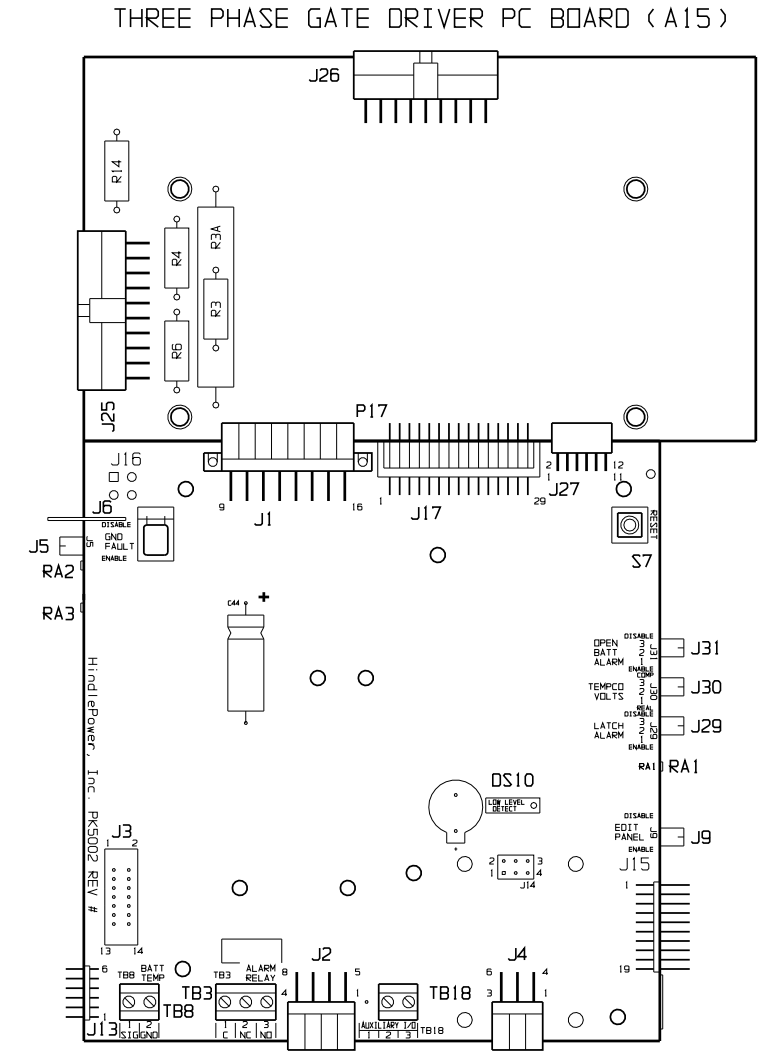
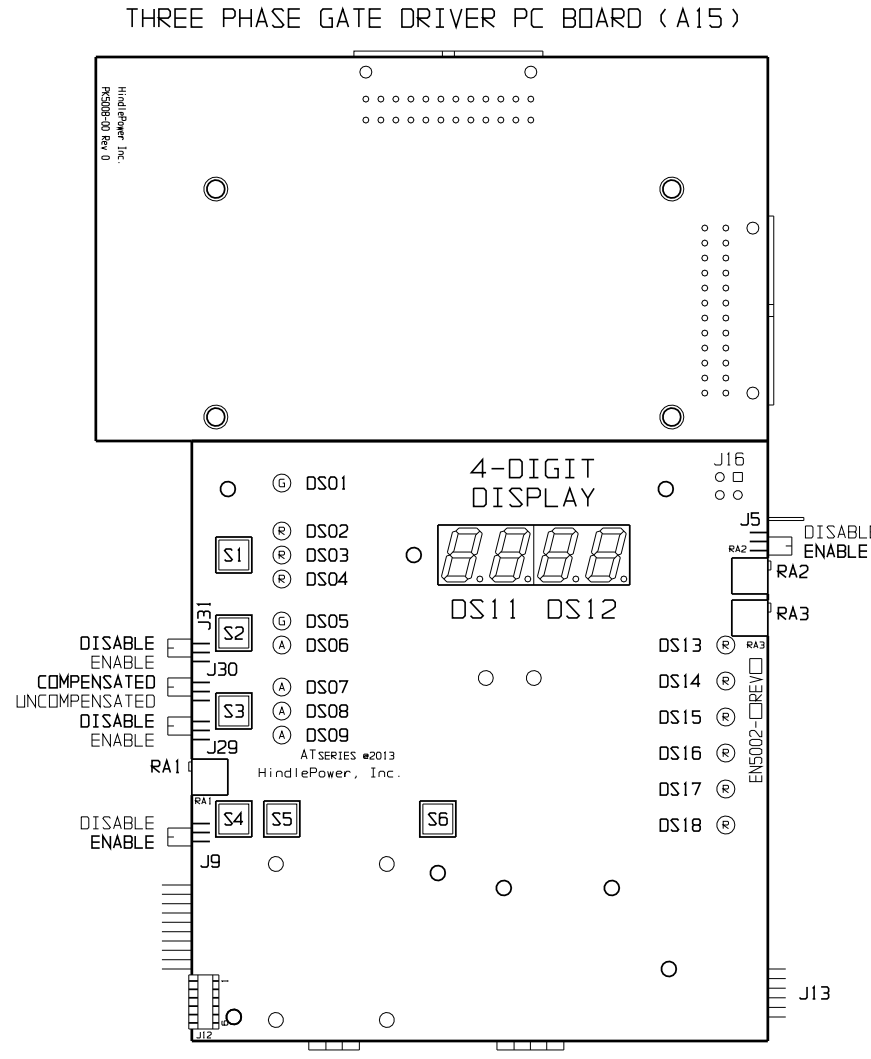
