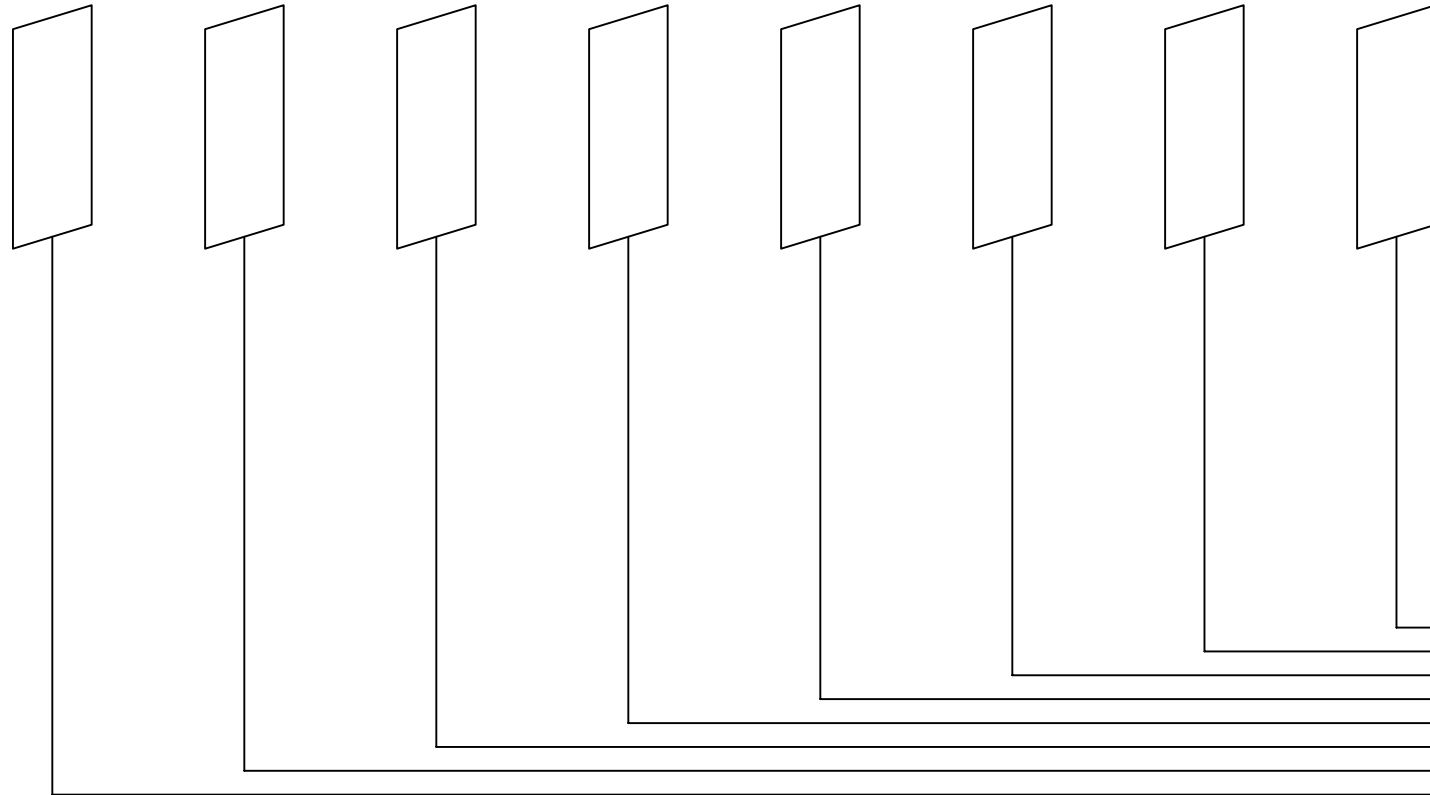
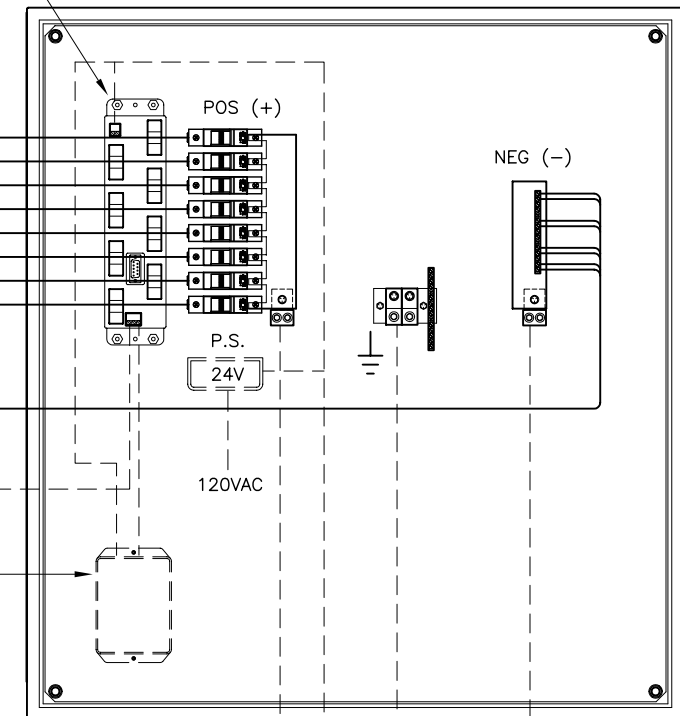


