

CPU801 Fixing Instructions

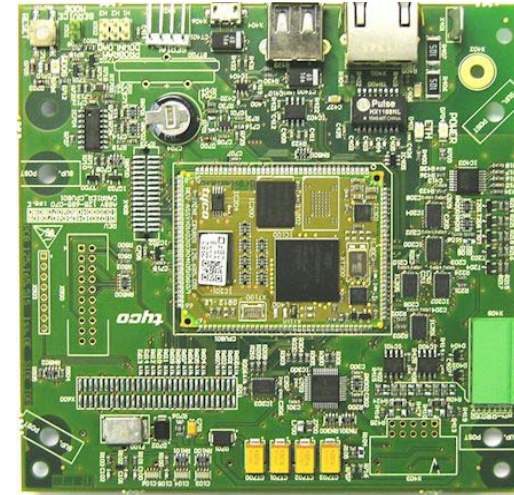


Fig. 1: CPU801

Introduction

Use this leaflet when installing a CPU801 central processor unit into a fire alarm control panel:

- Either install the CPU801 as an upgrade to the existing CPU800.
- Or install the CPU801 as a replacement for a faulty CPU800 or CPU801.

Installation

To fit the CPU801

- 1 Make sure a PC is available, running FireClass Express.
- 2 Check that the site configuration is still available as an FireClass Express file.
If not, you might have to upload the configuration from the panel into FireClass Express. For details refer to the FireClass Express help.
- 3 Power down the control panel.
- 4 Locate the existing CPU, mounted on the FIM (see Fig. 2). The board is held in place by

being fixed to the standoffs, and by its connector with the FIM (see Fig. 2).

- 5 For a CPU801 disconnect any cables to the CPU (such as the Ethernet or earth cable, see Fig. 2).
- 6 Dismount the CPU. Squeeze in the locking tabs of the nylon standoffs, or remove the nuts from the metal standoffs, and carefully prize off the CPU.
- 7 Locate the new CPU801 over the same connector and standoffs and press down evenly into place. Re-fit the standoff nuts if applicable.
- 8 Re-fit any cables to the CPU. For a CPU upgrade, fit one of the supplied earth cables (as appropriate to your panel).
To do this, on the CPU board, attach the cable to the tag marked "X401" (see Fig. 2). Attach the other end to the chassis earth (see Fig. 3).
- 9 Download the firmware and site configuration from FireClass Express as described in the FireClass Express help.

