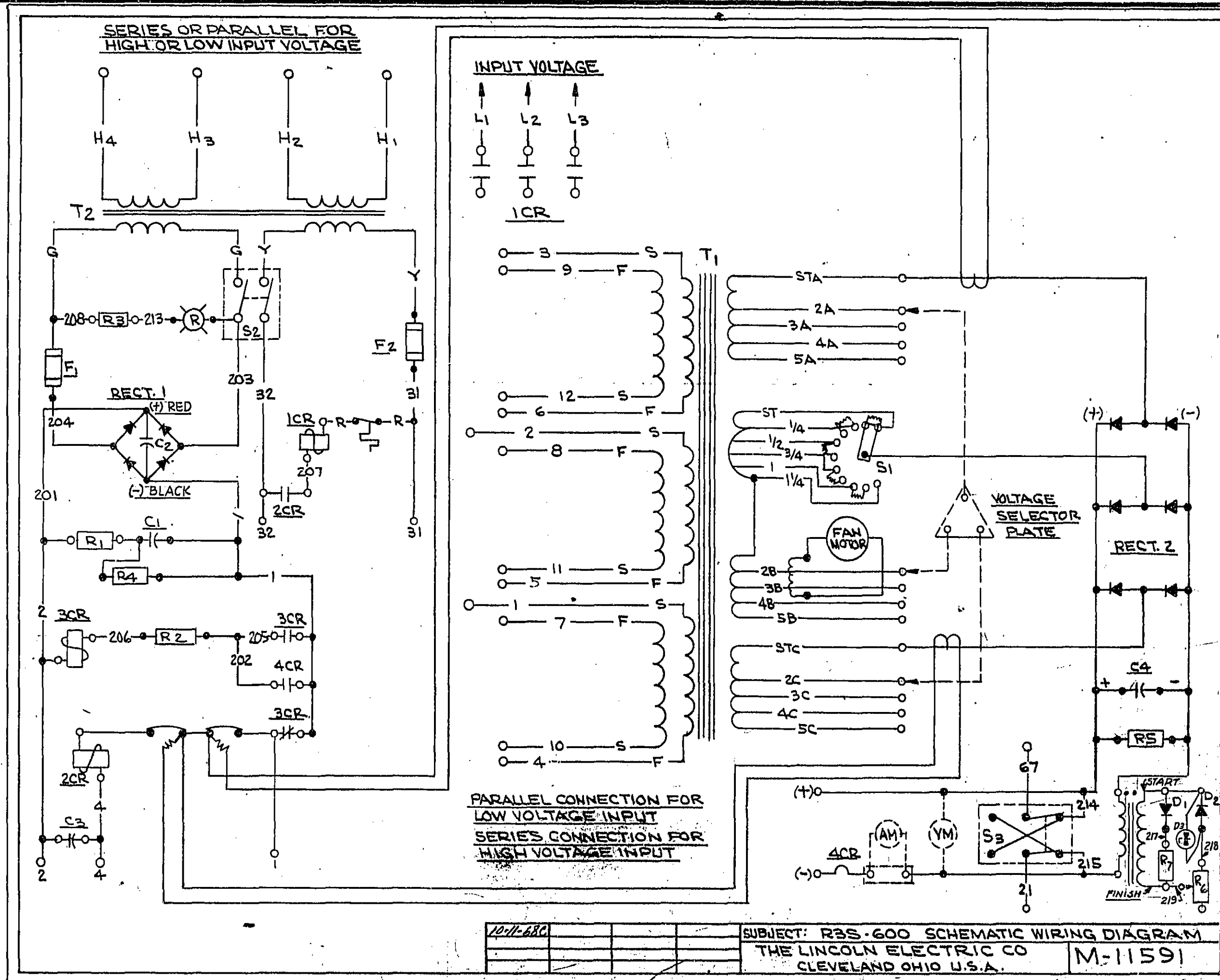


6-69 7-10

16511-W

LEGEND

C₁ - 200MFD
 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
 T₂ - AUX TRANSFORMER
 RECT. 1 - AUXILLARY POWER RECT.
 RECT. 2 - MAIN POWER RECT.
 ICR - INPUT CONTACTOR - S-67
 2CR - PILOT RELAY
 3CR - OVERLOAD PROTECTION
 4CR - REED SWITCH
 R₆ - 100 OHM
 R₇ - 50 OHM
 D₁ - 16 AMP
 D₂ - 16 AMP
 D₃ - THYRECTOR DIODE



TOLERANCES UNLESS OTHERWISE SPECIFIED
 ± 1/4 ON ALL FRACTIONAL DIMENSIONS
 ± .002 ON ALL DECIMAL DIMENSIONS
 ± 1/2° ON ALL ANGLES

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

DATE 9-9-68 SCALE

Chg. Sht. No.

TYPE IDEALARC R3S-600
 SUBJECT SCHEMATIC WIRING DIAGRAM

SUP'D DRG (M-11499) DR LJP CHK. APP. SHEET NO. M-11591