

DWG NO.		D4819	REV	B	REVISIONS			
REV	CHG. NO.	ZONE	DESCRIPTION	DATE	BY	CHKR	ENGR	
A			RELEASE TO PRODUCTION	5-09-94	BJB	BKB	G.K.	
B	3574		REVISED PER ECN	06-27-95	BJB	UTS		

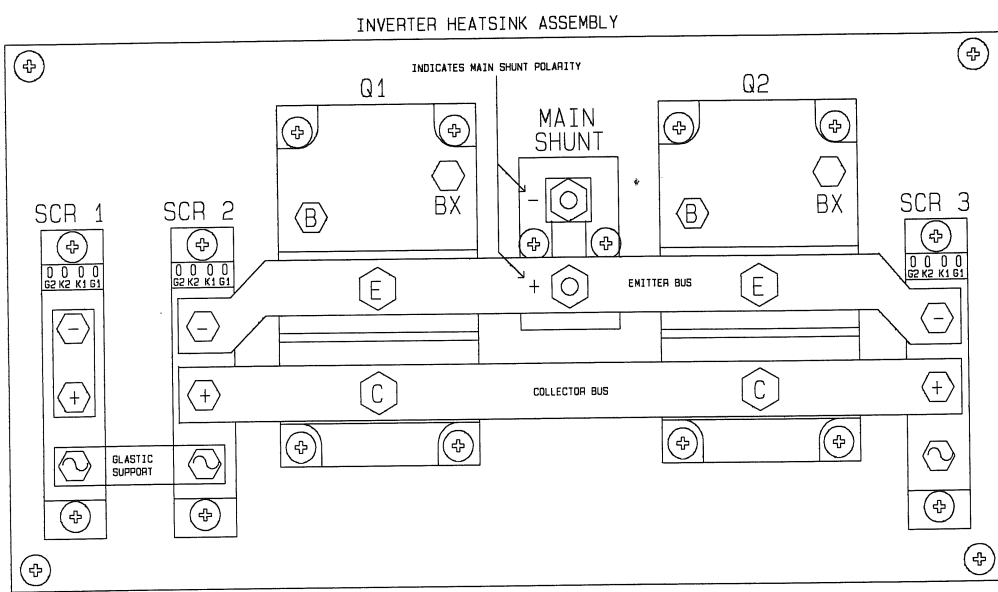


TABLE #2

AC INPUT MONITOR TRANSFORMER 50/60HZ

WHT/BLU	5	10	YEL
GRY	4	9	BLU
GRY	3	8	ORG
WHT/YEL	2	7	ORG
	1	6	

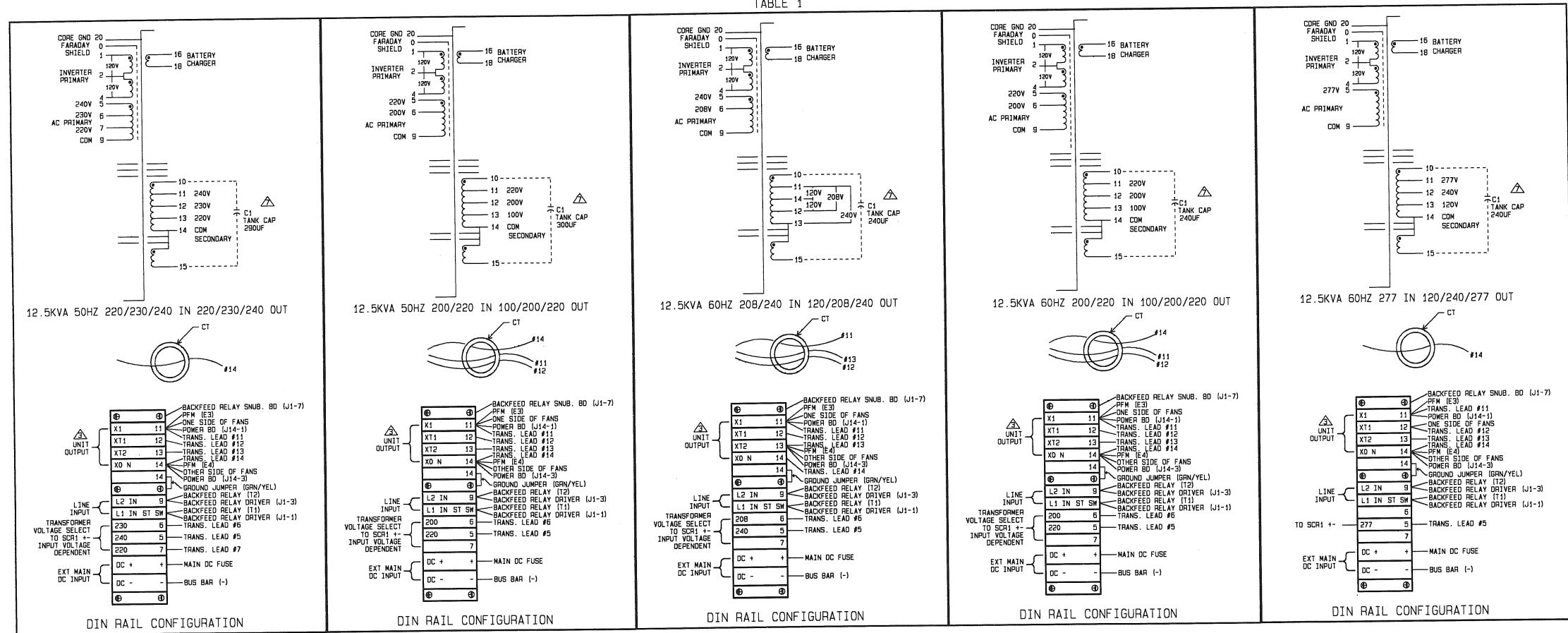
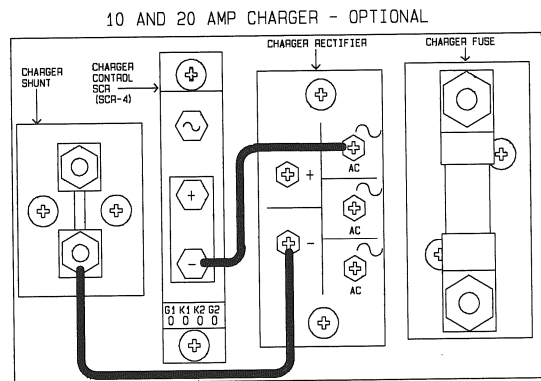
200/208 VAC CONFIGURATION

