



Panel Electronics Replacement Kit Installation Sheet

Description

This document provides installation instructions for the Panel Electronics Replacement Kit models listed in Table 1. The kit includes the mounting hardware and the preassembled electronics board with the LCD.

Table 1: Panel Electronics Replacement Kit model numbers

Model number	Model number	Model number
64ELEC-FSA	254ELEC-FX	IO1000-RE
64ELEC-FX	500ELEC-IO	IO64-RE
64ELEC-IO	500ELEC-VS	VS1-RE
64ELEC-VS	FX-1000-RE	VS4-RE
254ELEC-FSA	FX-64-RE	

Installation

Prior to installation, the following tasks should be performed. Refer to the applicable Technical Reference Manual and CU software release notes for details.

- Back up your panel database
- Check the firmware version of your existing panel
- Confirm that you have the appropriate CU software version that is compatible with the new panel firmware version

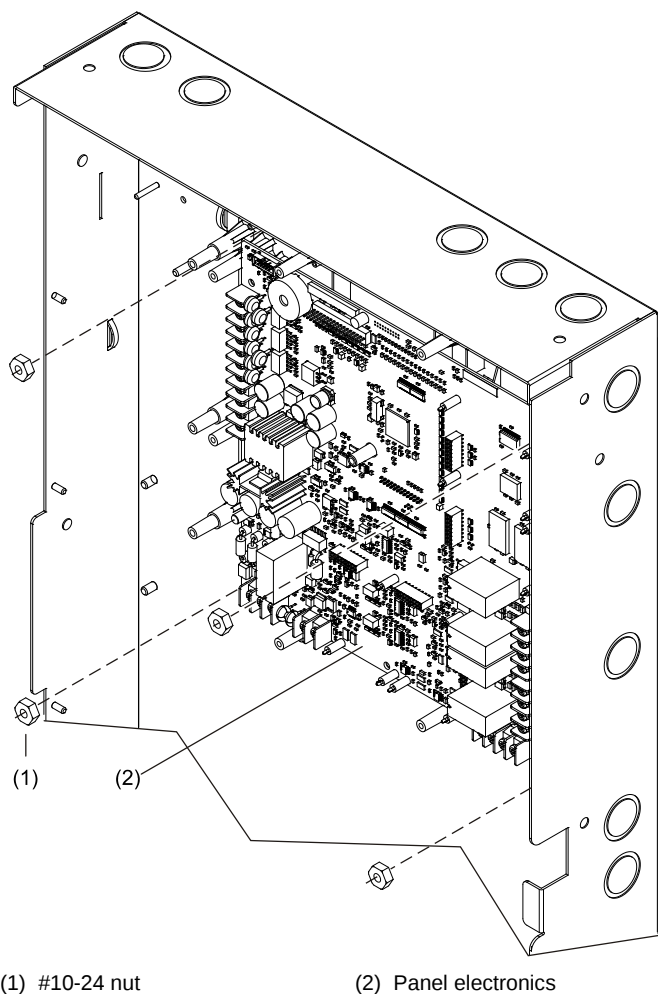
WARNING: Electrocution hazard. To avoid personal injury or death from electrocution, remove all sources of power and allow stored energy to discharge before installing or removing equipment.

Caution: Circuit boards are sensitive to electrostatic discharge (ESD). To avoid damage, follow ESD handling procedures.

To replace the panel electronics:

1. Power down the panel. First, disconnect the batteries, and then disconnect mains AC.
2. Disconnect and remove any panel option modules (SLC cards, dialers, etc.) from the panel electronics.
3. Disconnect all wiring from the panel electronics. Tag wiring prior to removal to aid in installation.
4. Remove the #10-24 nuts securing the panel electronics to the panel back box, and then remove the panel electronics.
5. Mount and connect the panel option modules (SLC cards, dialers, etc.) to the new panel electronics.
6. Position the new panel electronics in the panel backbox so that the four threaded studs in the backbox protrude through the holes in the corners of the panel electronics. Use the #10-24 nuts provided to secure it to the backbox. See Figure 1.
7. Connect all wiring as specified in the applicable panel Technical Reference Manual.
8. Power up the panel. First, connect mains AC, and then connect the batteries.

Figure 1: Typical panel electronics installation (components removed for clarity)



(1) #10-24 nut

(2) Panel electronics

Specifications

Panel electronics	Refer to the applicable panel Technical Reference Manual for all panel specifications.
Operating environment	
Temperature	32 to 120°F (0 to 49°C)
Relative humidity	0 to 93% noncondensing

Contact information

For contact information, see www.edwardsfiresafety.com.