

ASSEMBLY DRAWING

878E576G1

PC BOARD DRAWING

4053J24-D

SCHEMATIC DRAWINGTEST KIT

UNIVERSAL TEST KIT

1.0 INSPECTION

- | | | |
|-------------------------|----------------------|-------------------|
| .1 Identification _____ | .3 Solder/Wire _____ | .5 Key Slot _____ |
| .2 Comp./Conn. _____ | .4 Temp. Cycle _____ | .6 _____ |
| | | .7 _____ |

REMARKS: MA METER AT PIN 11 HAS AN INTERNAL RESISTANCE OF 3.5 OHMS.

2.0 PREPARATION

- 2.1 CONNECT +30 VDC TO PIN 17, -22 VDC TO PIN 21, +26 VDC TO PIN 28 AND POWER COMMON TO PIN 19.
- 2.2 CONNECT (-) TERMINAL OF 10 MA METER TO PIN 11.
- 2.3 CONNECT LAMP FROM PIN 27 TO COMMON.
- 2.4 CONNECT VARIABLE 5 VDC VOLTAGE SOURCE TO PIN 24.
- 2.5 PLUG P.C. BOARD INTO TEST KIT.
- 2.6 SET R54 FULL CCW.

3.0 METER ZERO

- 3.1 SET VOLTAGE AT PIN 24 (TP5) FOR +1.0 VDC.
- 3.2 ADJUST 1 R33 TO READ 0 AT PIN 11 METER.

4.0 METER GAIN

- 4.1 SET VOLTAGE AT PIN 24 (TP5) FOR +5.0 VDC.
- 4.2 ADJUST 2 R36 TO READ 10 MA AT PIN 11 METER.

5.0 TRIGGER SETPOINT

- 5.1 SET VOLTAGE AT PIN 24 (TP5) FOR +0.25 VDC.
- 5.2 LAMP AT PIN 27 SHOULD BE ON.
- 5.3 SET VOLTAGE AT PIN 24 (TP5) FOR +5.0 VDC.
- 5.4 ADJUST 3 R54 SO THAT LAMP AT PIN 27 TURNS OFF.