

PRINTED

69L11-W

LEGEND

- C₁ - 200 MFD
- C₂ - .47 MFD
- C₃ - .47 MFD
- C₄ - 5 MFD
- C₅ - .01 MFD
- C₆ - .01 MFD
- F₁ 4 AMP
- F₂ 10 AMP
- L₁ - CHOKE
- R₁ - 3 Ω

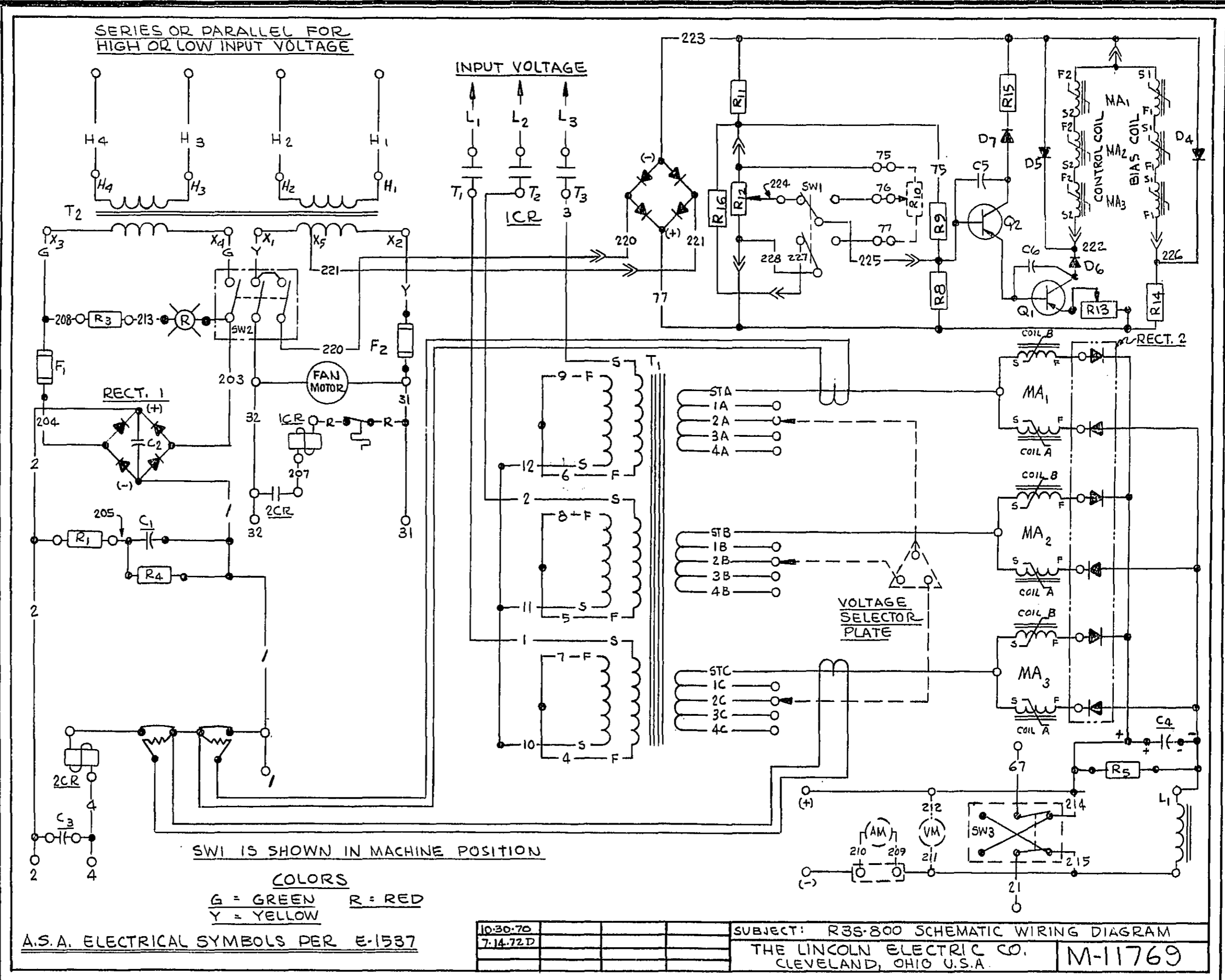
- R₃ - 700 Ω
- R₄ - 27 K Ω
- R₅ - 1000 Ω
- R₈ - 3.9 K Ω
- R₉ - 3.0 K Ω
- R₁₀ - 10K Ω
- R₁₁ - 1.5 K Ω
- R₁₂ - 10K Ω
- R₁₃ - 3.0 Ω 25 W
- R₁₄ - 4.8 Ω, 10 W
- R₁₅ - 100 Ω
- R₁₆ - 10K Ω

- T₁ - MAIN TRANSFORMER
- T₂ - AUX. TRANSFORMER
- MA₁ - } MAG-AMP TRANSFORMER
- MA₂ - }
- MA₃ - }
- ICR - INPUT CONTACTOR
- 2CR - PILOT RELAY

- RECT. 1 - AUX. POWER RECT.
- RECT. 2 - MAIN POWER RECT.
- RECT. 3 - CONTROL CIRCUIT RECT.
- SW1 - VOLTAGE CONTROL
- SW2 - POWER ON-OFF SWITCH
- SW3 - CONTROL CIRCUIT SWITCH

- Q1 - 2N1540
- Q2 2N4125
- D4 - 1AMP
- D5 - 1AMP
- D6 - 3AMP
- D7 - 1AMP

UNLESS OTHERWISE SPECIFIED, TOLERANCE
 ON 2 PLACE DECIMALS IS ±.02
 ON 3 PLACE DECIMALS IS ±.002
 ON ALL ANGLES IS ±.5 DEGREE



SW1 IS SHOWN IN MACHINE POSITION

COLORS

- G = GREEN
- R = RED
- Y = YELLOW

A.S.A. ELECTRICAL SYMBOLS PER E-1537

10-30-70
7-14-72.D

SUBJECT: R3S-800 SCHEMATIC WIRING DIAGRAM
 THE LINCOLN ELECTRIC CO.
 CLEVELAND, OHIO U.S.A.

M-11769

THE LINCOLN ELECTRIC CO.
 CLEVELAND, OHIO U.S.A.

DATE 8-19-65 SCALE 1/4

Chg. Sht. No.

TYPE IDEALARC R3S-800

SUBJECT SCHEMATIC WIRING DIAGRAM

SUP'S'D DRG. DR. APP. SHEET NO. M-11769