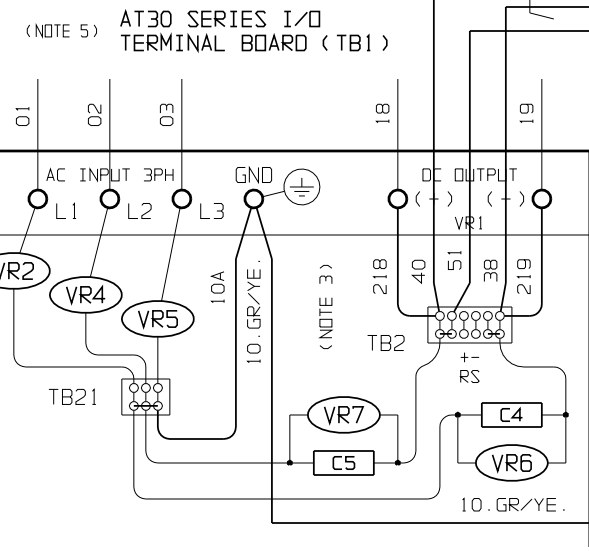


NOTE:
 NUMBER, TYPE, AND ARRANGEMENT OF CONTROL CONTACTS ON 6-PULSE RECTIFIER ASSY (A16) VARIES, BASED UPON UNIT RATING. SEE DETAIL DRAWING (JE5163-00) FOR SPECIFIC SCR MODULE CONTROL WIRING. RECTIFICATION SCHEMATIC LABEL ON SIDE OF SCR MODULE(S) ALSO DETAILS CONTROL CONTACT POINTS.



- NOTES:
- 1) CHARGER COMPONENTS ARE CONNECTED WITH FLAME-RETARDANT SWITCHBOARD INSULATION SYSTEM (SIS) TYPE WIRING, IDENTIFIED ON EACH END WITH NUMBER-CODED MARKERS.
 - 2) GROUND WIRES #10, #47 & #52 ARE GREEN W/YELLOW STRIPE.
 - 3) WHEN REMOTE SENSE IS USED, WIRE #38 CONNECTS J25-08 TO REM SENSE(-), AND #40 CONNECTS J25-10 TO REM SENSE(+).
 - 4) 48/130 VDC ARRANGEMENT SHOWN. IN 12/24 VDC UNITS, R3 IS INTERNAL TO GATE DRIVER PCB (A15), AND WIRES #49 & #51 ARE NOT USED.

- NOTES:
- 5) TERMINAL ORIENTATION ON I/O PANEL (TB1) DIFFERS WITH UNIT ENCLOSURE TYPE (STYLE-5030 SHOWN). SEE DETAIL DRAWING (JE5163-00) OR CORRESPONDING INTERNAL COMPONENT DRAWING FOR EXACT LAYOUT OF INDIVIDUAL I/O PANELS.
 - 6) IN FILTERED UNITS, WIRE #50 CONNECTS TO INDUCTOR INTERCONNECT POINT (E13) AS SHOWN. WIRE #50 CONNECTS TO CB2-1(+) IN UNFILTERED UNITS.
 - 7) SEE DETAIL DRAWING (JE5163-00) FOR LAYOUT & WIRING OF SPECIFIC SCR MODULE (A16).

REV	ECN No	DATE	DRAWN BY		ELECTRONIC APPROVAL SIGNATURES MAINTAINED BY MFG ECN LOG		UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES. TOLERANCES ARE:	
3	-N/A-	082921	MCR		012307			
2	23040	022712						
1	21119	043008						
0	20522	012307						

TITLE		AT30 SERIES BATTERY CHARGER CONNECTION DIAGRAM: MAIN CONTROL (SIGNAL) WIRING		
DRAWING No		JE5094-00		REV 3
SCALE	NTS	PART No	JE5094-00	SHEET 1 OF 1