WHT/BLU	5	10	YEL
GRY	4	9	BLU
GRY	3	8	ORG
WHT/YEL	2	7	ORG
	1	6	

220/230/240 VAC CONFIGURATION

WHT/BLU	5	10	YEL
GRY	4	9	BLU
GRY	3	8	ORG
WHT/YEL	2	7	ORG
	1	6	

277 VAC CONFIGURATION



NOTES:

1. FANS ARE WIRED ACROSS THE 240V TRANSFORMER TAPS AT THE DIN RAIL. IF 240V TAPS ARE UNAVAILABLE, THE FANS ARE WIRED ACROSS 200V TAPS. SEE TRANSFORMER OUTLINE INFORMATION ON SHEET 1 FOR PROPER WIRING.

2. NOT ALL DIN RAIL WIRING OPTIONS ARE SHOWN.

3. BECAUSE OF THE NUMEROUS OUTPUT WIRING OPTIONS OF THIS UNIT THEY WILL NOT BE SHOWN ON THIS SYSTEM SCHEMATIC. SEE THE TECHNICAL REFERENCE MANUAL.

4. NUMBERS IN BOXES REPRESENT TRANSFORMER LEAD NUMBERS WHICH DO NOT CHANGE.

5. ONLY 50HZ UNITS HAVE THIS SECOND GROUND WIRE.

6. FAN WIRES AND OTHER SMALL WIRES WHICH TERMINATE WITH FASTONS (QUICK CONNECTS) ARE FASTENED TO SMALLER DIN BLOCKS, WHICH ARE ATTACHED TO THEIR ASSOCIATED LARGER NUMBERED DIN BLOCK WITH A SHORTING BAR. ONE EXCEPTION TO THIS IS THE BACKFEED RELAY SNUBBER BD J1-3 & J1-7 WHICH ARE CONNECTED IN WITH THE MAIN WIRE.

7. IF A TANK CAPACITOR SHOULD NEED REPLACING OBSERVE THE CAPACITOR CASE TO SEE IF THERE IS A COLORED TOLERANCE DOT INDICATOR. REPLACE THE CAPACITOR WITH ONE OF THE SAME VALUE AND COLORED TOLERANCE DOT INDICATOR. IF TANK CAPACITORS ARE AVAILABLE BUT WITHOUT THE TOLERANCE DOT, MEASURE THE TANK CAPACITORS THAT ARE AVAILABLE AND INSTALL THE TANK CAPACITOR THAT BEST MATCHES THE ONE REMOVED. IF THE TANK CAPACITOR REMOVED HAS A RED DOT ADD 6% TO THE VALUE OF THE CAPACITOR AND THIS WILL BE THE NEW VALUE OF THE ONE THAT REPLACES IT. IF IT HAS A YELLOW DOT ADD 3%, A WHITE DOT SUBTRACT 3% AND IF IT HAS A BLACK DOT SUBTRACT 6%. THE MAIN GOAL TRYING TO BE ACHIEVED IS TO COME AS CLOSE TO THE REQUIRED CAPACITANCE FOR THE FERRO TRANSFORMER AS POSSIBLE.

8. WIRES 16 & 18 OF THE MAIN FERRO-TRANSFORMER HAVE TWO LEADS EACH. IN THE 5 AMP CONFIGURATION ONLY ONE OF EACH IS USED AND THESE ARE THE ONES WITH THE PROPER TERMINATING CONNECTORS FOR THE DESTINATION. THE OTHER TWO ARE INSULATED AND TIE WRAPPED. IN THE 10A & 20A CHARGER BOTH WIRES ARE USED.

DUAL DIMENSION TOLERANCE		APPROVED		TITLE	DATE
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS () TOLERANCES ARE:	DRAWN BY:	DATE		
INCHES +/-	MILLIMETERS +/-	BRIAN J. BALTUS	5-09-94	FE 12.5 KVA SYSTEM SCHEMATIC	5-13-94
FRACTIONAL DIM. +/- 1/16	DEC. DIM. .XX +/- .02	CHECKED BY:	5-13-94		
DEC. DIM. .XX +/- .02	DEC. DIM. .XX +/- .05	ENGINEER:	5-13-94		
ANGLES +/- 2	ANGLES +/- .25	MANUFACTURING ENGINEER:	5-13-94		
DO NOT SCALE DRAWING		QUALITY ASSURANCE:	5-13-94	SIZE	DWG NO.
		ALAN MANTHE		D	D4819
		PART NO.		REV	B
				SCALE:	SHEET 1 OF 2

