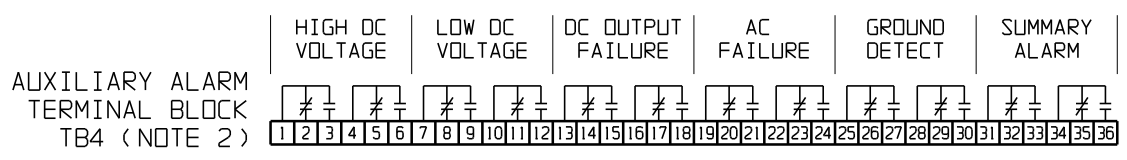


INPUT	JUMPER
120	H1-H3, H2-H5
208	H2-H4 (2)
240	H2-H3 (2)

STANDARD TRANSFORMER (NOTE 4)

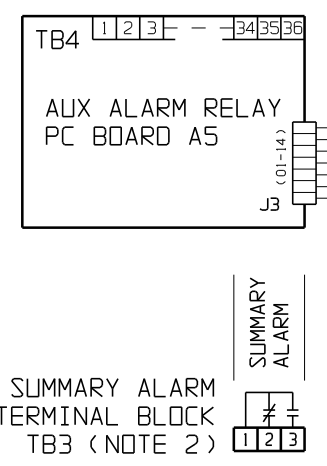
A C I N P U T (NOTE 8)  
120/208/240 OR 480V-1Ø-60Hz



- NOTES:**
- FOR COMPONENT DETAILS OF ALL PC BOARDS (A1, A5, A11, etc.) SEE DRAWING JE5030-2#.
  - 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 A11-J18-06 TO REMOTE SENSE(-), AND FROM A11-J18-08 TO REMOTE SENSE(+). REFER TO CONNECTION DIAGRAM FOR WIRING DETAILS.
  - UNLESS SPECIALLY ORDERED, POWER ISOLATION TRANSFORMER (T1) IS NOT RE-TAPPABLE, AND IS ONLY RATED FOR LISTED AC INPUT VOLTAGE. OPTIONAL 480VAC INPUT TRANSFORMER (T1) DOES NOT FEATURE TAPS (H2, H3 & H4).
  - AC INPUT PROTECTION CONSISTS OF TWO (2) FUSES (F1/F2) IN SERIES WITH ONE (1) 2-POLE CIRCUIT BREAKER (CB1).
  - DC OUTPUT PROTECTION CONSISTS OF TWO (2) FUSES (F3/F4) IN SERIES WITH ONE (1) 2-POLE CIRCUIT BREAKER (CB2).
  - BALLAST RESISTORS (R3A/R3B) ARE FEATURED EXTERNALLY AS SHOWN FOR 130VDC UNITS. 48VDC UNITS FEATURE ONE (1) EXTERNAL BALLAST RESISTOR (R3). FOR 12 & 24VDC UNITS, BALLAST RESISTOR (R3) IS FEATURED INTERNALLY ON GATE DRIVE PC BOARD (A11), AND J18-19 CONNECTION IS NOT USED.
  - SPECIAL AC INPUT VOLTAGE OPTIONS ALSO AVAILABLE:  
220, 380 OR 416 VAC 50/60 Hz

**FEATURED OPTIONS:**

- AC INPUT CKT BKR & FUSES
- DC OUTPUT CKT BKR & FUSES
- AUXILIARY RELAY PC BOARD
- DC OUTPUT FILTERING
- BATT ELIMINATOR FILTER
- EXTERNAL TEMPCO PROBE
- LIGHTNING ARRESTOR



REV	ECN No	DATE	APP
2	E2141	091305	
1	E1203	040703	<i>MCR</i>
0	E1142	022003	<i>MCR</i>



DRAWN BY MCR 022003  
APPROVED *MCR* 022003

UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES. TOLERANCES ARE:

1075 Saint John Street  
Easton, PA 18042-6661  
PH 610-330-9000 FAX 610-330-8510  
www.hindlepowerinc.com

**HINDLEPOWER**

TITLE AT10.1 SERIES BATTERY CHARGER SCHEMATIC:  
GROUP II (30-100ADC) - W/ALL COMMON OPTIONS

DRAWING No **JE5032-99** REV 2 **B**

SCALE NTS PART No JE5032-99 SHEET 1 OF 1