

# T2750 Eurotherm PAC

## Battery Replacement Procedure

<b>Personnel</b>	One engineer, who shall be a suitably qualified person.
<b>Time required to complete</b>	10 minutes.
<b>Parts required</b>	Battery board (contains battery, soldered onto the board) Order Code T2750A/BAT For sales contacts see <a href="http://www.eurotherm.com/global">www.eurotherm.com/global</a>
<b>Tools required</b>	Magnetized Pozidrive #1 Screwdriver
<b>When to carry out</b>	If the controller module battery LED (labelled with an $\perp$ icon) goes out, or every 12 months, whichever is sooner.



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by **Schneider Electric**

The T2750 has an option to include a 3 V 'coin-cell' style battery, mounted on small board, fitted on the inside of the plastic side panel adjacent to the controller module.

The purpose of the battery is to maintain the contents of the controller module terminal unit's volatile memory when the T2750 is powered off.

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**Note:** The T2750 can be left powered up while the battery is being replaced. This ensures the volatile memory contents will be retained.

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The battery is soldered to its board, and the two are replaced as a single unit. Proceed as follows:

1. Open the hinged plastic front cover of the T2750, so that the terminal units can be seen.
2. Locate the back of battery board (Figure 1): It is on the inside of the plastic side panel to the left of the controller module, and is fixed in place by two screws. A two-wire cable runs from the front of the battery board to the controller module terminal unit; the red wire connects to the **B+** terminal, the black wire connects to the **B-** terminal. It is recommended leaving these wires connected to the terminals whilst replacing the battery.

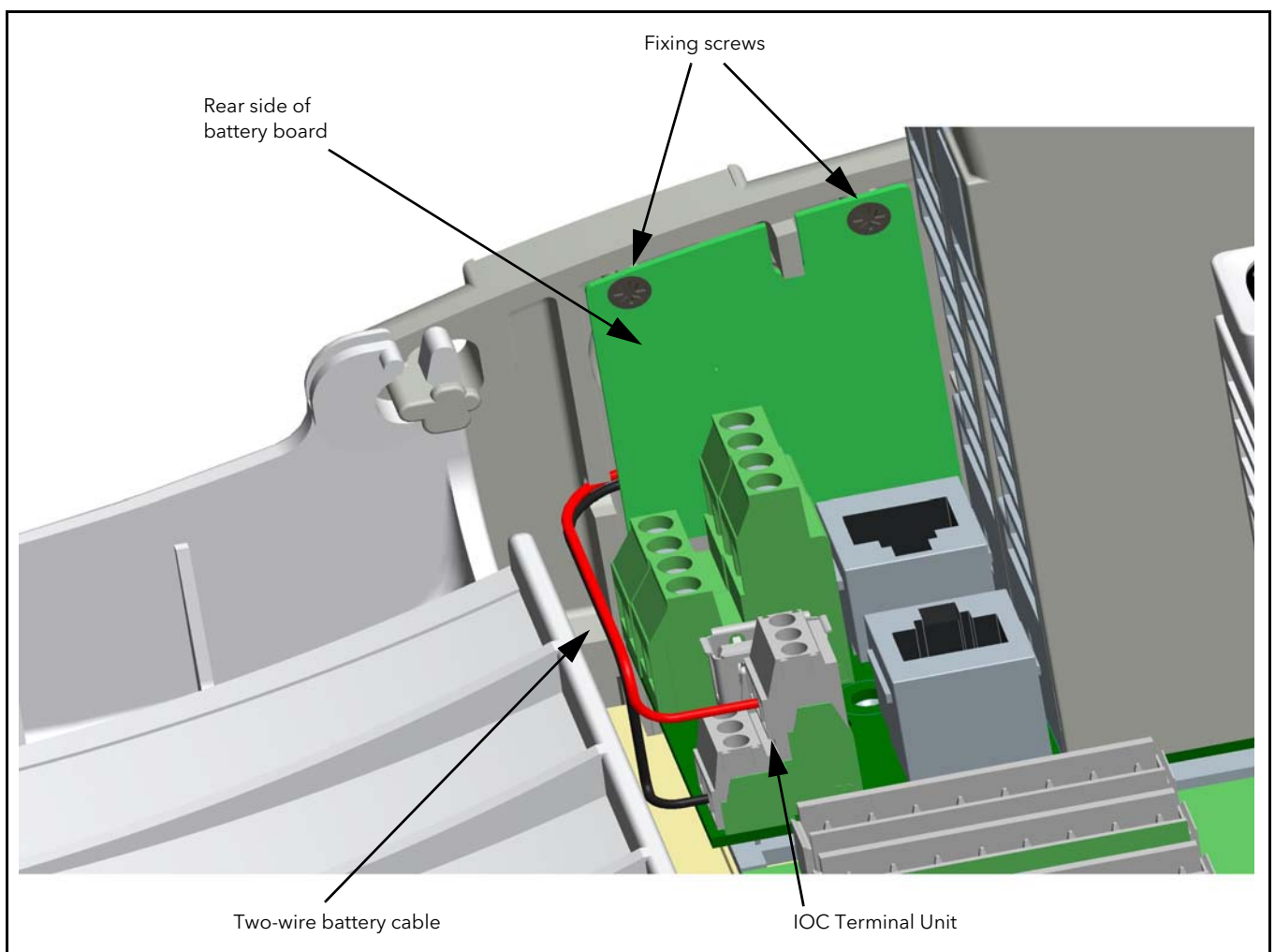


Figure 1 Battery board in place

3. Using a magnetised Pozidrive #1 screwdriver, unscrew the two fixing screws holding the battery board in place.

- Carefully manoeuvre the battery board of from the plastic side panel. Unplug the two-wire cable from the board end (Figure 2).

