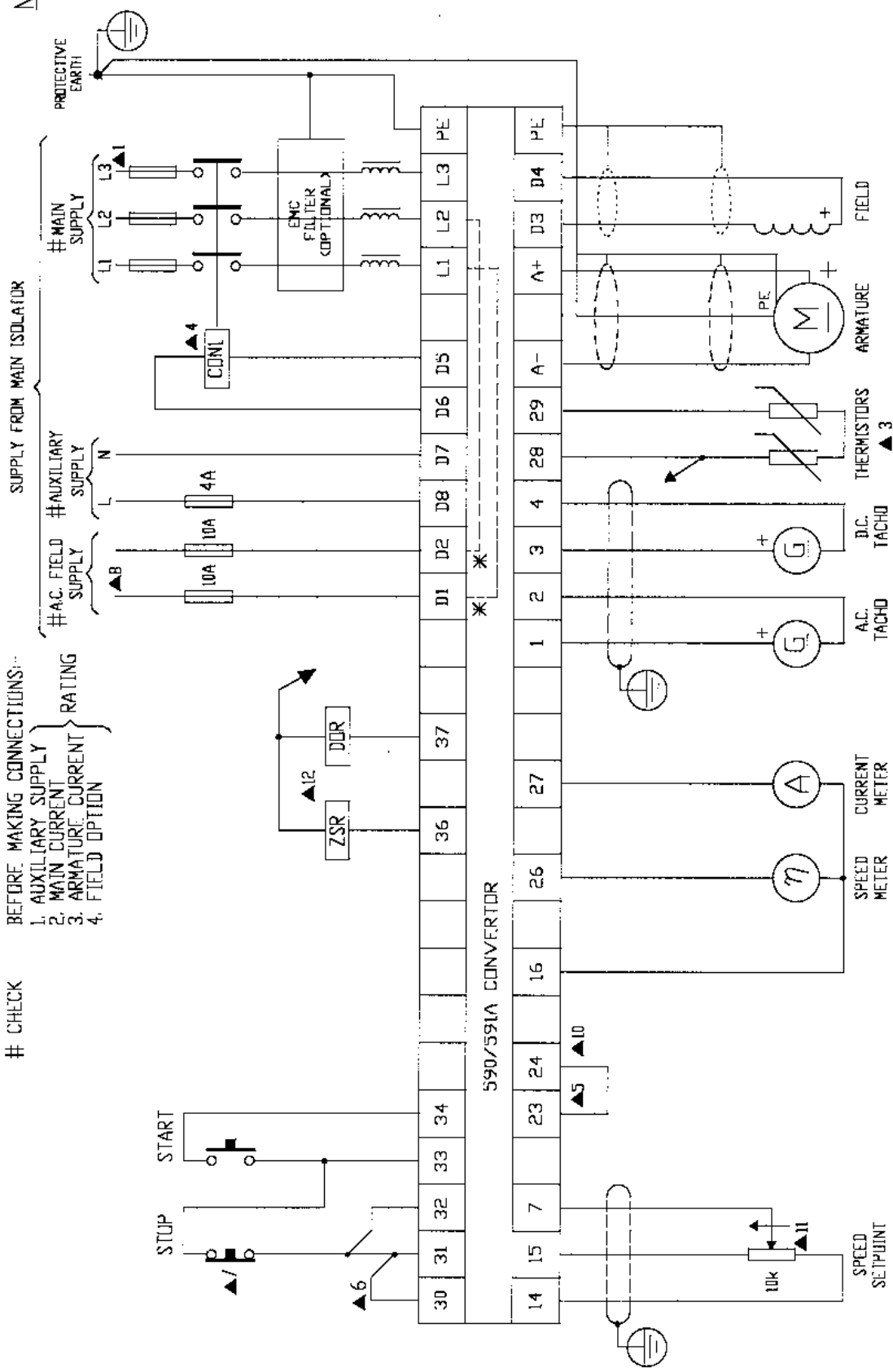


CHECK

BEFORE MAKING CONNECTIONS:-

1. AUXILIARY SUPPLY
2. MAIN CURRENT
3. ARMATURE CURRENT RATING
4. FIELD OPTION

SUPPLY FROM MAIN ISOLATOR



NOTES:-

1. POWER CABLES TO HAVE MINIMUM RATING 1.1 x FULL LOAD CURRENT. IRC FUSES TO BE RATED ACCORDINGLY.
2. CONTROL WIRING TO HAVE MINIMUM CROSS SECTION OF 0.75sqmm.
3. IF MOTOR IS NOT FITTED WITH OVER TEMPERATURE PROTECTION THERMISTORS FIT LINK BETWEEN TERMINALS 28 & 29.
4. THE CONTACTOR MUST BE OPERATED VIA A SUITABLE RELAY IF ITS COIL INRUSH CURRENT DURING PICK-UP EXCEEDS 3A.
5. CURRENT LIMIT 0 TO +10V = 0 TO 200%.
6. IF CUSTOMER INTERLOCKS ARE REQUIRED INSERT SWITCHES IN PLACE OF LINK BETWEEN TERMINALS 30 & 31.
7. ADDITIONAL STOP BUTTONS MUST BE OF NORMALLY CLOSED TYPE AND WIRED IN SERIES WITH THE STOP BUTTON SHOWN.
8. UNITS WITH THE EXTERNAL FIELD SUPPLY OPTION REQUIRE CONNECTION OF THE A.C. SUPPLY TO TERMINALS D1 & D2.
9. OBSERVE GOOD ENGINEERING PRACTICE WITH INSTALLATION. ENSURE THAT SIGNAL WIRES ARE SEPARATED FROM HIGH VOLTAGE OR HIGH CURRENT CABLES. USE SCREEN CABLES ON TACH AND SETPOINT CONNECTIONS.
10. AUXILIARY CURRENT LIMIT (-) IS APPLICABLE ONLY TO 590A CONVERTERS.
11. CONNECTION SHOWN IS NORMAL FOR 590A CONVERTOR. FOR THE 591A CONVERTOR THE CCW TERMINAL IS USUALLY CONNECTED TO 0V SIGNAL (TERMINAL 4 OR 16)
12. OPTION RELAY CONNECTIONS DDR AND ZSR

* USE INTERNAL FIELD CONNECTION FOR EMC COMPLIANCE

REFER TO SECTION 2.4 FOR THE TIGHTENING TORQUE RATINGS OF THE TERMINAL BLOCKS.

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				25/09/96	18/10/94	03/08/93	C	E	F	D	DRAWING NUMBER H.J 387211 D
EUROTHERM DRIVES Ltd.				CIRCUIT DIAGRAM FOR 590/591A CONVERTOR							