FN-LCD-N - LCD NETWORK ANNUNCIATOR

STANDARD FEATURES

- UL 864 9th Edition Listed

- 320 character liquid crystal display (8 line x 40 character)

- LED indicators for Fire, Supervisory Alarm, Pre-Alarm, Fire Output Active, Power On, On Test, Panel Sounder Silenced, Delay Active, More Events, Point Bypassed, General Trouble, Power Trouble, System Trouble & NAC Trouble

- Dual RS485 ports for primary fire network

- RS485 slave bus for expansion - up to 32 FN-4127-IO boards or up to 15 FN-LCD-S serial annunciators and up to 17 FN-4127-IO boards

- 2 built-in RS-232 interfaces for programming via a PC and serial printer interface

- 4 on board programmable Form C relays rated at 1 Amp at 30VDC (Fire, Supervisory, Trouble & Auxiliary)

- Same controls as the FireNET® fire panel (Reset, Panel Sounder Silence, Lamp Test, Alarm Silence, Re-sound Alarm, Fire Drill, Programmable Function, More Events, More Fire Events, Enter & Exit)

- Local piezo sounder for event notification

- Supports user codes & firefighter key to enable access & controls

- Powered by FireNET® Aux 24VDC or UL fire listed Aux. 24VDC supply

- Available in red or gray, and can be surface or flush mounted (using trim ring)

- True network annunciator, any or all panels can be routed to the FN-LCD-N. In addition, each event category can be individually routed to the FN-LCD-N

- Up to (64) FireNET® panels & FN-LCD-N's can be networked together in any combination

- 500mA of auxiliary power available rated at 24VDC

- Auto-learn feature

- Built-in help & alarm information screens

- Fire drill function

- Each FN-LCD-N is completely independent

- The FN-LCD-N can be configured to remote reset, silence, resound, any or all panels on the network in any combination

DESCRIPTION

The FN-LCD-N type LCD network annunciator is designed to be used with the FireNET® analog addressable system. It allows for remote access, monitoring, and control of the FireNET® system throughout the building.

The FN-LCD-N is a true network annunciator that can access, monitor, and control any or all FireNET® panels in the network. Each FN-LCD-N is completely independent. The highly intuitive user interface and 320 character LCD display of the FN-LCD-N is exactly the same as the FireNET® panel. In addition to routing any panel in the network to the FN-LCD-N, every event category within each panel can also be individually routed, as well as routing of all remote control functions (reset, alarm silence, re-sound alarm) from individual panels. The FN-LCD-N supports the same RS485 expansion port as the FireNET® panel, allowing for FireNET® expansion boards and accessories to be connected to the network annunciator.

The FN-LCD-N also has (4) output relays for fire, supervisory, trouble & auxiliary. The relays are programmable (except supervisory).

Security is established by the use of a password or firefighters enable key. Designed to be aesthetically pleasing, the FN-LCD-N is available in red or gray and can be surface or flush mounted using a standard trim ring kit.

PRODUCT LISTINGS

SIGNALING

UL LISTED S5694

UL 864, NFPA 70 & 72: Signaling Device

California State Fire Marshal 7120-0410:0165

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ISO 9001:2015 CERTIFIED

Find latest revision at **www.hochiki.com**

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SPECIFICATIONS

Input DC	24 VDC @ 270mA Max. (+ Aux. Power Load)
Aux. Output DC	24 VDC @ 500mA
Dimensions	14.5" W x 12.2" H x 3.4" D
Weight	9.4 lbs
Color	Red (optional gray)
Material	ABS/steel enclosure
Operating Temperature	32° F (0° C) 120° F (49° C)
Relative Humidity	85% RH Non-Condensing
Display	8 line x 40 character LCD (320 characters total)
Network	Dual RS485 ports (64 nodes max.)
Relay Outputs	(4) From C 1amp @ 30 VDC
PC Port	RS232
Printer Port	RS232
Expansion Port	RS232

ENGINEERING SPECIFICATION

The contractor shall furnish and install where indicated on the plans, the network annunciator model FN-LCD-N. The FN-LCD-N connects to the FireNET® fire alarm control panel (FACP) network. The network annunciator is capable of annunciating on its 320 character display and local buzzer, the condition of any FireNET® FACP or network annunciator on the network. Up to 64 FN-LCD-N network annunciators or FireNET® FACP's may be connected together on the network. The FN-LCD-N is UL Listed, and has surface or flush mount capability.

WIRING DIAGRAM