

4-TERMINAL CONTACTOR WIRING

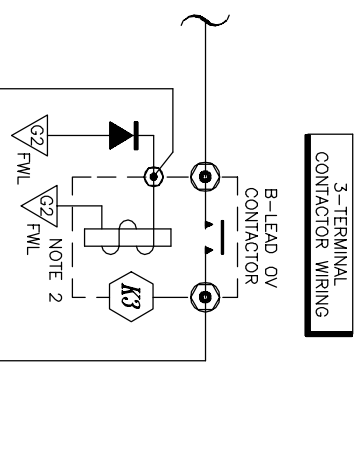
1. 3-TERMINAL "BATTERY CONTACTORS" MAY ALSO BE USED TO PROVIDE B-LEAD DISCONNECTION IN AN OVERVOLTAGE CONDITION. HOWEVER, THE WIRING BECOMES MUCH MORE COMPLEX THAN FOR THE TWO CASES SHOWN HERE.

NOTES:

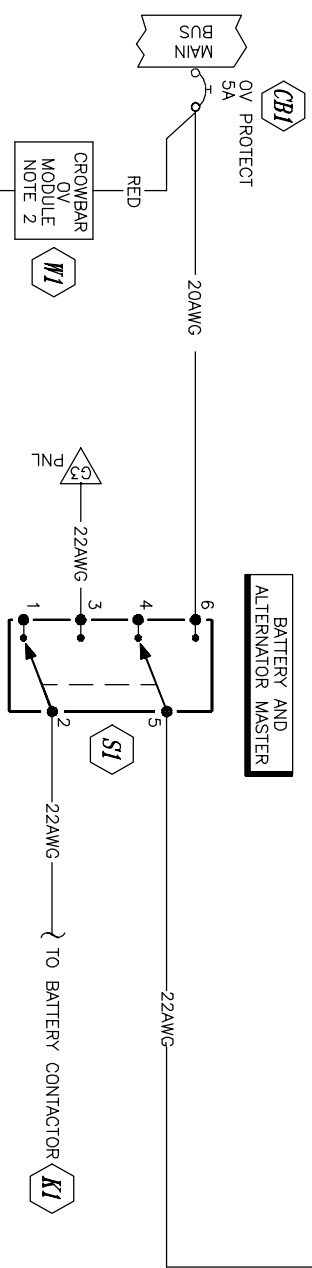
WE RECOMMEND THAT YOUR SELECTION OF B-LEAD DISCONNECT CONTACTORS BE LIMITED TO ONE OF THE TWO TYPES SHOWN. THESE SHOULD BE CONTINUOUS DUTY CONTACTORS WITH A COIL RESISTANCE OF 15 OHMS OR MORE.

2. THE AEROELECTRIC CONNECTION STOCKS SUITABLE 4-TERMINAL CONTACTORS (P/N S701-1) AND A CROWBAR OVERVOLTAGE MODULE (P/N 9003-1). IF YOU SO CHOOSE, YOU MAY BUILD A CROWBAR OV PROTECTION MODULE USING DATA DOWNLOADABLE FROM [HTTP://WWW.AEROELECTRIC.COM/ARTICLES/CROWBAR.PDF](http://www.aeroelectric.com/articles/crowbar.pdf)

3. 4AWG WIRES MARKED WITH AN ASTRISK (*) ARE SIZED TO ACCOMPANY OUR 80-AMP B-LEAD FUSE KIT WHICH IS SUITABLE FIREWALL FORWARD PROTECTION FOR ALTERNATORS FROM 35 TO 60 AMPS. IF A BUILDER CHOOSES MORE CLASSIC B-LEAD WIRING SCHEMES, 30-35 AMP ALTERNATORS SHOULD BE WIRED WITH BAWG WIRE AND A 40 AMP FUSE OR BREAKER, A 40-AMP MACHINE MAY USE 6AWG WIRE AND A 50 AMP BREAKER, A 60-AMP MACHINE GETS 4AWG WIRE AND AN 80-AMP BREAKER.



3-TERMINAL CONTACTOR WIRING



BATTERY AND ALTERNATOR MASTER

