

EST3 LCD Display

AS4428.1 Compliant
3-LCD-AU
3-LCD-AU2



Overview

The 3-LCD-AU series is the primary user interface in the EST3 Life Safety System and is designed to meet AS4428.1 standards for Fire Fighter's Facility, to comply with Australian and New Zealand requirements. The main display interface focuses on the emergency user by putting information important to the user up front. Arriving at the panel (and without opening the door) the first and last event of the highest priority alarm is given. Simple to understand lights and switches help the emergency user execute system commands with confidence.

A menu system supports maintenance functions such as isolations or reports for use by staff or service personnel. The 3-LCD-AU series easily mounts on the EST3 CPU panel support brackets and is connected via a ribbon cable. The 3-LCD-AU (small LCD display) requires 2 local rail module slots and must be accompanied by a 3-12/S1RY display control module (ordered separately) to be compliant with AS4428.1. The 3-LCD-AU2 (large LCD display) requires 4 local rail module slots. Only one LCD display is required to provide point of control for an entire network. Additional displays can be added to any panel located throughout the network, providing additional points of control and/or annunciation. The display provides a 64-pixel by 128-pixel, backlit liquid crystal display for displaying text.

LEDs are provided for: power on, ground fault, CPU fail, power supply fault, and battery fault indication. Switches are provided for reset, isolate, external bell isolate, warning system isolate, and acknowledge functions.

The 'Previous Queue' and 'Next Queue' switches scroll the LCD display to one of the four queues: alarm, fault, isolate, and other.

'Next' and 'Previous' message switches scroll through the selected message queue. The 'Details' switch provides additional information for the currently selected device. The 'Command Menu' switch displays the main menu. The display is also equipped with a 10-digit numeric keypad with 'Enter' and 'Backspace' keys.

Standard Features

- Tested and approved to AS4428.1 and to comply with AS1670.1
- Uses simple lights and switches
- Displays information important to the user
- Always displays the last and first event of the highest priority alarm.
- Uses queues to sort events for quick response. A queue is a list of messages Alarm, Supervisory, Trouble and Monitor,