SOLAR ARRAY



OBVIUS
 MODEL: A89DC-08
 SOLAR CURRENT MONITOR WITH
 MODBUS RTU COMMUNICATIONS
 DAISY CHAIN UP TO 32 SCMs
 CONSUMES 382mA
 VOLTAGE: 24 VDC
 8 CHANNELS, @ 50A MAX PER SCM

AMtec SOLAR COMBINER BOX
 (WITH COVER REMOVED)
 P/N PROM8M, (8-STRING)
 ALSO AVAILABLE IN
 16, 24 & 32 STRINGS



NEGATIVE BUS }
 TO ARRAYS

DAISY CHAIN UP TO 32 MODBUS
 SLAVES TO RS485 TERMINAL BLOCK } * RS485 (2C TSP)

OR

OBVIUS
 MODEL: R9120-3T
 TRANSMIT WIRELESS DATA VIA MODHOPPER
 WIRELESS MODBUS/PULSE TRANSCIEVER.
 CONSUMES 200mA, VOLTAGE 9 TO 30VDC
 UP TO 32 MODBUS DEVICE AND
 2 PULSE DEVICES (OPTIONAL).

* RECOMENDED BELDEN 1120A OR EQUAL.

24VDC POWER
 (CUSTOMER SUPPLIED)
 POWER SUPPLY AVAILABLE INSIDE
 COMBINER BOX UPON REQUEST

TO INVERTER }
 POS (+)
 GND
 NEG (-)

REV.	DESCRIPTION	BY	CHK'D	APPVD	DATE	REV.	DESCRIPTION	BY	CHK'D	APPVD	DATE
0	ISSUED FOR INSTALLATION	RE	TW	JS	06/18/09						

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UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN INCHES
 FRACTIONS DECIMALS ANGLES
 ± 1/64 .01 ± ± 1'
 .015 ±
 MACHINED SURFACES
 DEBURR & BREAK SHARP EDGES
 MATERIAL
 FINISH

DWG. FILE No. N/A		
SCALE: NONE		
DESIGNED	RE	06/18/09
DRAWN	RE	06/18/09
CHECKED	JS	06/18/09
APPROVED	JS	06/18/09
CLIENT APPY'L		
CLIENT APPY'L		

PROJECT:
AMtec SOLAR
WITH OBVIUS MONITORING

ENGINEER

CLIENT:

	2501 INDUSTRIAL PARKWAY WEST HAYWARD, CA. 94545 (510)887-2289
	TITLE INTERCONNECTION WIRING DIAGRAM
DRAWING No. PT169-D-001	SHEET 1 OF 1 REVISION 0