

**105VOLT POWER SUPPLY
IC3600EPZU1**

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- 1.0 RATING: 105VDC @ 5 AMPS
50VDC @ .25 AMPS
28VDC @ .5 AMPS

- 1.1 EQUIPMENT:
OSCILLOSCOPE
DVM

THIS PWB SHALL BE INSPECTED PRIOR TO APPLICATION OF POWER TO
VERIFY IT IS ASSEMBLED ACCORDING TO THE ASSEMBLY DRAWING.

2.0 105 VOLT TEST:

- 2.1 CONNECT A 10K 2W RESISTOR BETWEEN PINS 31 AND 3.
2.2 CONNECT A 0 TO 5 AMP LOAD BETWEEN PINS 23 (+) AND 3 (-).
2.3 SET TO MAXIMUM RESISTANCE - (MINIMUM AMPERAGE).
2.4 APPLY 115 VAC +/- 10% 60HZ BETWEEN PINS 35 AND 47.
2.5 SET LOAD TO 5 AMPS.
2.6 VERIFY THAT THE VOLTAGE ACROSS THE LOAD AND THE VOLTAGE
AT PIN 31 (+) TO 3 (-) IS 105VDC +/- 20%.
2.7 DISCONNECT THE INPUT VOLTAGE AND THE LOAD.

3.0 50 VDC AND 28 VDC:

- 3.1. ISOLATE OSCILLOSCOPE
3.2. CONNECT PIN 9 AND 17 TO PIN 21.
3.3. CONNECT PIN 13 TO PIN 3.
3.4. CONNECT A .25 A (200 OHM) 50VDC LOAD BETWEEN PINS 21 & 3.
3.5. APPLY 36VAC +/- 10%, 60HZ BETWEEN PINS 35 AND 47.
3.6. VERIFY THE VOLTAGE ACROSS THE LOAD IS 50VDC +/- 20% WITH
7V P-P RIPPLE.
3.7. CHANGE THE VOLTAGE BETWEEN PINS 35 AND 47 TO 20VAC +/-
10%,60HZ.
3.8. VERIFY THAT THE VOLTAGE ACROSS THE LOAD IS 28VDC +/- 20%
WITH 7V P-P RIPPLE.
3.9 DISCONNECT THE INPUT VOLTAGE AND THE LOAD.

4.0 PIN CONTINUITY TEST:

- 4.1 VERIFY 0 OHM BETWEEN THE FOLLOWING PINS.

FROM PIN	TO PIN	FROM PIN	TO PIN
47	49	3	5
35	37	3	41
21	23	3	43

END OF TEST

VERIFIED: (Card Test) _____; Date: _____

DISTRIBUTION LIST: PWA TEST

REV	INIT	DESCRIPTION OF FAILURE	DATE
001	JVG		15APR78
002	JJW	RELEASED TO FLOOR	30MAR94