



NOTES

1. IF RELAY K8 IS SWITCHING A PROPULSION PACK BATTERY, INSTALL A JUMPER WIRE BETWEEN J10 AND J11. DO NOT CONNECT ANY OTHER WIRES TO J10 OR J11.
2. IF RELAY K8 IS SWITCHING AN ACCESSORY 12V BATTERY, DO NOT CONNECT J10 TO J11. CONNECT J9 TO ACCESSORY BATTERY 12V+, AND J10 TO ACCESSORY BATTERY 12V-.
3. TWO RELAY BOARDS CAN BE USED IN A SYSTEM. USE K1-8 ON RELAY BOARD #1 FOR PROPULSION BATTERIES 1-8 (#1 IS MOST NEGATIVE). USE K1-6 AND K8 ON BOARD #2 FOR BATTERIES 9-15. K7 ON BOARD #2 IS NOT USED (THE BATBAL CONTROL BOARD ONLY HAS 15 OUTPUTS).

USE K8 ON BOARD #2 FOR THE ACCESSORY BATTERY IF NEEDED.
4. RELAYS ARE P&B T92S7D12-12 OR AM.ZETTLER AZ2850-2A-12DE. 12vdc 139mA COIL, DPST 30A CONTACTS.

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Title BATTERY BALANCER - CONTROL BOARD		
Size B	Document Number BCONTROL.SCH (C) 1998-2001 by TMSI	Rev A
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This is the schematic for the relay board of Lee Hart's battery balancer. Again the file is big, to show the details.

This file is also available in MS Word97 and OrcadWin 9.1 formats. Email me if you'd like a copy electric.mini@ntlworld.com