

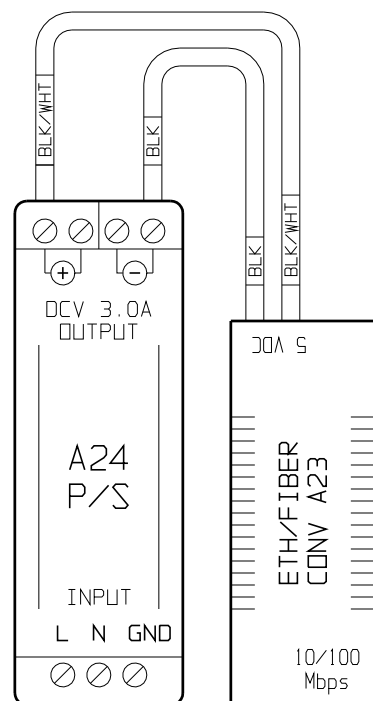
WIRING
DIAGRAM

NOTES:

- 1) FOR DETAIL OF STANDARD COMMUNICATIONS MODULE PC BOARD (A12) SEE DETAIL DRAWING JE5107-20.
- 2) LARGE 130Vdc POWER SUPPLY RESISTOR (R29) SHOWN. SMALLER 48Vdc, 24Vdc, AND 12Vdc VARIANTS MOUNT & WIRE ACCORDINGLY.
- 3) WIRES # 195 & 243 RUN TO AT SERIES CHGR SYSTEM COMMON:
 AT10.1 G1: A3-E10
 AT10.1 G2: W2(-)
 AT30: R1-1(-)
- 4) AT COMMUNICATIONS PCB (A12-J1) AND FIBER-TO-ETHERNET CONVERTER (A23) CONNECTED WITH STANDARD CAT 5E CABLE VIA 10/100 LAN RJ45 SOCKETS.

NOTES:

- 5) B&B Electronics Small Form Pluggable Module for USER-SPECIFIED fiber optic connection.
- 6) SEE TABLE BELOW FOR USER CONNECTIONS.
- 7) FOR COMPLETE MANUAL OF AT SERIES COMMUNICATIONS MODULE OPTION, SEE OPERATING INSTRUCTIONS: JA0102-04.pdf



(NOTE 4)

