

**T1 CONNECTION TABLE**

INPUT	JUMPER
120	H1-H3, H2-H5
208	H2-H4 (2)
240	H2-H3 (2)

STANDARD TRANSFORMER (NOTE 4)

XX kAIC CB1 XXA

TRANSFORMER T1 (STD.)

SCR MODULE ASSY A16

RECTIFIER ASSEMBLY PC BOARD A3

DC FILTERING ASSEMBLY A7

XX kAIC CB2 XXA

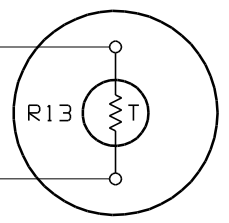
DC OUTPUT XXXVDC-XXADC

TRANSFORMER T1 (OPT.)

(NOTE 7) F1 XXA

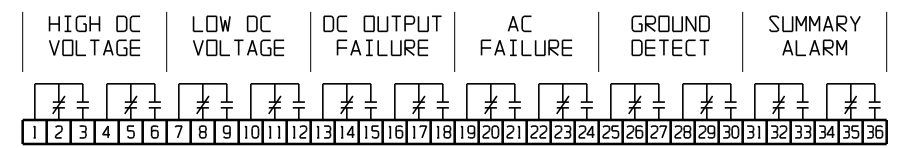
AUX ALARM RELAY PC BOARD A5

MAIN CONTROL PC BOARD A1



SUMMARY ALARM

SUMMARY ALARM TERMINAL BLOCK TB3 (NOTE 2)



- NOTES:**
- FOR COMPONENT DETAILS OF ALL PC BOARDS (A1, A5, A11, etc.) SEE DRAWING JE5030-19.
  - ALL ALARM CONTACTS SHOWN IN NON-ALARM STATE. CONTACT RATING IS 0.5A @ 125VAC/VDC RESISTIVE.
  - WHEN REMOTE SENSE IS USED, THE VOLTAGE SENSE LEADS RUN FROM R14 TO REMOTE SENSE(-), AND FROM TB5-2 TO REMOTE SENSE(+). REFER TO CONNECTION DIAGRAM FOR WIRING DETAILS.
  - POWER TRANSFORMER (T1) HAS MULTIPLE TAPS FOR 120/208/240 VAC.
  - A TWO-POLE DC CIRCUIT BREAKER IS SUPPLIED ON 130VDC UNITS AND ALL UNITS WITH MEDIUM/HIGH AMPERE INTERRUPTING CAPACITY BREAKERS.
  - CIRCUIT BREAKER INTERCONNECTION TERMINAL BLOCK (TB6) IS USED WHEN MEDIUM OR HIGH AMPERE INTERRUPTING CAPACITY BREAKERS ARE SUPPLIED.
  - OPTIONAL 480 VAC INPUT TRANSFORMER FEATURES NO TAPS, BUT 1-POLE AC FUSE (F1) AND MED AIC BREAKERS ARE REQUIRED.

**FEATURED OPTIONS:**

- AC INPUT CIRCUIT BREAKER (MED/HI INT CAPACITY)
- DC OUTPUT CIRCUIT BREAKER (MED/HI INT CAPACITY)
- AUXILIARY RELAY PC BOARD
- DC OUTPUT FILTERING
- BATT ELIMINATOR FILTER
- EXTERNAL TEMPCD PROBE
- LIGHTNING ARRESTOR

				THIRD ANGLE PROJECTION				
2	E1742	091004		DRAWN BY	MCR	022003	TITLE	AT10.1 SERIES BATTERY CHARGER: SCHEMATIC: 6-25ADC (GROUP I) W/COMMON OPTIONS
1	E1203	040703	<i>OK</i>	APPROVED	<i>OK</i>	022003	DRAWING No	JE5031-99
0	E1142	022003	<i>OK</i>	UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES. TOLERANCES ARE:			REV	2
REV	ECN No	DATE	APP				SCALE	NTS
				PART No		JE5031-99	SHEET 1 OF 1	