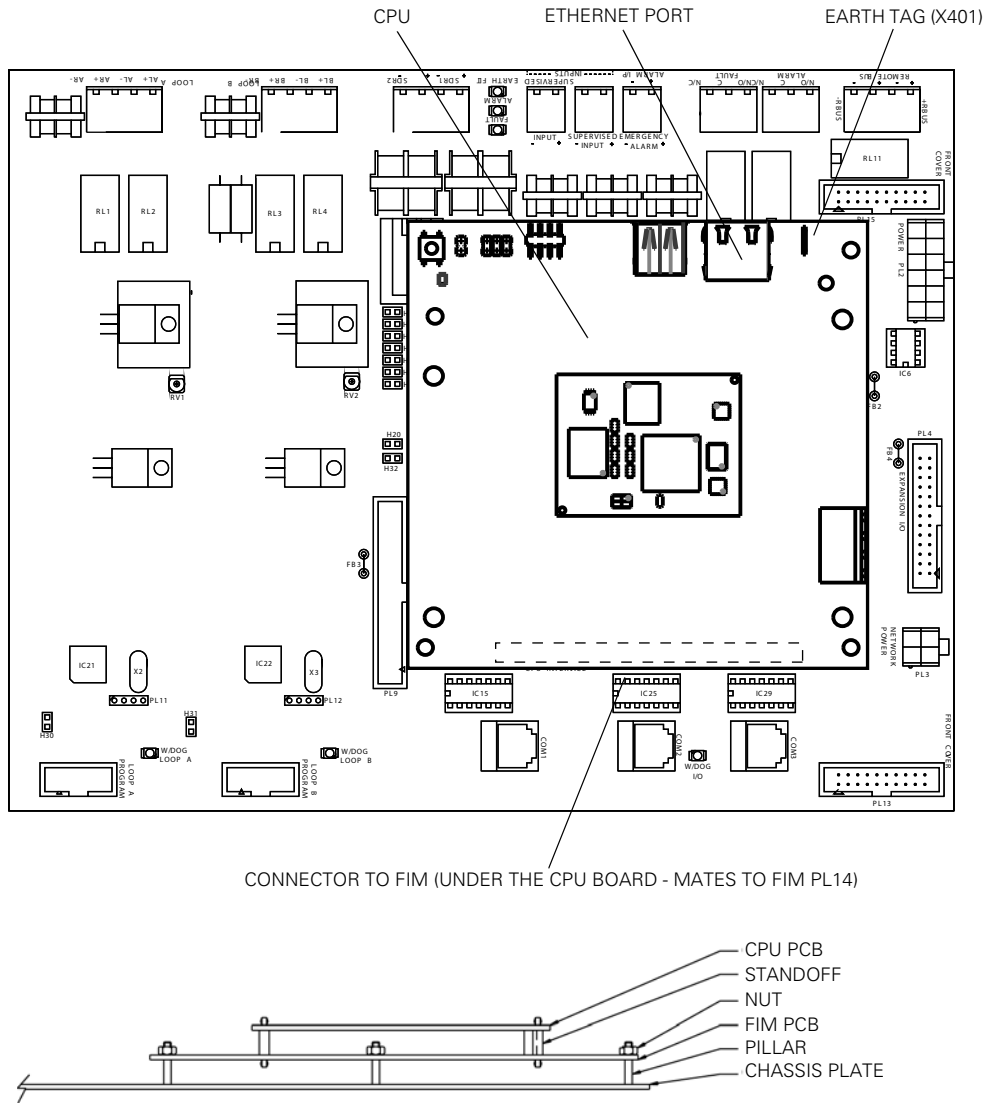


Fig. 2: CPU801 Mounting to FIM

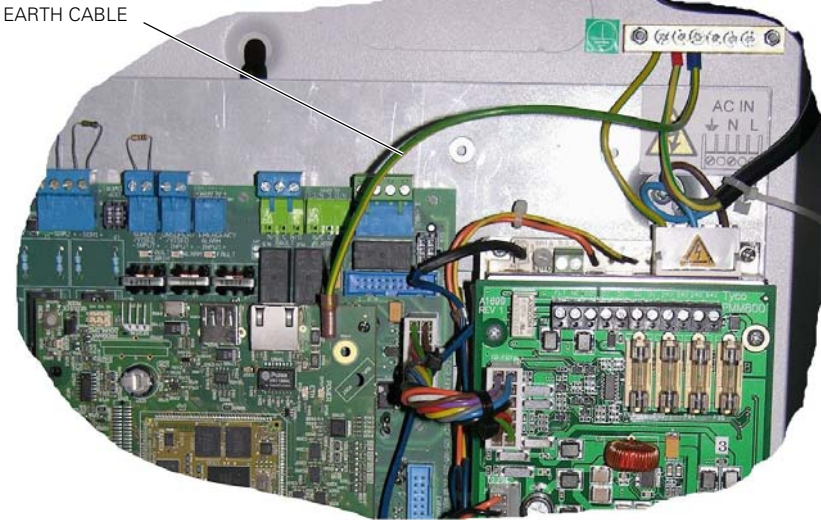


Fig. 3: Earth Cable Fitted - Fireclass Panels FC 32/64/240

Technical Specifications

Parameter	Value
System Compatibility	Requires FireClass Express.
Environment	Indoor Application only.
Operating Temperature	-10 °C to +70 °C
Storage Temperature	-20 °C to +85 °C
Operating Humidity	Up to 95 % non-condensing.
Dimensions (HWD)	Assembly: 121 x 121 x 24 mm
Input Voltage	5 V +0.25 V

Table 1: Specifications