


T2750 Eurotherm PAC

Battery Replacement Procedure

Personnel	One engineer who shall be suitably qualified person
Time required	10 minutes
Parts required	Battery board (contains battery soldered on to the board) Order number T2750A/BAT For sales contacts see https://www.eurotherm.com
Tools required	Magnetized pozidrive ~1 screwdriver
When to carry out	If the controller module battery LED, labeled with  goes out, the LIN Database TACTICIAN header block reports BattLow / BattFail alarm, or every 12 months, whichever is sooner.

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.

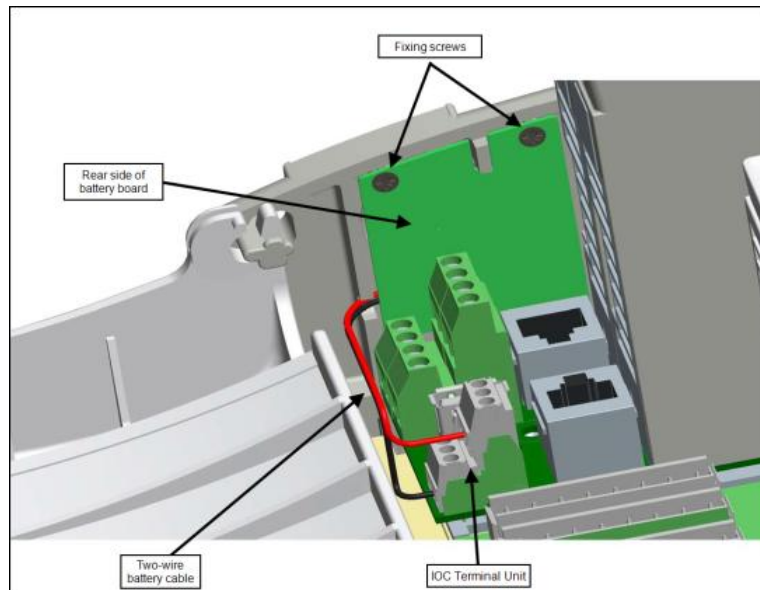
The purpose of the battery is to maintain the contents of the controller module terminal unit’s volatile memory when the T2750 is powered off.

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



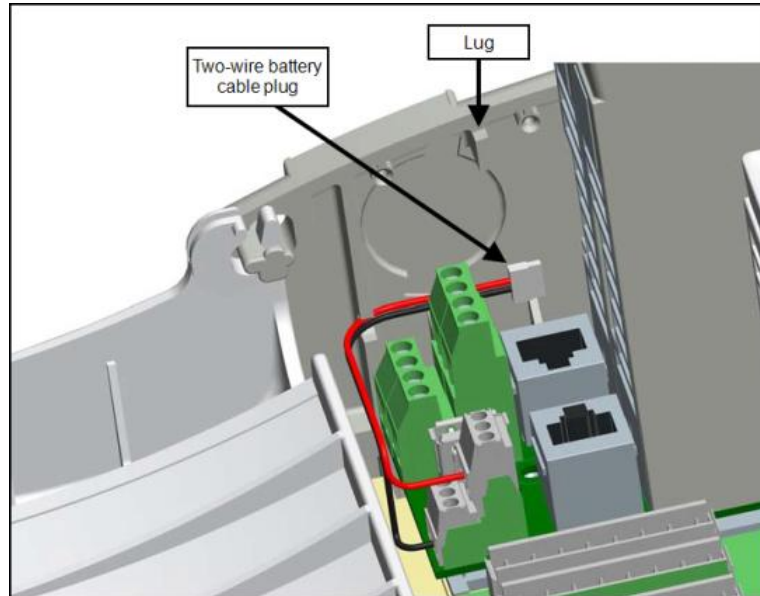
The battery is soldered to its board, and the two are replaced as a single unit. Proceed as follows:

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, as depicted below - 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 you leave these wires connected to the terminals whilst replacing the battery:



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

- Carefully maneuver the battery board of from the plastic side panel. Unplug the two-wire cable from the board end:



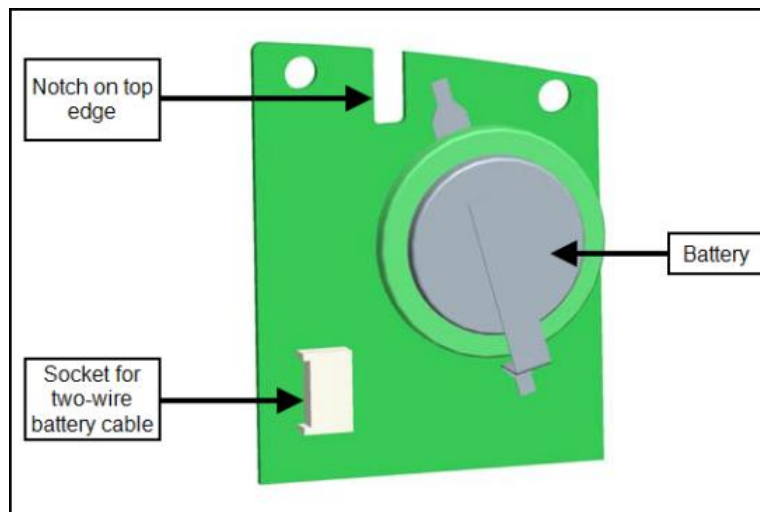
⚡ ⚠ DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION OR ARC FLASH

Do not touch the battery itself using metal pliers or tweezers.

Failure to follow these instructions will result in death or serious injury

- Take the new battery board, and plug the two-wire battery cable into it:



6. Maneuver 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.

7. 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.

Note - Please dispose of the depleted lithium battery responsibly.

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