinet, Inner Door	E3ID2-D

ORDERING INFORMATION

LCD-E3: LCD keypad display



LCD-E3

FEATURES AND BENEFITS

- Listed under UL Standard 864, 10th Edition
- Provides an 80-character display of system events together with indicating LEDs and control switches
- Offers a legible backlit LED display, with low power consumption
- Up to six LCD-E3 displays, any or all of which, may be remotely located via the RS-485 Serial interface can be supported by the following modules:
 - E3 Series
 - ILI-MB-E3
 - ILI95-MB-E3
 - S3 Series
 - SLP-E3
- The E3 Series, ILI-MB-E3/ILI95-MB-E3 or S3 Series, SLP can support up to six LCD-E3 displays, any or all of which may be remotely located via the RS-485 serial interface

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LCD-E3 TECHNICAL SPECIFICATIONS

SYSTEM

Operating Voltage: 24 VDC FWR (from PM-9 power supply)

Operating Current: 0.024 amp

Alarm Current: 0.028 amp

Operating Temperature: 32° to 120° F (0° to 49° C)

Relative Humidity: 0 to 93%, non-condensing at 90° F (32° C)

TEMPERATURE AND HUMIDITY RANGES

This system meets NFPA requirements for operation at 0 – 49°C/32 – 120°F and at a relative humidity 93% ± 2% RH (noncondensing) at 32°C ± 2°C (90°F ± 3°F). However, the useful life of the system's standby batteries and the electronic components may be adversely affected by extreme temperature ranges and humidity. Therefore, it is recommended that this system and its peripherals be installed in an environment with a normal room temperature of 15 – 27°C/60 – 80°F.

STANDARDS

The LCD-E3 is designed to comply with the following standard:

UL Standard: UL 864, 10th Edition

AGENCY LISTINGS AND APPROVALS

These listings and approvals apply to the modules specified in this document. In some cases, certain modules or applications may not be listed by certain approval agencies, or listing may be in process. Consult the factory for the latest listing status.

UL Listed: S1869

UL 864, 10th Edition

FM Approved: 3025415

MEA FDNY: COA# 6077

CSFM: 7165-1703-0125

City of Chicago: Class 1, Class 2 and High Rise

City of Denver

ISO 9001 Certification

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This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice.

Country of origin: U.S.A.

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