

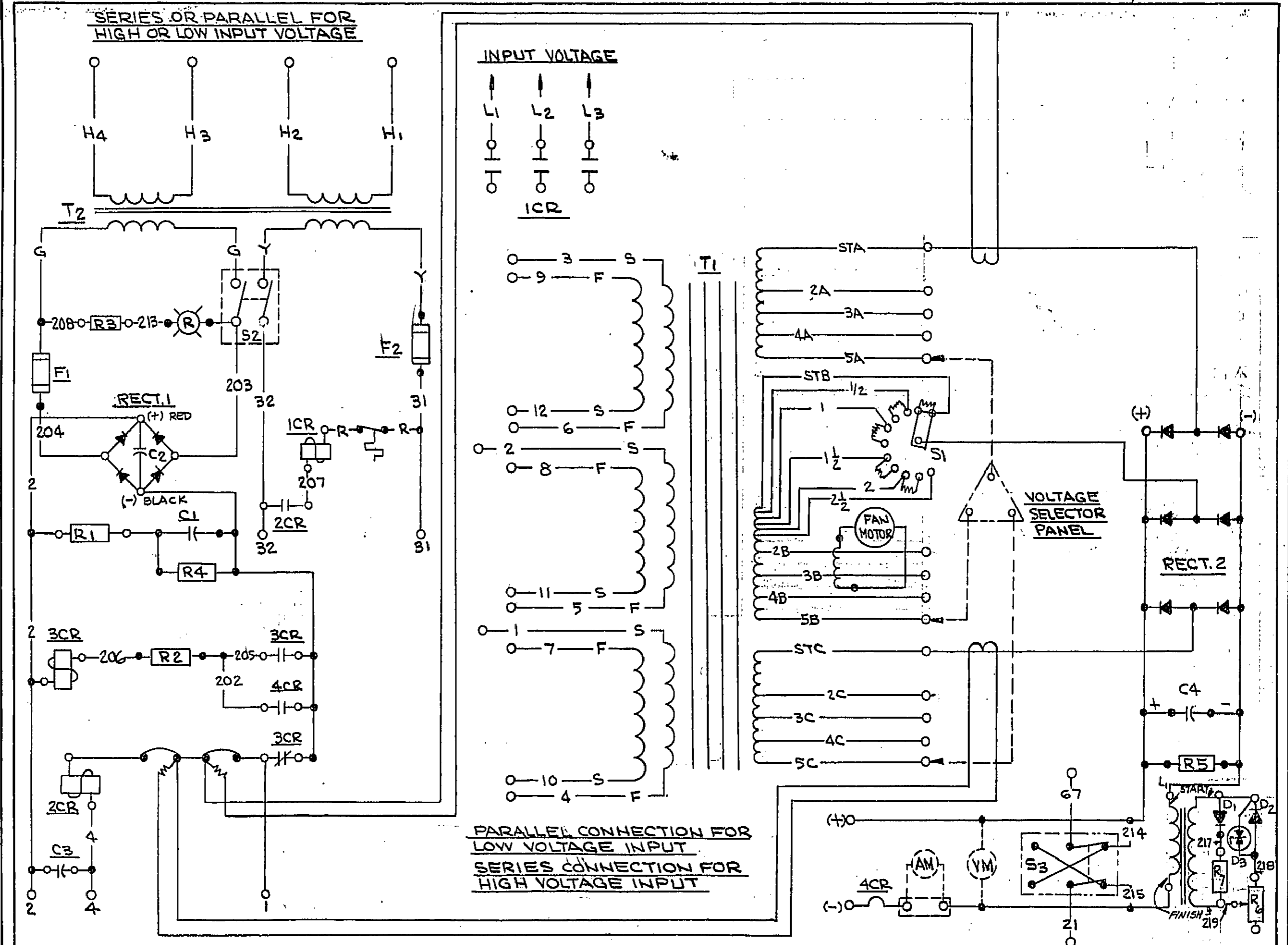
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FIG. 6:68 REV. 7-71

EO511-W

LEGEND

- C1 - 200 MFD.
- C2 - .47 MFD.
- C3 - .47 MFD.
- C4 - 5 MFD.
- F1 - 4 AMP.
- F2 - 8 AMP.
- L1 - CHOKE
- R1 - 3 Ω
- R2 - 500 Ω
- R3 - 700 Ω
- R4 - 27 K. Ω
- R5 - 1000 Ω
- S1 - VOLTAGE SELECTOR
- S2 - POWER ON-OFF SWITCH
- S3 - CONTROL CIRCUIT SWITCH
- T1 - MAIN TRANSFORMER
- T3 - AUX. TRANSFORMER
- ICR - INPUT CONTACTOR S-67
- 2CR - PILOT RELAY
- 3CR - OVERLOAD PROTECTION
- 4CR - REED SWITCH (MAIN POWER)
- RECT.1 - AUX. POWER RECTIFIER
- RECT.2 - MAIN POWER RECTIFIER
- R6 - 100 OHM.
- R7 - 50 OHM
- D1 - 16 AMP
- D2 - 16 AMP
- D3 - THYRECTOR DIODE



10-25-68
4-4-69A

SUBJECT: R3S-300 SCHEMATIC WIRING DIAGRAM
THE LINCOLN ELECTRIC CO.
CLEVELAND, OHIO U.S.A. M-11503

TOLERANCES UNLESS OTHERWISE SPECIFIED
± 1/4 ON ALL FRACTIONAL DIMENSIONS
± .002 ON ALL DECIMAL DIMENSIONS
± 1/8° ON ALL ANGLES

THE LINCOLN ELECTRIC CO.
CLEVELAND, OHIO U. S. A.
DATE 5-20-68 SCALE

Chg. Sht. No.					

TYPE IDEAL ARC R3S-300
SUBJECT SCHEMATIC WIRING DIAGRAM
SUP'S'D DRG. DR. LIP. CHK. APP. SHEET NO. M-11503