

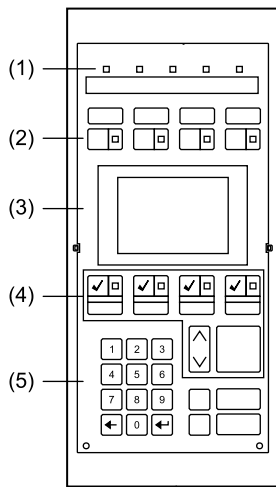


3-LCD Main LCD Display Module Installation Sheet

Description

The 3-LCD Main LCD Display Module provides the controls and indicators that make up the system user interface. See Figure 1.

Figure 1: 3-LCD Main LCD Display Module



- | | |
|------------------------------|----------------------------|
| (1) System status indicators | (4) Event message controls |
| (2) Common controls | (5) Keypad |
| (3) Display | |

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

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

Installation

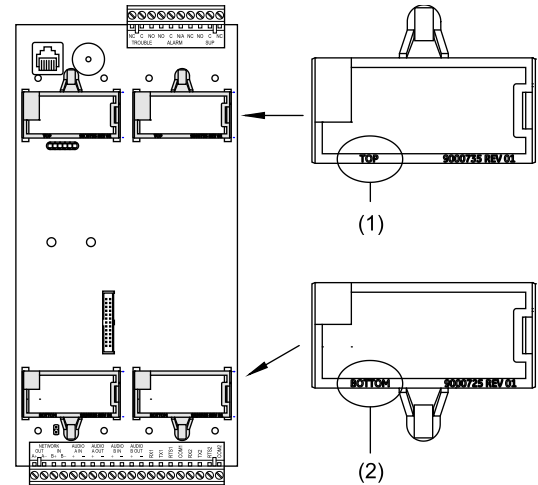
The instructions below are for new installations on a 3-CPUx module. Instructions for installing a 3-LCD module on a 3-ANNCPUx module are similar.

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

To install the 3-LCD module:

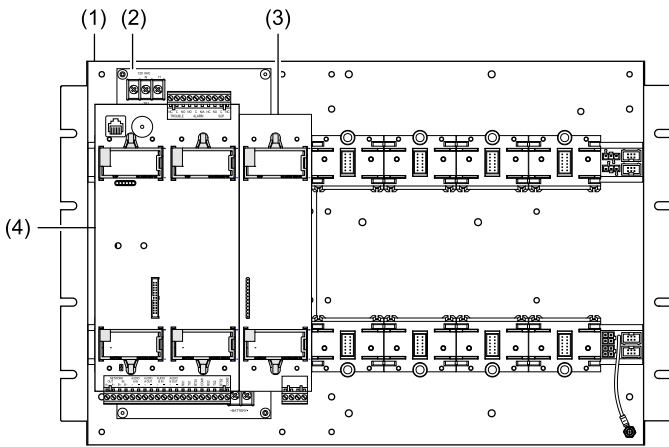
1. Insert the display mounting brackets into the 3-CPUx module. See Figure 2.
2. Plug the 3-CPUx module into the rail, and then push the plungers to lock the module into place. See Figure 3.
3. Position the 3-LCD module in its fully open position, align the hinge pins with the hinges on the left display mounting brackets on the 3-CPUx, and then gently slide the 3-LCD into the brackets.
4. Connect the ribbon cable on the 3-LCD module to J1 on the 3-CPUx module. See Figure 4.
5. Connect the ground cable on the 3-LCD module to the two-pin header on the 3-CPUx module. The two-pin header is located just above the Network B terminals on TB2.
6. Verify the 3-LCD module can open and shut without interference.

Figure 2: Display mounting bracket installation



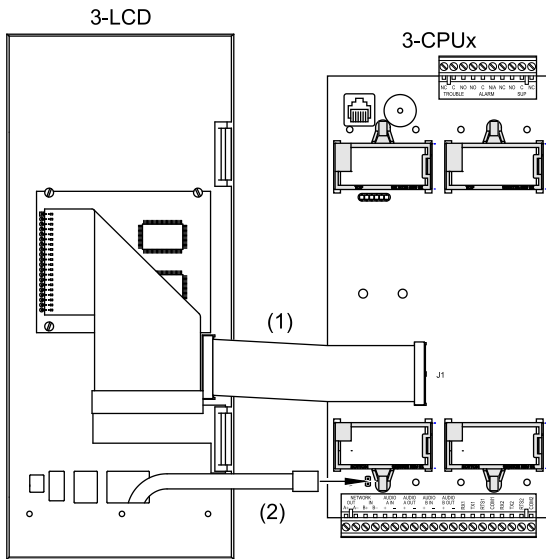
- (1) Top
- (2) Bottom

Figure 3: Mounting diagram



- (1) 3-CHAS7
- (2) Primary power supply
- (3) Primary power supply monitor card
- (4) 3-CPUx

Figure 4: 3-LCD cable connections



- (1) Ribbon cable
- (2) Ground cable

Specifications

Voltage	24 VDC
Current	See Table 1
Rail requirements	Two slots on the operator layer
LCD display	64 × 128 pixels, backlit liquid crystal
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 Alarm: Red LED Supervisory: Yellow LED Trouble: Yellow LED Monitor: Yellow LED

Operator controls	Reset switch Alarm Silence switch Panel Silence switch Drill switch Alarm queue switch Supervisory queue switch Trouble queue switch Monitor queue switch Message scroll switches Ten-digit keypad with Enter and Delete keys Details switch Command Menus switch
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Compatible CPU models	See Table 2
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Operating environment	
Temperature	32 to 120°F (0 to 49°C)
Relative humidity	0 to 93% noncondensing

Table 1: Current requirements

Connected to	Standby current	Alarm current
3-CPU, 3-CPU1, 3-ANNCPU1	59 mA	59 mA
3-CPU3, 3-ANNCPU3	43 mA	43 mA

Table 2: Compatible CPU models

Model	Permitted in UL 864 8th edition	Permitted in UL 864 9th edition
3-CPU, 3-CPU1, 3-ANNCPU1	Yes	No
3-CPU3, 3-ANNCPU3	Yes	Yes

Contact information

For contact information, see www.edwardsutcfs.com.