4AO INSTALLATION GUIDE

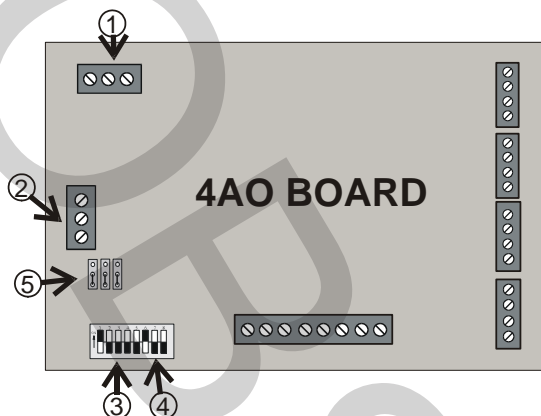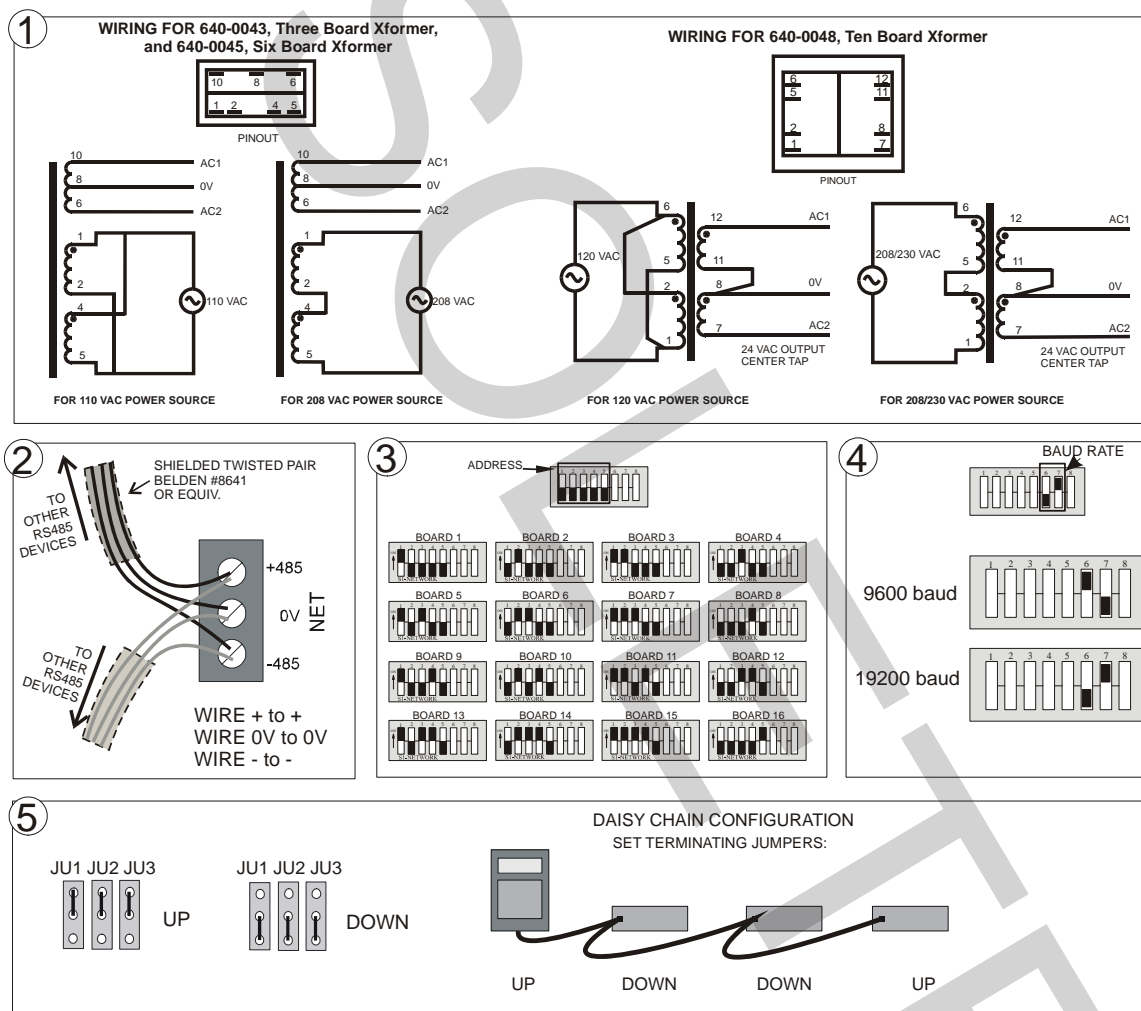**4AO BOARD**

1. Connect board to power transformer.

2. Connect 4AO to the RS485 I/O Network.

3. Set the network address on the first five rockers of dip switch S1.

4. Set the network baud rate using rockers 6 and 7 of dip switch S1.

5. Set RS485 termination jumpers UP if at either end of a daisy chain. Otherwise, set jumpers DOWN.

Note: If you change any dip switch settings while the board is powered, disconnect the power and re-power the board to reset

① WIRING FOR 640-0043, Three Board Xformer, and 640-0045, Six Board Xformer

WIRING FOR 640-0048, Ten Board Xformer

PINOUT

PINOUT

FOR 110 VAC POWER SOURCE

FOR 208 VAC POWER SOURCE

FOR 120 VAC POWER SOURCE

FOR 208/230 VAC POWER SOURCE

24 VAC OUTPUT CENTER TAP

**② ** SHIELDED TWISTED PAIR BELDEN #8641 OR EQUIV.

TO OTHER RS485 DEVICES

TO OTHER RS485 DEVICES

+485
0V
-485

NET

WIRE + to +
WIRE 0V to 0V
WIRE - to -

**③ ** ADDRESS

BOARD 1	BOARD 2	BOARD 3	BOARD 4
BOARD 5	BOARD 6	BOARD 7	BOARD 8
BOARD 9	BOARD 10	BOARD 11	BOARD 12
BOARD 13	BOARD 14	BOARD 15	BOARD 16

**④ ** BAUD RATE

9600 baud

19200 baud

⑤ DAISY CHAIN CONFIGURATION
SET TERMINATING JUMPERS:

JU1 JU2 JU3   UP

JU1 JU2 JU3   DOWN

UP   DOWN   DOWN   UP

This sheet is intended for use as a quick reference only. All installation technicians should read the installation and operation manuals for their CPC control systems for complete information. A list of these manuals and their CPC part numbers is given below:

026-1102 RMCC Manual   **026-1103 BEC Manual**   **026-1105 BCU Manual**
026-1601 Einstein RX Manual   **026-1602 Einstein BX Manual**