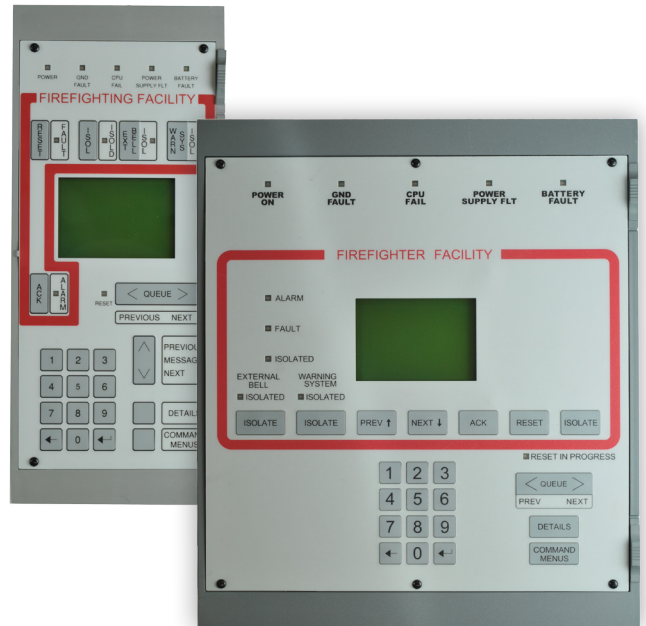


EST3 LCD Display

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,

Australia & New Zealand

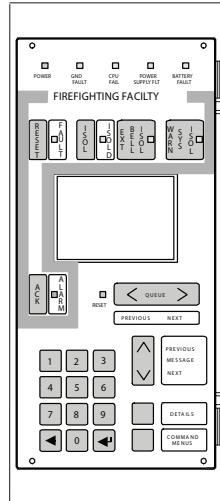
Phone: 1800 672 171
 Outside Australia: +61 3 9518 5588
 Email: cs@firesecurityproducts.zendesk.com
 Web: www.kidde.com.au

Head Office

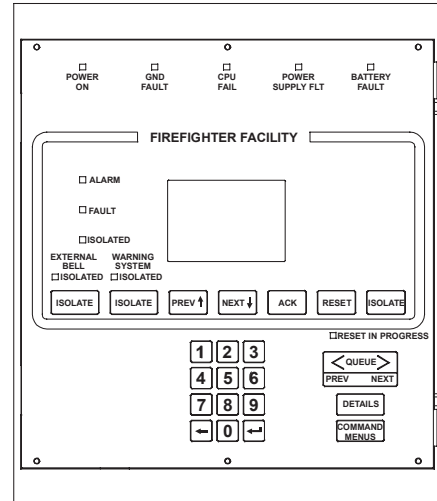
10 Ferntree Place
 Notting Hill, Victoria 3168
 Australia

© 2022 Carrier. All rights reserved.
 Kidde Australia is a Carrier company.

3-LCD-AU
 Screen & Button Layout



3-LCD-AU2
 Screen & Button Layout



Specifications

LCD display:	
Screen size	Backlit liquid crystal display, 64 x 128 pixels
Operator Controls	
	Reset switch Isolate switch Extinguish Bell Isolate switch Warning System Isolate switch Acknowledge switch Previous and Next Queue switches Previous and Next Message switches 10-digit keypad with Enter and Backspace keys Details switch Command Menus switch
Power	
When connected to: 3-CPU1 3-CPU3	Stand By Current: 53 mA, Alarm Current: 53 mA Stand By Current: 38 mA, Alarm Current: 38 mA
Indicators	
LED Status: Green/Yellow/Red	Power: Green LED Ground Fault: Yellow LED CPU Failure: Yellow LED Power Supply Fault: Yellow LED Battery Fault: Yellow LED Fault: Yellow LED Isolated: Yellow LED Extinguish Bell Isolate: Yellow LED, integrated with Extinguish Bell Isolate switch Warning System Isolate: Yellow LED, integrated with Warning System Isolate switch Alarm: Red LED Reset: Yellow LED
Operating Environment	
Temperature:	-10 to 55 °C
Humidity:	93% RH, noncondensing
Regulatory Compliance	
	ACMA C-Tick for Australia and New Zealand Australian Standards AS4428.1

Ordering Details

Part Number	Description
3-LCD-AU	Small LCD Display (Australia / New Zealand Version)
3-LCD-AU2	Large LCD Display (Australia / New Zealand Version)
Options	
3-12/S1RY	Module required for AS4428.1 compliance with 3-LCD-AU small LCD display