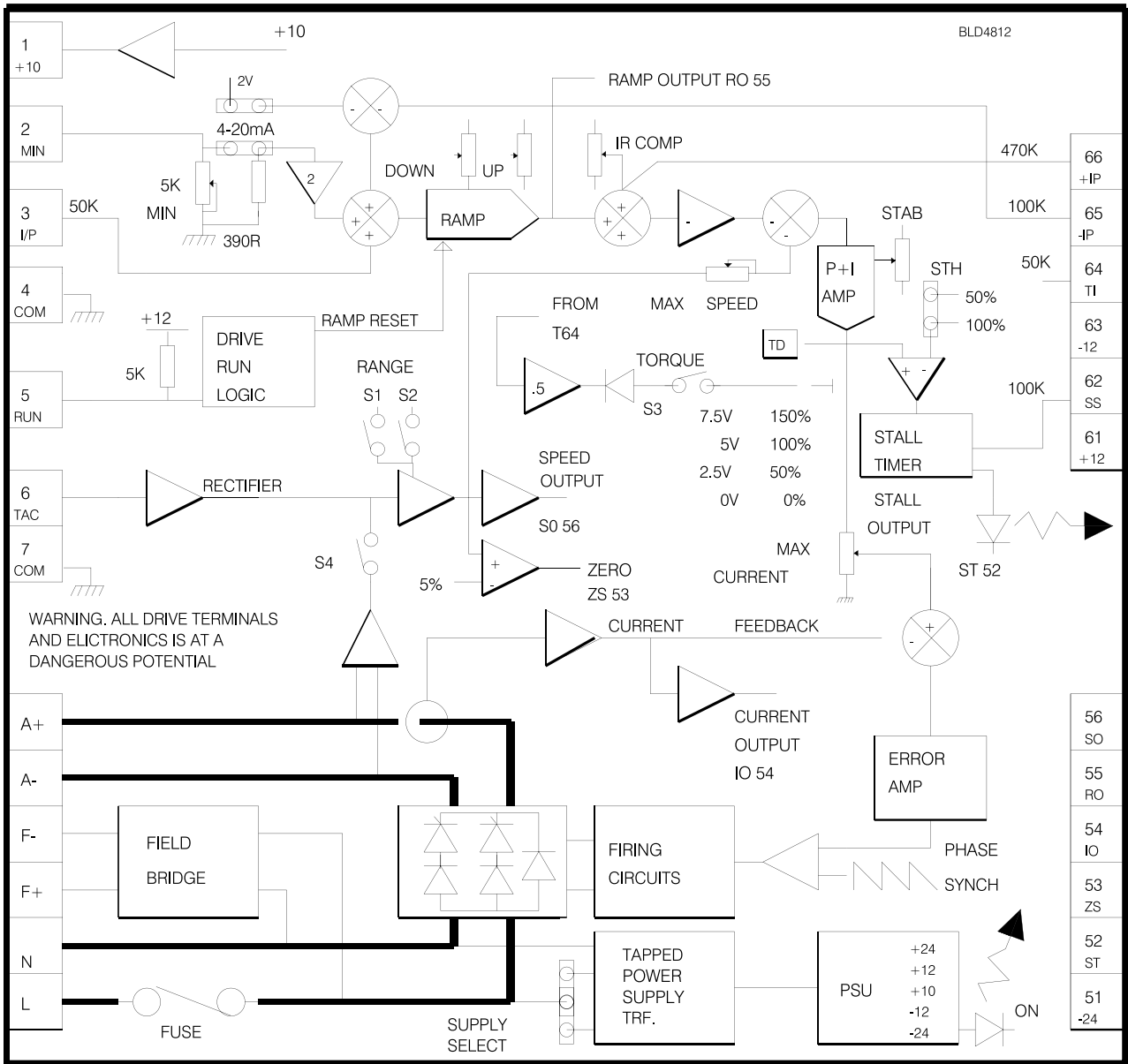


BLOCK DIAGRAM AND TERMINAL SPECIFICATION



1 +10V PRECISION REFERENCE 10mA MAX. SHORT CCT. PROOF

2 MINIMUM END OF SETPOINT POT OR 4-20 mA CURRENT LOOP I/P

3 SPEED DEMAND INPUT 0-10V FOR 0-100% SPEED

4 COMMON. (4-20mA RETURN)

5 CONNECT TO COMMON TO RUN 60mS ON /20mS OFF (5K ohm pull up to +12V)

(WARNING. RUN is an electronic inhibit function. The field remains energised, and all power terminals remain 'live'. RUN must not be relied upon during hazardous operations)

6 TACHO INPUT 12-200V FULL SCALE. + OR - POLARITY

7 COMMON

8 A1+ ARMATURE OUTPUT

9 A2- ARMATURE OUTPUT

10 F 2- FIELD OUTPUT

11 F1+ FIELD OUTPUT

12 N NEUTRAL AC SUPPLY I/P

13 L LINE AC SUPPLY INPUT

SIGNAL PADS ON TOP EDGE

66 AUXILIARY SPEED INPUT 0 TO 10V FOR 0-100% DIRECT SPEED

65 AUX INVERTING SPEED INPUT 0 TO -10V FOR 0-100% RAMPED SPEED

64 TORQUE INPUT. 0 TO +10V FOR 0-100% CURRENT

63 -12V OUTPUT 10mA MAX

62 STOP/START INPUT. CLOSE TO -12V TO ACTIVATE STALL CONDITION. CLOSE TO +12V TO RELEASE STALL CONDITION

61 +12V OUTPUT 10mA MAX

56 SPEED OUTPUT. TYPICALLY 7.5V FULL SCALE. ADJUSTMENT OF MAX SPEED PRESET WILL ALTER THE FULL SCALE READING FROM 4V (ACW) TO 9V (CW). 0V TO FULL SCALE REPRESENTS 0-100%. IMPEDANCE 1K

55 SETPOINT RAMP OUTPUT 0-10V IMPEDANCE 1K OHMS

54 CURRENT OUTPUT 0-5V FOR 0-100% CURRENT. IMPEDANCE 1K

53 ZERO SPEED RELAY DRIVER O/P MAX 100mA

52 STALL RELAY DRIVER O/P MAX 100mA

51 -24V RELAY SUPPLY 25mA MAX. DO NOT SHORT

