

REV. NO. M1

POWER/VAC ELEMENTARY DIAGRAM

0209B8250

POWER/VAC BREAKER INTERNALS

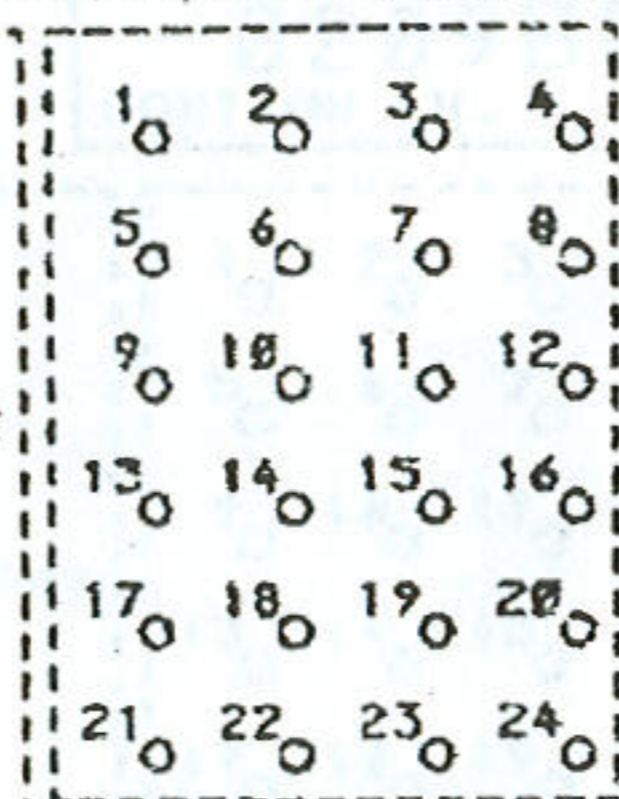
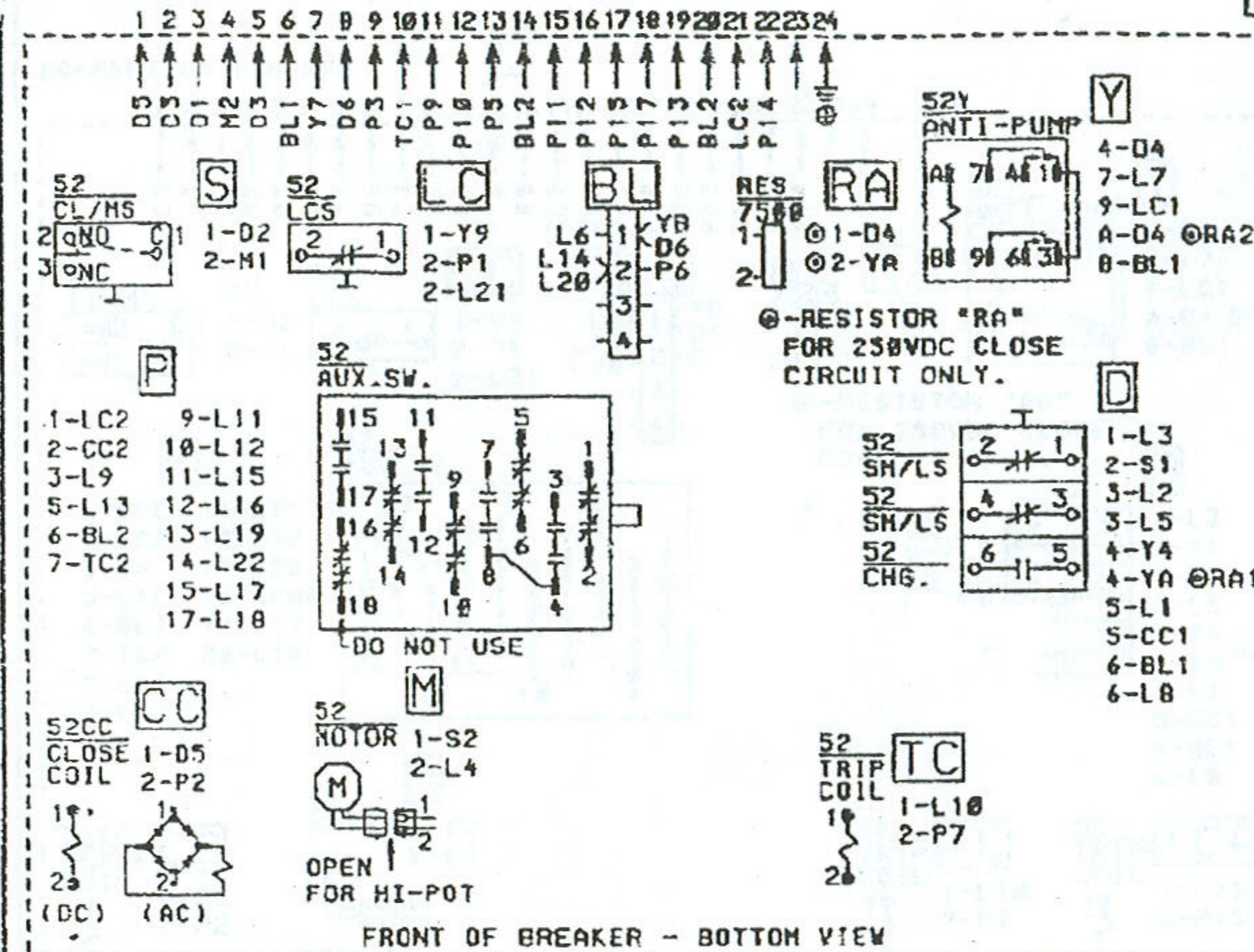
CONT. ON SH.