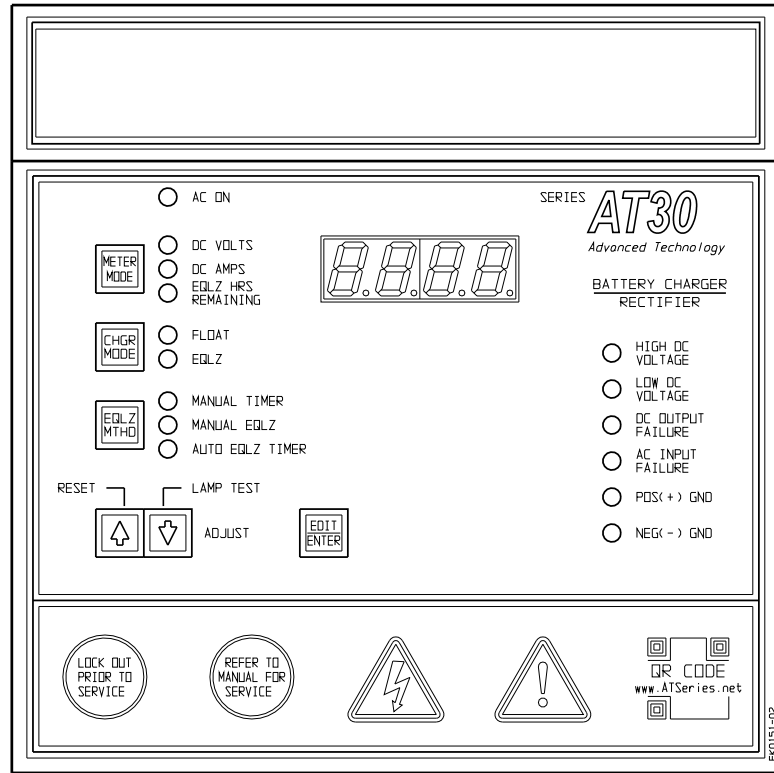
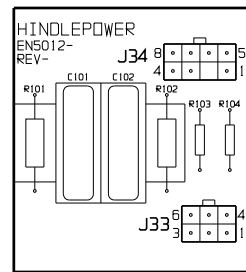