NOTE 5

AT SERIES
COMM MOD
PC BOARD
ASSY (A12)
SEE NOTE 1

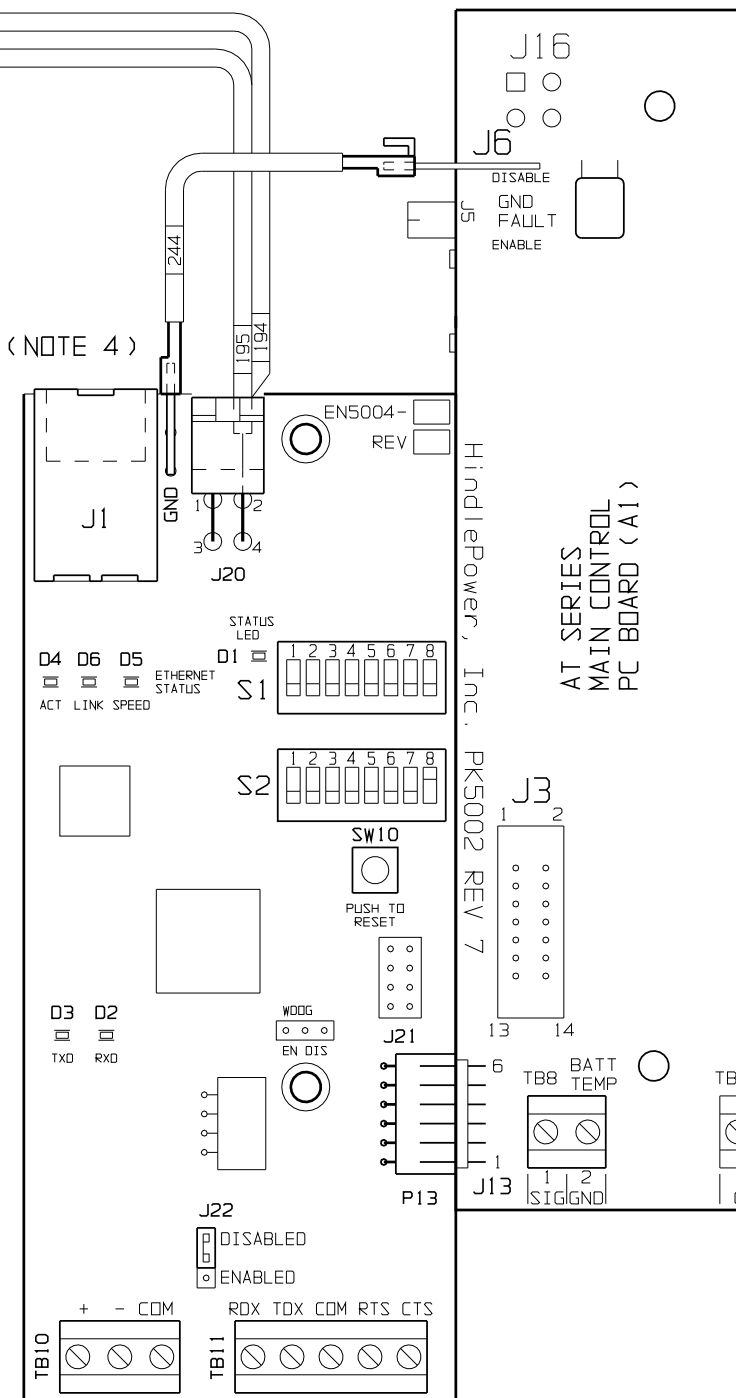
INDICATOR LIGHTS:

- D1 - STATUS LED, SPI COMM
 - D2 - RXD, SERIAL RECEIVE LED
 - D3 - TXD, SERIAL TRANSMIT LED
 - D4 - ACT, ETHERNET ACTIVITY LED
 - D5 - SPEED, ETHERNET 10/100 LED
 - D6 - LINK, ETHERNET STATUS LED
- JUMPERS / CONNECTORS:
 J20 - POWER SUPPLY CONNECTION
 J21 - FACTORY CONNECTION
 J22 - RS-485 TERMINATING RESISTOR (ENABLE/DISABLE)
 P13 - PLUG FOR MAIN CONTROL PCB (A1) (J13 CONNECTION)

SWITCHES:

- S1 - CONFIGURATION SWITCHES
- S2 - MODBUS ADDRESS
- SW10 - RESET BUTTON

(NOTE 4)



FRONT VIEW
FACING CHARGER COMPONENTS
WHEN INSTALLED

I/O TERMINAL	DESCRIPTION - TYPE	CONNECTION
TB10	RS-485 SERIAL TERMINALS - SOLDERLESS COMPRESSION SCREW	#22-14 AWG
TB11	RS-232 SERIAL TERMINALS - SOLDERLESS COMPRESSION SCREW	#22-14 AWG
J1	ETHERNET SERIAL TERMINAL - RJ45 SOCKET	CAT 5,6 UTP
808-####	SMALL FORM PLUGGABLE MODULE - MM##-XX	FIBER ETHERNET
GND	PC BOARD GROUND TERMINAL - SLIP-ON TAB	QC LUG

NOTE 4

NOTE 5

			THIRD ANGLE PROJECTION					
			DRAWN BY MCR 072920	TITLE AT10.1 / AT30 SERIES BATTERY CHARGER FIBER ETHERNET COMMUNICATIONS OPTION				
2	-N/A-	072920	ELECTRONIC APPROVAL SIGNATURES MAINTAINED BY MFG ECN LOG		DRAWING No EJ5284-XX		REV 2	B
1	27184	041219	UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES. TOLERANCES ARE:		SCALE NTS		PART No EJ5284-##	SHEET 1 OF 1
REV	ECN No	DATE						