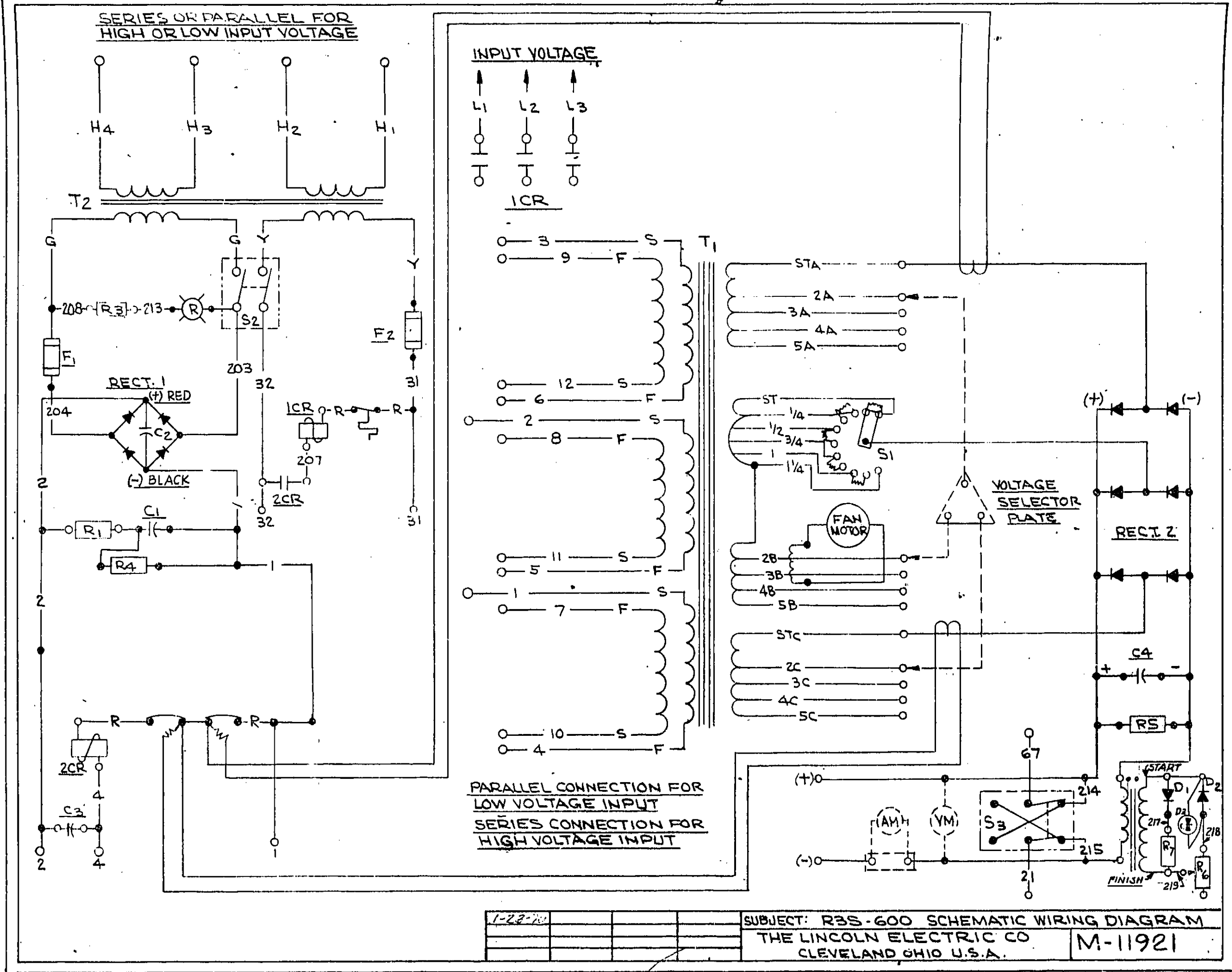


17611-W

**LEGEND**

- C<sub>1</sub> - 200MFD
- C<sub>2</sub> - .47 MFD
- C<sub>3</sub> - .47 MFD
- C<sub>4</sub> - 5 MFD
- F<sub>1</sub> - 4 AMP.
- F<sub>2</sub> - 8 AMP.
- L<sub>1</sub> - CHOKE
- R<sub>1</sub> - 3 Ω
  
- R<sub>3</sub> - 700 Ω
- R<sub>4</sub> - 27K Ω
- R<sub>5</sub> - 1000 Ω
- S<sub>1</sub> - VOLTAGE SELECTOR
- S<sub>2</sub> - POWER ON-OFF SWITCH
- S<sub>3</sub> - CONTROL CIRCUIT SWITCH
- T<sub>1</sub> - MAIN TRANSFORMER
- T<sub>2</sub> - AUX TRANSFORMER
- RECT. 1 - AUXILIARY POWER RECT.
- RECT. 2 - MAIN POWER RECT.
- ICR - INPUT CONTACTOR .S.67
- ZCR - PILOT RELAY
  
- R<sub>6</sub> - 100 OHM
- R<sub>7</sub> - 50 OHM
- D<sub>1</sub> - 16 AMP
- D<sub>2</sub> - 16 AMP
- D<sub>3</sub> - THYRECTOR DIODE



1-22-70

SUBJECT: R3S-600 SCHEMATIC WIRING DIAGRAM  
 THE LINCOLN ELECTRIC CO  
 CLEVELAND, OHIO U.S.A. M-11921

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 1-12-70 SCALE

TYPE IDEALARC R3S-600  
 SUBJECT SCHEMATIC WIRING DIAGRAM  
 SUP'S'D DRG (M-11591) DR. J. J. P. CHK. APP. SHEET NO. M-11921