

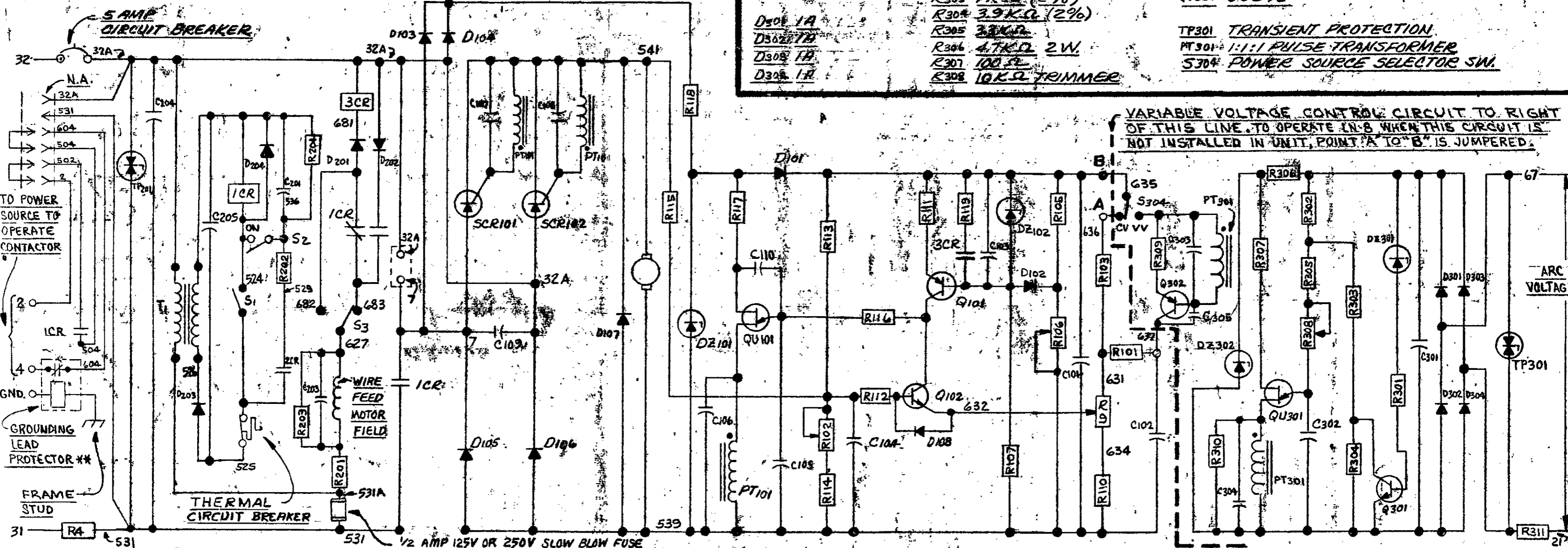
N.A. JUMPER / PLUG IS REMOVED AND CONNECTOR 'B' IS PLUGGED INTO OPTIONAL BURNBACK P.C. BOARD. SEE S-15123 FOR OPERATING SCHEMATIC.

** LN-8N AND LN-8S ONLY.

VARIABLE VOLTAGE CIRCUIT (BOARD #3)

- Component list for Board #3 including capacitors (C301-C305), resistors (R301-R308), diodes (D301-D305), transistors (Q301, Q302), and transformers (PT301, S304).

VARIABLE VOLTAGE CONTROL CIRCUIT TO RIGHT OF THIS LINE. TO OPERATE LN-8 WHEN THIS CIRCUIT IS NOT INSTALLED IN UNIT, POINT 'A' TO 'B' IS JUMPED.



RELAY CIRCUIT (BOARD #2)

- Component list for Board #2 including capacitors (C201-C205), relays (ICR), diodes (D201-D204), resistors (R201-R204), and transient protection (TP201).

COMPONENTS NOT ON P.C. BOARD

- List of components not on the PCB including resistors (R4, R9, R20), transformer (TL), reed switches (2CR), grounding lead protector (4CR), and interlock/direction switches (S1, S2, S3).

CONTROL CIRCUIT (BOARD #1) FOR CONTROL PC. BOARDS L5040-1 OR HIGHER USE M17019 SCHEMATIC FOR COMPONENT VALUES AND CIRCUIT CONNECTIONS.

- Component list for Board #1 including capacitors (C101-C110), resistors (R101-R119), diodes (D101-D108), transistors (Q101, Q102), and transformers (PT101).

NOTE: SINCE COMPONENTS OR CIRCUITRY ON A PRINTED CIRCUIT BOARD MAY CHANGE WITHOUT AFFECTING THE INTERCHANGEABILITY OF A COMPLETE BOARD. THIS DIAGRAM MAY NOT SHOW THE EXACT COMPONENTS OR CIRCUITRY OF CONTROLS HAVING A COMMON CODE NUMBER.

UNLESS OTHERWISE SPECIFIED TOLERANCE ON 2 PLACE DECIMALS IS ±.02 ON 3 PLACE DECIMALS IS ±.002 ON ALL ANGLES IS ± 5 OF A DEGREE MATERIAL TOLERANCE (") TO AGREE WITH PUBLISHED STANDARDS.

THE LINCOLN ELECTRIC CO. CLEVELAND, OHIO U.S.A. DATE 6-1-81 SCALE AS SHOWN

TYPE LN-8 SUBJECT OPERATING SCHEMATIC SUP'D DRG 12-20-71 SHEET NO. M-12251