| REVISIONS | | | |
|---|---|---|---|
| REV | DESCRIPTION | DATE | APPROVED |
| A | REDESIGNED DISPLAY BOARD | 14 AUG 03 | H.G. |

1. REMOVE FRONT WINDOWS: REMOVE 4 FRONT SCREWS AND REMOVE WINDOW. REMOVAL CAN BE SAFELY DONE WITH POWER ON AND UNIT MOUNTED IN PANEL.

2. DECIMAL POINT: TO CHANGE DECIMAL POIINT ON TOP DISPLAY, REMOVE SOLDER JUMPER ON A1, A2, OR A3(IF JUMPED). SOLDER A1, A2, A3 OR NONE. FOR DECIMAL POINT 1, 2, 3 OR NONE. REPEAT FOR MIDDLE DISPLAY WITH B1, B2, B3 & FOR BOTTOM DISPLAY WITH C1, C2, C3.

3. DISPLAY CALIBRATION: APPLY CALIBRATION VOLTAGE TO TERMINALS WITH A STABLE SUPPLY HAVING GOOD WAVEFORM. RMS SENSING INSTRUMENTATION WITH .1% ACCURACY IS DESIREABLE.

   ADJUST UPPER DISPLAY-APPLY INPUT TO TERMINALS 1 & 2. OBTAIN EXACT DESIRED INDICATION (BETWEEN 200 AND 1999) USING "1 FINE(1F)" AND "1 COARSE(1C) ADJUSTMENTS.

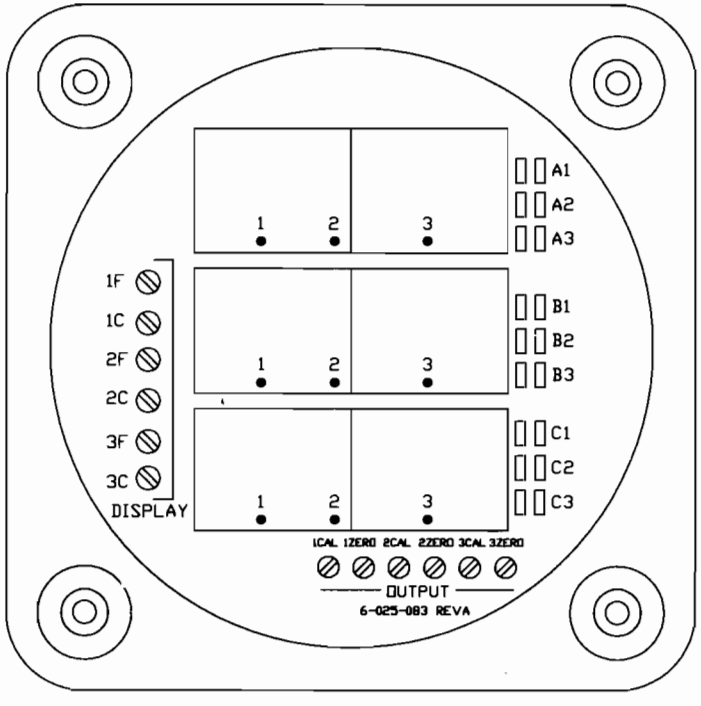
   CENTER DISPLAY- APPLY INPUT TO TERMINALS 3 & 4. OBTAIN DESIRED INDICATION (BETWEEN 200 AND 1999) USING "2 FINE(2F)" AND "2 COARSE(2C) ADJUSTMENTS.

   BOTTOM DISPLAY - APPLY INPUT TO TERMINALS 5 & 6. OBTAIN DESIRED INDICATION (BETWEEN 200 AND 1999) USING "3 FINE(3F)" AND "3 COARSE(3C) ADJUSTMENTS.

4. OUTPUT ZERO: WITH NO INPUT VOLTAGES,
   ADJUST "1 ZERO" FOR 0mA(4mA) A OUTPUT.
   REPEAT ON "2 ZERO" FOR B OUTPUT
   REPEAT ON "3 ZERO" FOR C OUTPUT

5. OUTPUT CALIBRATION: APPLY 120V RMS (.1% ACCURACY DESIREABLE) TO INPUT A. ADJUST "1 CAL" TO OBTAIN AN A OUTPUT OF .800 mADC (16.80mA). REZERO & RECAL UNTIL BOTH VALUES ARE CORRECT. REPEAT THIS PROCEDURE ON INPUT B ADJUSTING "2 CAL", REPEAT AGAIN FOR INPUT C USING "3 CAL".

NOTE: 25-234B HAS NO OUTPUTS




Arga Controls Pasadena, California 91105

# CALIBRATION PROCEDURE FOR 25-234

## TRIPLE VOLTMETER P/N 25-234 SERIES

| SIZE | FSCM NO. | DWG NO. |
|---|---|---|
| A | 50290 | 15-025-234 |

DATE: 14 AUG 03 H.G. SHEET 1 OF 1