

The Estate Swing battery board has all the same connections of the standard board but with a slightly different order of the CN1 terminal block. The Estate Swing battery board is used in situations where power is not within 200' of the gate opener and a longer run of low voltage from the transformer is needed. It works by operating the gate opener all the time off of the batteries instead of the incoming power, thus eliminating the performance effects of power loss through a long run of low voltage line. The incoming power is there only to trickle charge the batteries.

Connections from left to right

VAC - Incoming low voltage 24V AC - no polarity

VAC - Incoming low voltage 24V AC - no polarity

Earth - do not use

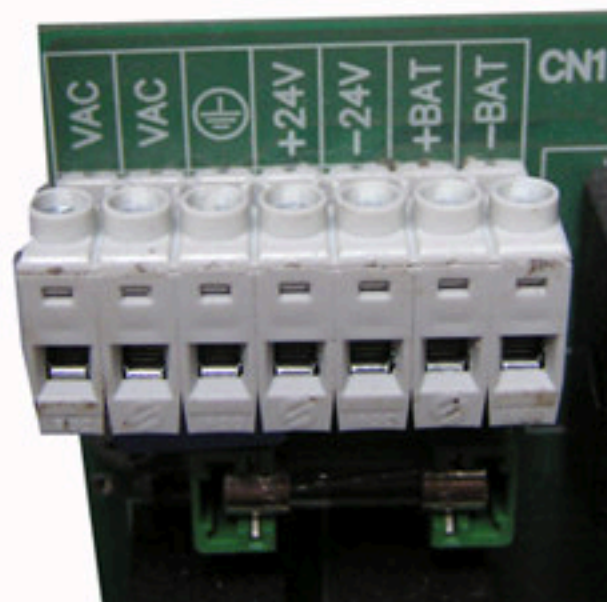
+24V - Positive output for accessories

-24V - Negative out for accessories

+BAT - Positive battery connection (series)

-BAT - Negative battery connection (series)

Incoming low voltage can be run up to 1000' using 16 gauge stranded 2 conductor direct burial low voltage wire. The batteries should be 2) 12V - 5 amp hour batteries wired in series. (BAT+ from board to positive of battery A, negative of battery A to positive of battery B, negative of battery B to BAT- of board.)



Estate Swing Battery Board Instructional Insert