- INDICATOR LIGHTS (LEDs):
- DS01 - GREEN - AC ON
 - DS02 - RED - DC VOLTS
 - DS03 - RED - DC AMPERES
 - DS04 - RED - EQUALIZE HRS REMAINING
 - DS05 - GREEN - FLDAT
 - DS06 - AMBER - EQUALIZE
 - DS07 - AMBER - MANUAL TIMER
 - DS08 - AMBER - MANUAL EQUALIZE
 - DS09 - AMBER - AUTO EQUALIZE TIMER
 - DS10 - RED - LOW LEVEL DETECT
 - DS11 - RED - (METER DISPLAY)
 - DS12 - RED - (METER DISPLAY)
 - DS13 - RED - HIGH DC VOLTAGE
 - DS14 - RED - LOW DC VOLTAGE
 - DS15 - RED - DC OUTPUT FAILURE
 - DS16 - RED - AC INPUT FAILURE
 - DS17 - RED - POS(+) GROUND FAULT
 - DS18 - RED - NEG(-) GROUND FAULT



NOTE: UNLESS OTHERWISE SPECIFIED, ALL ALARM TERMINAL BLOCKS (TB3/TB4/TB8) ARE SOLDERLESS COMPRESSION SCREW TERMINALS, ACCEPTING #22-14 AWG WIRE. ALL ALARM CONTACTS SHOWN IN NON-ALARM STATE, WITH CHARGER ENERGIZED AND ALARM RELAYS ENERGIZED (FAIL SAFE). ALL ALARM CONTACTS WILL CHANGE STATE WHEN CHARGER IS POWERED DOWN. CONTACT RATING IS 0.5A @ 125VAC/VDC RESISTIVE.



- OTHER CONTROLS:
- RA1 - LOW LEVEL DETECT ADJUST
 - RA2 - GROUND FAULT BALANCE
 - RA3 - GROUND FAULT SENSITIVITY

- NON-USER ACCESSED JUMPERS:
- J3 - OLD A5 RIBBON CONNECTOR
 - J12 - BOARD PROGRAMMING
 - J14 - OLD FORCED LOAD SHARING
 - J15 - MANUFACTURING TEST
 - J16 - OLD INTERNAL TEMP

- USER JUMPERS:
- J1 - not used with 3PH (MAINFRAME SIGNAL HARNESS)
 - J2 - AUX ALARM RELAY BOARD (A5) SERIAL CONNECTOR
 - J4 - FORCED LOAD SHARING CABLE INTERCONNECTOR
 - J5 - GROUND FAULT ENABLE/DISABLE
 - J6 - EARTH GROUND CONNECTOR
 - J9 - FRONT PANEL ENABLE/DISABLE (LOCKOUT)
 - J13 - COMMUNICATIONS PC BOARD (A12) INTERCONNECTOR
 - J17 - 3PH GATE DRIVER PC BOARD (A15) INTERCONNECTOR
 - J25 - MAINFRAME CONTROL SIGNAL HARNESS
 - J26 - SCR FIRING CONTROL HARNESS (3 PHASE/6 PULSE)
 - J27 - 3PH GATE DRIVER PC BOARD (A15) INTERCONNECTOR
 - J29 - LATCHING ALARMS ENABLE/DISABLE SELECTOR
 - J30 - TEMPCO VOLTAGES (COMPENSATED/LNCOMP) SELECTOR
 - J31 - BATTERY OPEN ALARM ENABLE/DISABLE SELECTOR

- SWITCHES:
- S1 - METER MODE
 - S2 - CHARGER MODE
 - S3 - EQUALIZE METHOD
 - S4 - Δ ADJUST
 - S5 - ▽ ADJUST
 - S6 - EDIT / ENTER
 - S7 - PROCESSOR MANUAL RESET
- TERMINAL BLOCKS:
- TB3 - SUMMARY ALARM RELAY CONTACTS
 - TB8 - OPT TEMPCO PROBE (A10) CONN
 - TB18 - REM SHUTDOWN INTERFACE

8	-N/A-	082721	THIRD ANGLE PROJECTION	TITLE AT30 SERIES BATTERY CHARGER (STANDARD) CONTROL PANEL / PC BOARD DETAIL
7	-N/A-	-N/A--		
6	25008	071415	DRAWN BY MCR	051705
5	23259	071312	ELECTRONIC APPROVAL SIGNATURES MAINTAINED BY MFG ECN LOG	
4	23006	020812	UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES. TOLERANCES ARE:	
REV	ECN No	DATE		
DRAWING No		JE5091-30		REV 8
SCALE		NTS	PART No	JE5091-30
SHEET		1	OF 1	