

Work Instructions for 700-DC2799A Jumper Assembly

Document Number:
003-0102

Revision:
1

Revision history

Revision	ECO	Notes	Date	Author
1	D01325	Initial Release	2/22/19	Eric B.

**The complete revision and approval history of this document may
be found in the Oracle vault under the document number.**

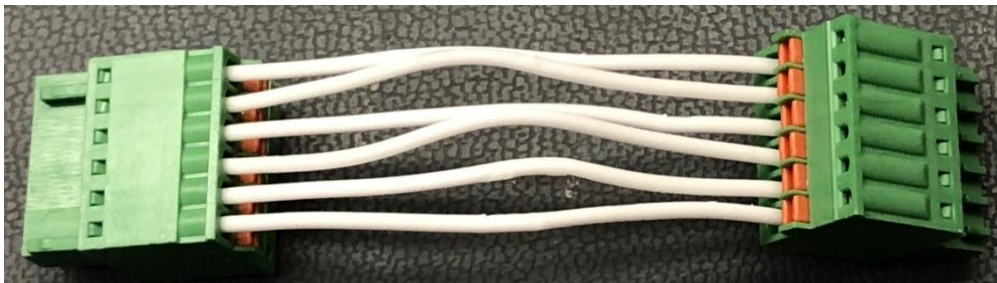
Jumper Assembly

Parts:

6x 2.5" long stranded AWG 22, stripped 0.25" on both ends. Use 751-0009 or similar wire. *Any insulation voltage rating above 150V is acceptable. Wire insulation color may be any color, but all 6 wires should be same color.*

2x Würth Terminal Block Plug, 6 Position, 2.5mm, Würth 691381000006, OPN 250-0923

Insert the wires into the connectors joining pin 1 to pin 1, etc. To insert the wire into the connector, press orange tab down to open wire clamp. (Do not use a pen). After inserting wire, release orange tab. See following picture for completed assembly:

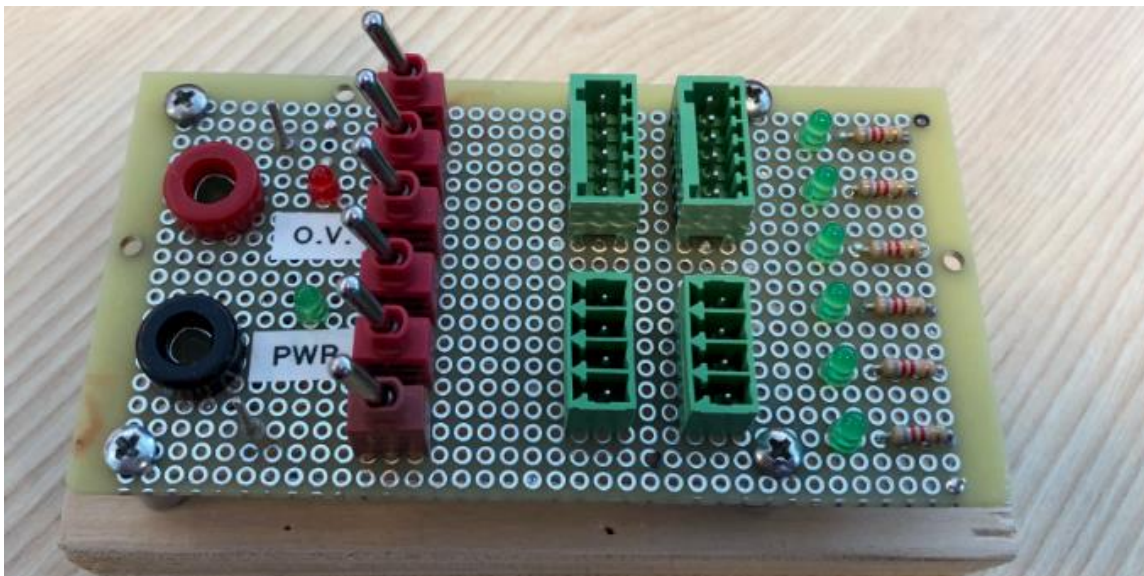


Test assembly for continuity between corresponding pins in each connector. Use ohmmeter or jumper cable test fixture. Correct any open or pin swap connections.

Optional Jumper Cable Test fixture is shown below. To use:

- connect a dc power supply (voltage between 5V and 24V) to the red/black banana jacks (+ to red, - to black). Clip leads alternatively may be connected to the pins located near the banana jacks and observe green PWD LED turn on. If voltage is too high, red OV led will light. If neither LED is on, check power supply and/or connection polarity.
- Insert completed cable jumper assembly in mating connectors. Note the fixture supports 2 different cable jumper assemblies. ***NOTE: test fixture PCB NOT to be used for cable insertion / assembly fabrication – tester will be damaged by repeated cycles of pressing orange tab.***

- Toggle switches left/right and observe corresponding LED turning on/off. If LED doesn't light or if LED in different row turns on, check jumper wiring. *Note: for 4 conductor jumper, only 4 LEDs/switches will work.*



This Jumper Assembly to be built and tested prior to shipping separately.