SH. NO.

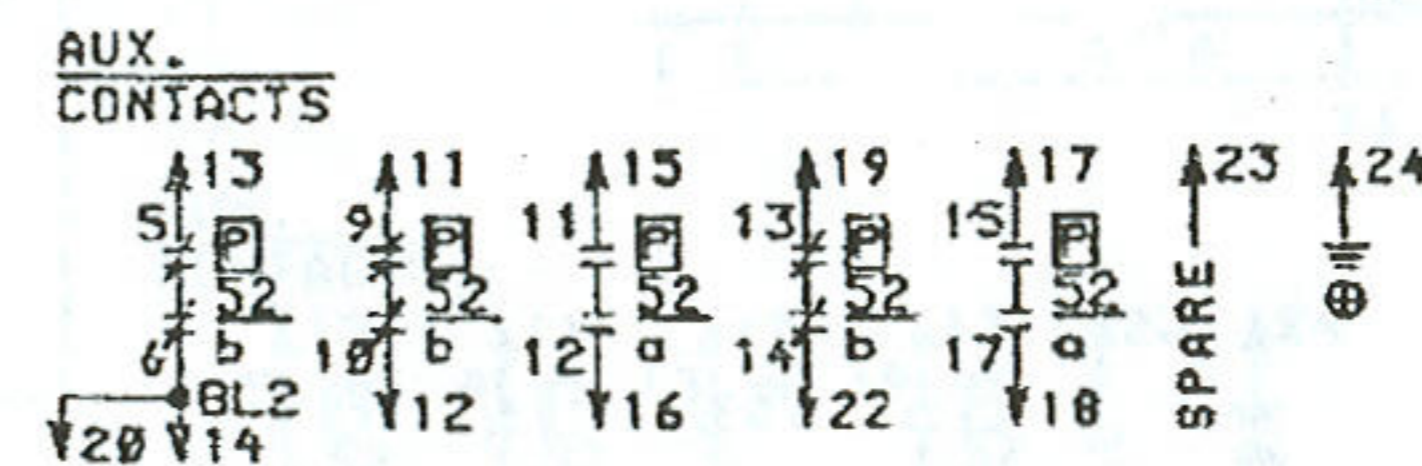
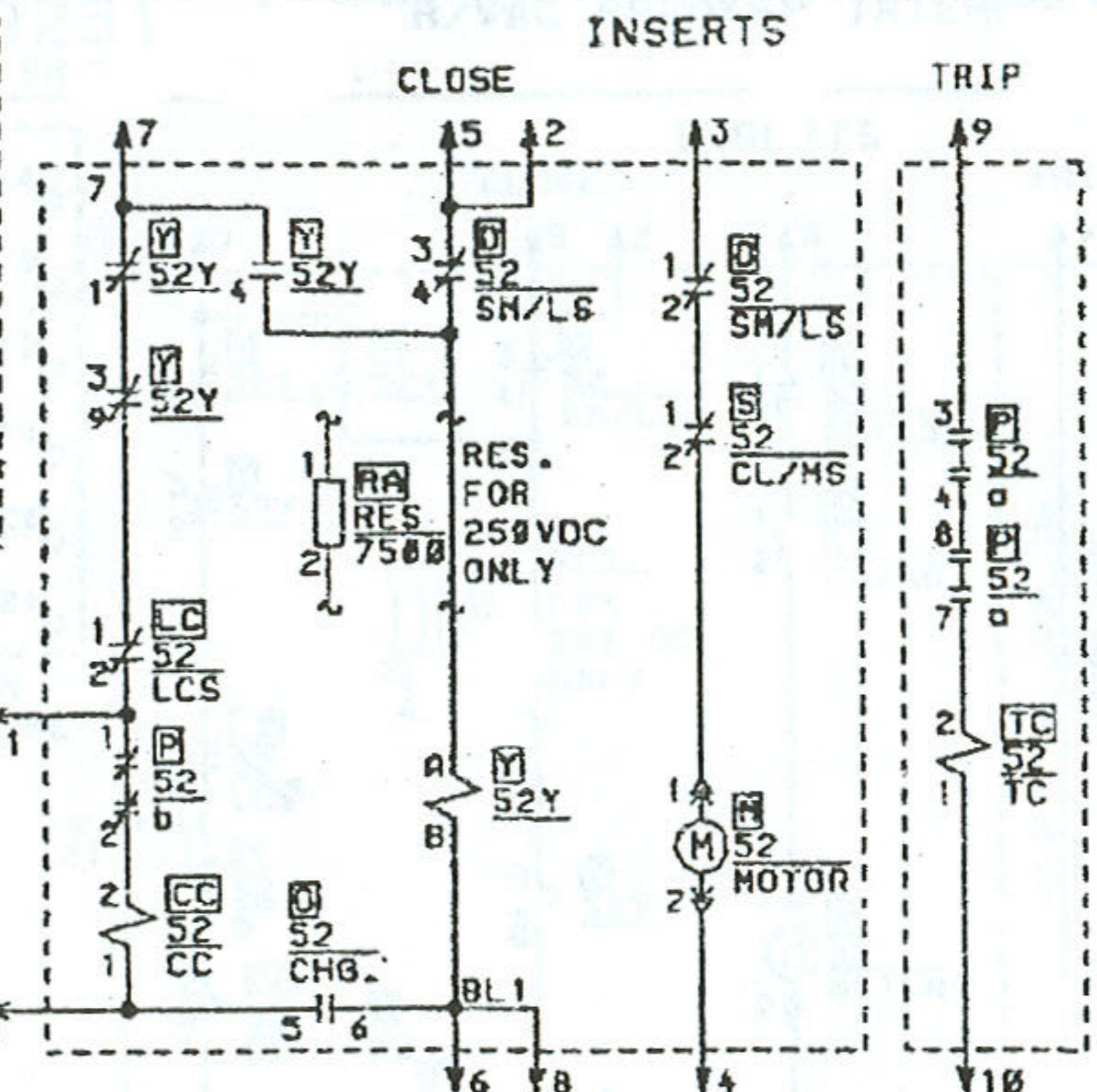
REQ.

