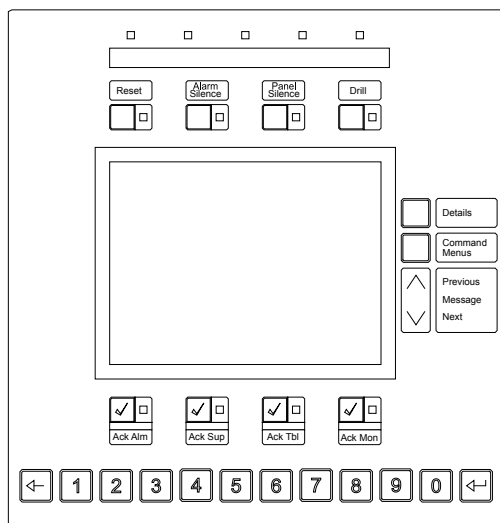


3-LCDXL1 Main LCD Display Module Installation Sheet



Description

The 3-LCDXL1 Main LCD Display Module provides the controls and indicators that make up the system user interface.

At least one LCD module is required to provide a point of control for an entire network. Additional LCD modules can be installed to provide multiple points of control at other locations throughout the protected premises.

The 3-LCDXL1 module mounts on a 3-CPUx module or on a 3-ANNCPUx module and occupies four LRM spaces on the panel's operator layer.

Installation

The instructions below are for new installations on a 3-CPU3 module. Instructions for installing a 3-LCDXL1 module on a 3-ANNCPU3 are similar.

If you are replacing an existing 3-LCDXL1 module (one with slide locks), you must remove the display mounting brackets and the rail fasteners on the 3-CPUx module or the 3-ANNCPUx module, and on the rail module installed in slot 4 before proceeding.

You must install a 3-LDSM or other rail module in slot 4 to provide support for the 3-LCDXL1 module.

When installing a 3-LCDXL1 module in a 4ANN, 6ANN, or 10ANN remote annunciator cabinet, use a 3-LCDXL1KBL ribbon cable (ordered separately) to connect the display to the first control module.

To install the 3-LCDXL1 module:

1. Insert the display mounting brackets into the 3-CPU3 module. See Figure 1.
2. Plug the 3-CPU3 module into the rail and then push the plungers to lock the 3-CPU3 module into place. See Figure 2.

3. Position the 3-LCDXL1 module in its fully open position, align the hinge pins with the hinges on the left display mounting brackets, and then gently set the 3-LCDXL1 module onto the brackets. See Figure 3.
4. Connect the ribbon cable on the 3-LCDXL1 module to J1 on the 3-CPU3 module.
5. Connect the ground cable on the 3-LCDXL1 module to the two-pin header on the 3-CPU3 module (Figure 3).
6. Snap the ferrite clamp (P/N 1260030) provided around the ground cable approximately 0.5 in. (13 mm) away from the two-pin header. Make sure the cable is lying flat across the clamp before closing it.
7. Verify that the 3-LCDXL1 module can open and shut without interference.

Figure 1: Installing the display mounting brackets

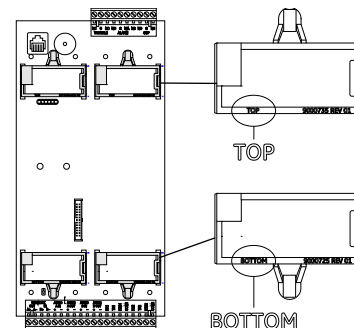
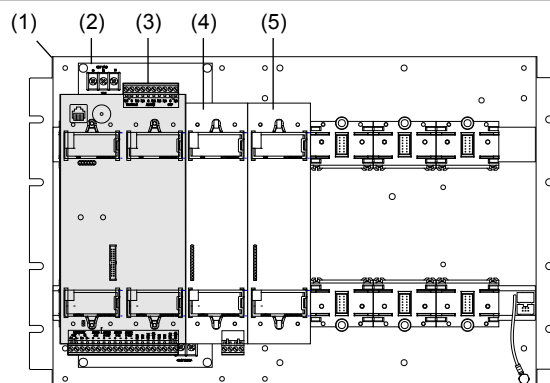
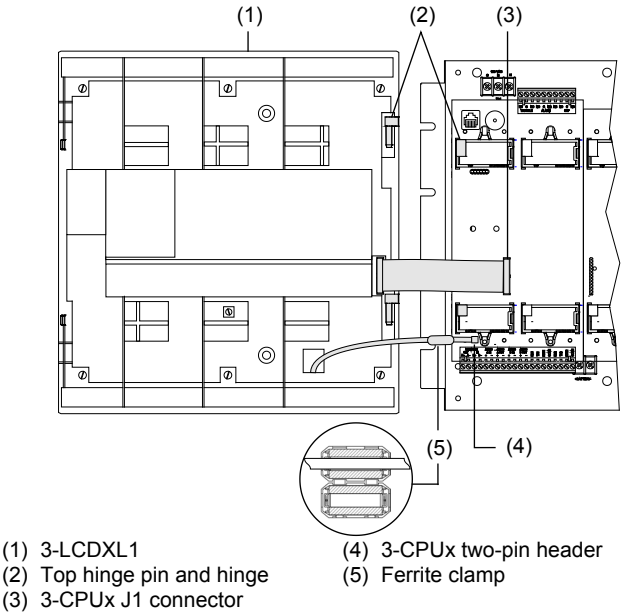


Figure 2: Mounting the 3-CPUx



- | | |
|--------------------------|---------------------------------------|
| (1) 3-CHAS7 | (4) Primary power supply monitor card |
| (2) Primary power supply | (5) 3-LDSM or other rail module |
| (3) 3-CPU3 | |

Figure 3: installing the 3-LCDXL1



Specifications

Voltage	24 VDC
Current	
Standby	48 mA at 24 VDC
Alarm	50 mA at 24 VDC
Rail requirements	Four slots on the operator layer
LCD display	240 x 320 pixels, backlit, 24 lines of 40 characters
Indicators	Power: Green LED Test: Yellow LED CPU Failure: Yellow LED Ground Fault: Yellow LED Disable: Yellow LED Reset: Yellow LED, integrated with Reset switch Alarm Silence: Yellow LED, integrated with Alarm Silence switch Panel Silence: Yellow LED, integrated with Panel Silence switch Drill: Yellow LED, integrated with Drill switch Ack Alm (Alarm): Red LED Ack Sup (Supervisory): Yellow LED Ack Tbl (Trouble): Yellow LED Ack Mon (Monitor): Yellow LED
Operator controls	Reset switch Alarm Silence switch Panel Silence switch Drill switch Ack Alm: Alarm event acknowledge switch Ack Sup: Supervisory event acknowledge switch Ack Tbl: Trouble event acknowledge switch Ack Mon: Monitor event acknowledge switch Message scroll switches 10-digit keypad with Enter and Delete keys Details switch Command Menus switch
Compatible CPU models	3-CPU, 3-CPU1, 3-ANNCPU1 (legacy/retrofit only) 3-CPU3, 3-ANNCPU3
Compatible CPU firmware	Version 3.61 or later
Operating environment	
Temperature	32 to 120°F (0 to 49°C)
Relative humidity	0 to 93% noncondensing

Regulatory information

North American standards	UL 864 9th edition and later
FCC compliance	This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
Environmental class	UL: Indoor dry

Contact information

For contact information, see www.edwardsfiresafety.com.