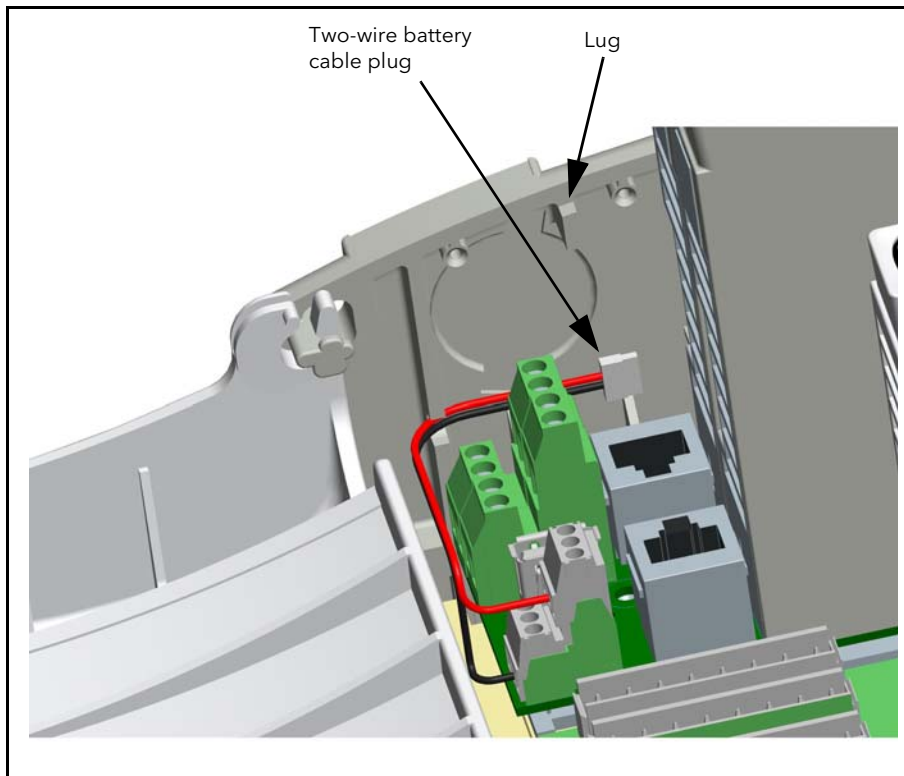


Figure 2 Battery board removed

**WARNING**

Do not touch the battery itself using metal pliers or tweezers, as this could cause a short circuit possibly resulting in an explosion of the battery

- Take the new battery board (Figure 3), and plug the two-wire battery cable into it.

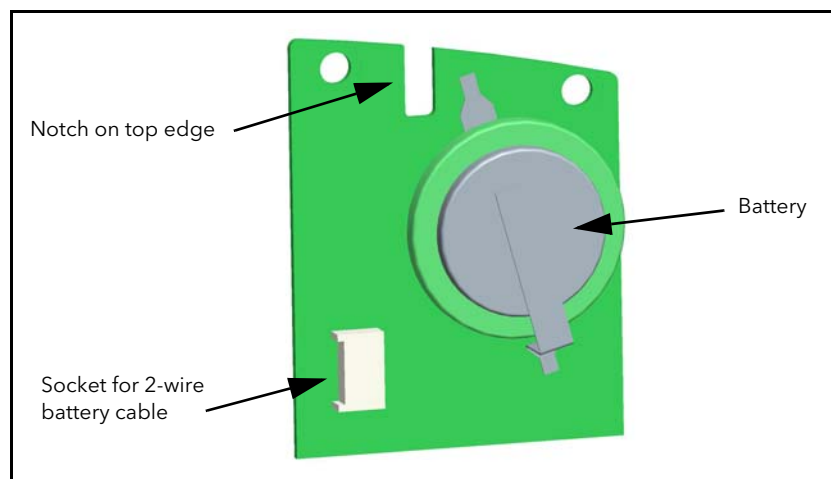


Figure 3 New battery board

- Manoeuvre the new battery board into position in the left-hand plastic side panel. Note the lug on the panel which fits into the notch on the top end of the battery board.
- Using a magnetized Pozidrive #1 screwdriver, screw in the two fixing screws to hold the battery board in place.

8. Close the plastic top cover of the T2750.
9. Ensure the old battery board is disposed of appropriately.

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