S.O.

CONNECTION DIAGRAM



DISCONNECT PIN LOCATIONS - WIRE SIDE OF BKR. COUPLER.



NOTES:

BREAKER SHOWN "OPEN" AND WITH CLOSING SPRING "DISCHARGED"

52 CL/MS CLOSING LATCH MONITORING SWITCH IS CLOSED WHEN LATCH IS CAPABLE OF BLOCKING FULLY CHARGED CLOSING SPRING. HELD OPEN BETWEEN DISCONNECT AND CONNECT POSITIONS.

52 SH/LS LIMIT SWITCH FOR SPRING CHARGING MOTOR-CONTACTS (1-2)(3-4) OPEN WHEN SPRINGS ARE FULLY CHARGED.

52 CHG. CONTACTS CLOSED WHEN CLOSING SPRINGS ARE FULLY CHARGED.

52CC SPRING RELEASE COIL OPERATES LATCH WHICH RELEASES CLOSING SPRING TO CLOSE CIRCUIT BREAKER.

52Y ANTI-PUMP RELAY PREVENTS RECLOSING ON A SUSTAINED CLOSE COMMAND.

52 LCS TRIP LATCH CHECKING SWITCH CLOSED WHEN LATCH IS RESET.

⊙ GROUND PIN USED FOR INSPECTION BOX ONLY.

SWITCH	TYPE	CLOSE CIRCUIT	
52 SH/LS	N/D	P001	48VDC
52 CHG.	N/C	P002	125VDC
52 LCS	N/D	P003	250VDC
		P004	120VAC
		P005	240VAC
		P006	24VAC

storetips

3 ADDED AC CIRCUIT TO MAINLATH 4-8-87 1 MADE BY: K. CHENOWETH ENGR: TOK APPROVALS SWGR 0209B8250

4 ADDED P006 125VAC COIL 1-9-90 2 DATE MADE: 3/12/87 DATE ISSUED: 3/16/87 TOK BURLINGTON, IOWA CONT. ON SH. SH. NO.

BKR2.50 800