



- NOTES**
- K1 - MAIN SUPPLY CONTACTOR FOR HEATING ELEMENTS (117 VAC, 3PST)
 - K2 - CONTROL CIRCUIT POWER ON LATCHING RELAY (24 VAC, DPDT)
 - K3 - CONTACTOR CONTROLLING POWER TO 117VAC TRANSFORMERS (117 VAC, 3PST)
 - K4 - PLC DIGITAL OUTPUT MAIN_POWER_LATCH
 - K5 - RELAY CONTROLLING K1 (24 VAC, DPDT)
 - K6 - RELAY CONTROLLING 117 VAC OUTPUT OF TR0 (24 VAC, DPDT)
 - K7 - PLC DIGITAL OUTPUT LAMP_POWER_CTRL LATCH
 - K8 - OPTIONAL OVERTEMPERATURE MONITOR RELAY (REPLACES P15)
 - K9 - OPTIONAL UPS RELAY FOR TR0 SWITCHED 117 VAC TERMINALS (24 VAC, DPDT)
 - VRX - TRANSIENT SURGE SUPPRESSOR X
 - 1. FOR INPUT VOLTAGE OF 380 VAC OR GREATER, CB1, CB3, CB4, CB5 ARE 5 AMP. FOR INPUT VOLTAGE OF 277 VAC OR LESS, CB1, CB3, CB4, CB5 ARE 6 AMP.
 - 2. CONNECT TAP ACCORDING TO LINE VOLTAGE.

PIN #	VOLTAGE
2	208
3	220
4	240
5	277
6	380
7	415
8	440
9	480

3. ALL COMPONENTS EXCEPT AS NOTED ARE LOCATED ON THE POWER DISTRIBUTION PANEL.
 4. ALL WIRES #18 AWG EXCEPT WHERE NOTED.
 5. CONNECTOR P15 IS REPLACED WHEN THE OVER TEMP OPTION IS INSTALLED. SEE THE OVER TEMP. MONITOR WIRING SCHEMATIC FOR DETAILS. PN101677
 6. SWITCH LABEL STARTS FROM SW1. TOTAL # OF SWITCHES IS VARIES FROM MACHINE TO MACHINE.

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OBO#6

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REV	DESCRIPTION	DATE	APPROVED	ISSUED	J. CLARK	7/24/07	7/24/07
D	AS BUILT	9/15/08	S. BARBER	CHECKED	S. BARBER	7/14/07	7/14/07
C	GROUND WIRE COLOR, K9 NOTE, SURGE SUPPRESSOR	7/24/07	S. BARBER	ISSUED	J. CLARK	7/24/07	7/24/07

POWER CONTROL, ELECTRICAL SCHEMATIC
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