



I/O TERMINAL	DESCRIPTION - TYPE	CONNECTION
TB1(+/-)	POS/NEG DC OUTPUT TERMS - CU-ALUMINUM COMPRESSION LUG	#14-6 AWG
REM SENSE(+/-)	POS/NEG REMOTE SENSE TERMINALS - 10-32 ZPS STUDS	#10 RING LUG
TB1-GND	USER GROUND TERMINAL - CU-ALUMINUM COMPRESSION LUG	#14-6 AWG
TB1-L1/L2	AC INPUT TERMINALS - CU-ALUMINUM COMPRESSION LUG	#14-6 AWG
TB3	SUMMARY ALARM TERMINAL BLOCK - SOLDERLESS COMP SCREW	#22-14 AWG
TB8	TEMPCO PROBE (A10) TERM BLK - SOLDERLESS COMP SCREW	#22-14 AWG

- NOTES:
- 1) FOR DETAIL VIEWS OF ALL PC BOARDS (A1, A5, etc.) SEE DRAWING JE5030-10.
 - 2) GATE DRIVER PC BOARD (A3) AND RECTIFIER SCR MODULE (A16) ARE CONTAINED WITHIN ONE ASSEMBLY EJ5085-00 (LISTED AS "A6" IN PARTS DATA PACKAGE REPORT).
 - 3) SAFETY SHIELD DISPLAYS COMPONENT LAYOUT DIAGRAM, SCHEMATIC & INSTALLATION NOTES.

AT10.1 GROUP I STANDARD COMPONENTS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
A1	MAIN CONTROL PRINTED CIRCUIT BOARD	VR4/VR5	AC INPUT SURGE SUPPRESSOR (L1/L2)
A3	RECTIFIER GATE DRIVER PC BOARD	VR6/VR7	DC OUTPUT SURGE SUPPRESSOR (-/+)
A16	RECTIFIER SCR MODULE (NOTE 2)		
C4/C5	DC OUTPUT EMI FILTER CAPACITOR (-/+)		
CB1	AC INPUT CIRCUIT BREAKER (STANDARD)		
CB2	DC OUTPUT CIRCUIT BREAKER (STANDARD)		
L1	MAIN INDUCTOR		
R2	CURRENT RATING RESISTOR		
R3	PWR SUPPLY BALLAST RESISTOR (130VDC)		
R4	SCALING RESISTOR (POSITIVE LEG)		
R6	VOLTAGE CROWBAR RESISTOR		
R14	SCALING RESISTOR (NEGATIVE LEG)		
T1	POWER ISOLATION TRANSFORMER		
TB3	SUMMARY ALARM CONTACTS		
TB5	RESISTOR (R4/R6) TERMINAL BLOCK		
TB8	TEMPCO PROBE (A10) TERMINAL BLOCK		
VR1	DC OUTPUT SURGE SUPPRESSOR (- TO +)		
VR2	AC INPUT SURGE SUPPRESSOR (L1 TO L2)		

FEATURED AT10.1 GROUP I OPTION COMPONENTS

REV	ECN No	DATE	APP							
3	27436	021020	MCT	THIRD ANGLE PROJECTION	TITLE AT10.1 SERIES BATTERY CHARGER (STANDARD) INTERNAL COMPONENT LAYOUT: STYLE-586/594					
2	E2029	042805	MCR							
1	E1742	091004	GRB	ELECTRONIC APPROVAL SIGNATURES MAINTAINED BY MFG ECN LOG	DRAWING No JE5027-00				REV 3	B
0	E1154	022703	OK		UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES. TOLERANCES ARE:					
					SCALE NTS	PART No JE5027-00	SHEET 1 OF 1			