

MST-0429

MWA power supply module

Test: Voltage test

Serial number: 001

Tester: Coleman

Date: 15/11/10

Jig details

Detailed wiring diagrams and jig layout can be found in the following document:

- MWA JIG-005 - PSU Switching Jig

Test procedure

1. Turn all DIP switches off.
2. Plug DB25 connector of JIG-005 into J1 of Cosel Unit.
3. Connect +5V/GND to JIG-005.
 - ☑ *Verify all LEDs are off.*
 - ☑ *Verify 3.3V at U1 pin 1.*
4. Connect 240VAC to Cosel unit.
 - ☑ *Verify AUX LED (Auxiliary Supply) comes on.*
5. Turn DIP switch #1 ON.
 - ☑ *Verify LED #1 (+5V) comes on.*
 - ☑ *Verify 5V on pin A1 (A2 = 0V) of P2, P3, P6 & P9.*
6. Turn DIP switch #1 OFF.
7. Turn DIP switch #2 ON.
 - ☑ *Verify LED #2 (+12V) comes on.*
 - ☑ *Verify 12V on pin A3 (A2 = 0V) of P2, P3, P6 & P9.*
8. Turn DIP switch #2 OFF.
9. Turn DIP switch #3 ON.
 - ☑ *Verify LED #3 (+48V A) comes on.*
 - ☑ *Verify 48V on between pins A1 and A2 of P12 and P15 (A1 = 0V).*
10. Turn DIP switch #3 OFF.
11. Turn DIP switch #4 ON.

Verify LED #4 (+48V B) comes on.

Verify 48V on between pins A1 and A2 of P12 and P15 (A1 = 0V).

12. Turn DIP switch #4 OFF.

13. Turn DIP switch #5 ON.

cc Verify LED #5 (+48V C) comes on.

Verify 48V on between pins A1 and A2 of P12 and P15 (A1 = 0V).

14. Turn all DIP switches ON.

Verify all LEDs light up.

Comments