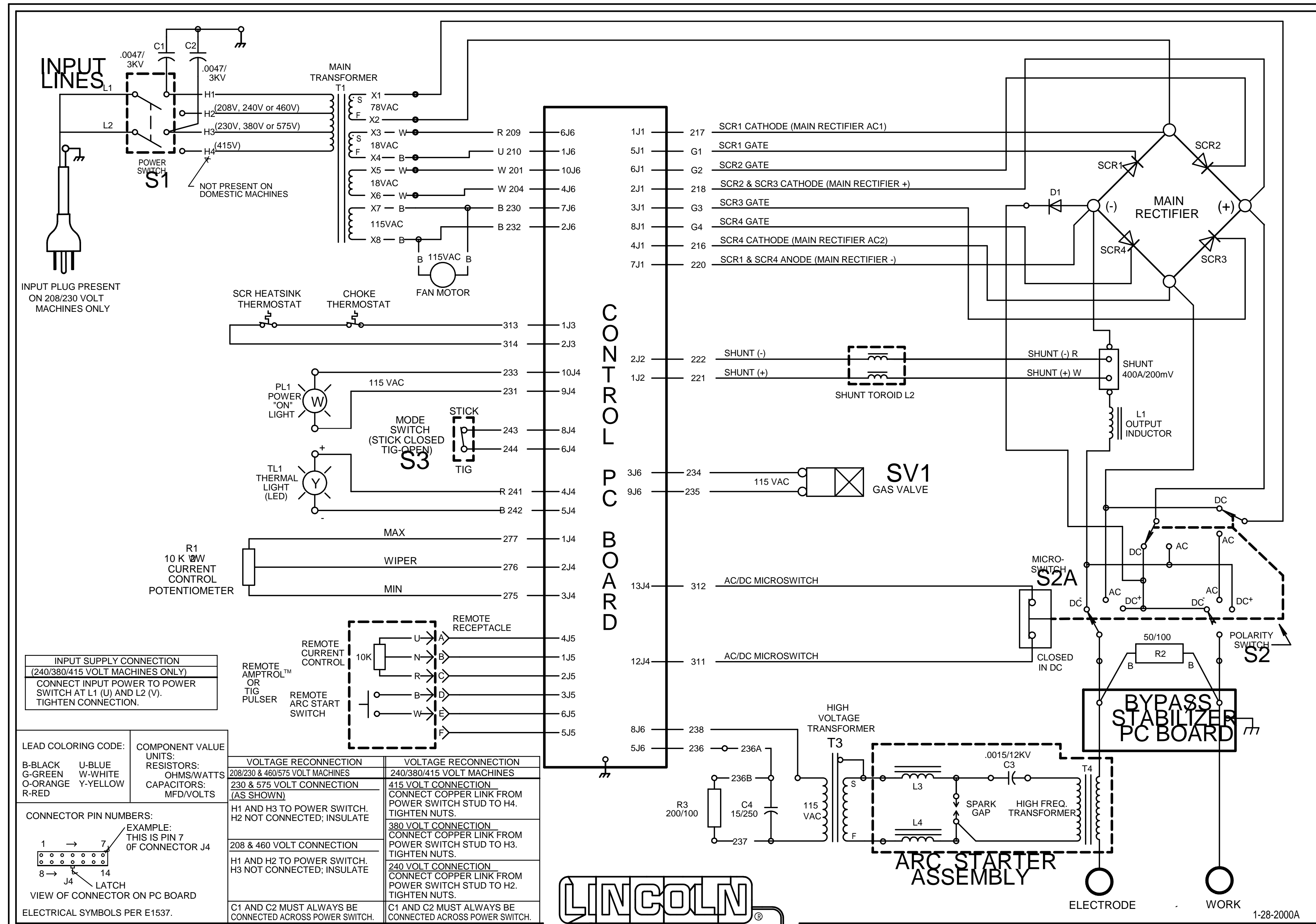


# MACHINE SCHEMATIC - SW TIG 175/175 PRO



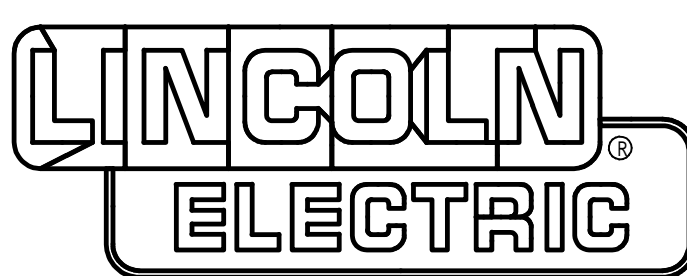
**INPUT SUPPLY CONNECTION**  
(240/380/415 VOLT MACHINES ONLY)  
CONNECT INPUT POWER TO POWER SWITCH AT L1 (U) AND L2 (V). TIGHTEN CONNECTION.

LEAD COLORING CODE:	COMPONENT VALUE UNITS:
B-BLACK	RESISTORS: OHMS/WATTS
G-GREEN	CAPACITORS: MFD/VOLTS
O-ORANGE	
R-RED	
U-BLUE	
W-WHITE	
Y-YELLOW	

**CONNECTOR PIN NUMBERS:**  
EXAMPLE: THIS IS PIN 7 OF CONNECTOR J4

LATCH  
VIEW OF CONNECTOR ON PC BOARD  
ELECTRICAL SYMBOLS PER E1537.

VOLTAGE RECONNECTION	VOLTAGE RECONNECTION
208/230 & 460/575 VOLT MACHINES	240/380/415 VOLT MACHINES
230 & 575 VOLT CONNECTION (AS SHOWN)	415 VOLT CONNECTION CONNECT COPPER LINK FROM POWER SWITCH STUD TO H4. TIGHTEN NUTS.
H1 AND H3 TO POWER SWITCH. H2 NOT CONNECTED; INSULATE	380 VOLT CONNECTION CONNECT COPPER LINK FROM POWER SWITCH STUD TO H3. TIGHTEN NUTS.
208 & 460 VOLT CONNECTION	240 VOLT CONNECTION CONNECT COPPER LINK FROM POWER SWITCH STUD TO H2. TIGHTEN NUTS.
H1 AND H2 TO POWER SWITCH. H3 NOT CONNECTED; INSULATE	
C1 AND C2 MUST ALWAYS BE CONNECTED ACROSS POWER SWITCH.	C1 AND C2 MUST ALWAYS BE CONNECTED ACROSS POWER SWITCH.



CLEVELAND, OHIO U.S.A.

L10059

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