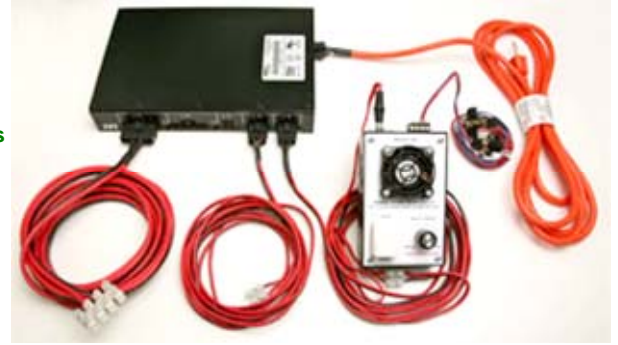


# SL-PS800-3-280 & Two TLC1cv SET With coax power connectors

Connection Diagram – Shourt Line by Soft Works Ltd. on the web at <http://www.ShourtLine.com>

**Option A** – Use the optional wiring kit shown on the right, consisting of:

- 1 ea. 12' 16 gauge AC Cord & Assembly
- 2 ea. 12' 14 gauge DC Cord & Assembly for 6.25 amp output
- 1 ea. 12' 10 gauge DC Cord & Assembly for 20 amp output
- This cord kit includes the AC and all DC power cords with assembled connectors ready to make the power supply ready to run your trains.



1. Plug the DC cords into outlets A, D & E
2. Solder the 2 coax plugs to user supplied cables being careful to observe that center is the + wire lead
3. Use a screw driver to attach the other ends of the user supplied cable to the terminal block at the end of the D & E (6.25 amp) cables.
4. Plug coax plugs into each of the throttles.
5. Connect Throttle outputs to two isolated tracks.
6. Plug supply into AC power and run your trains

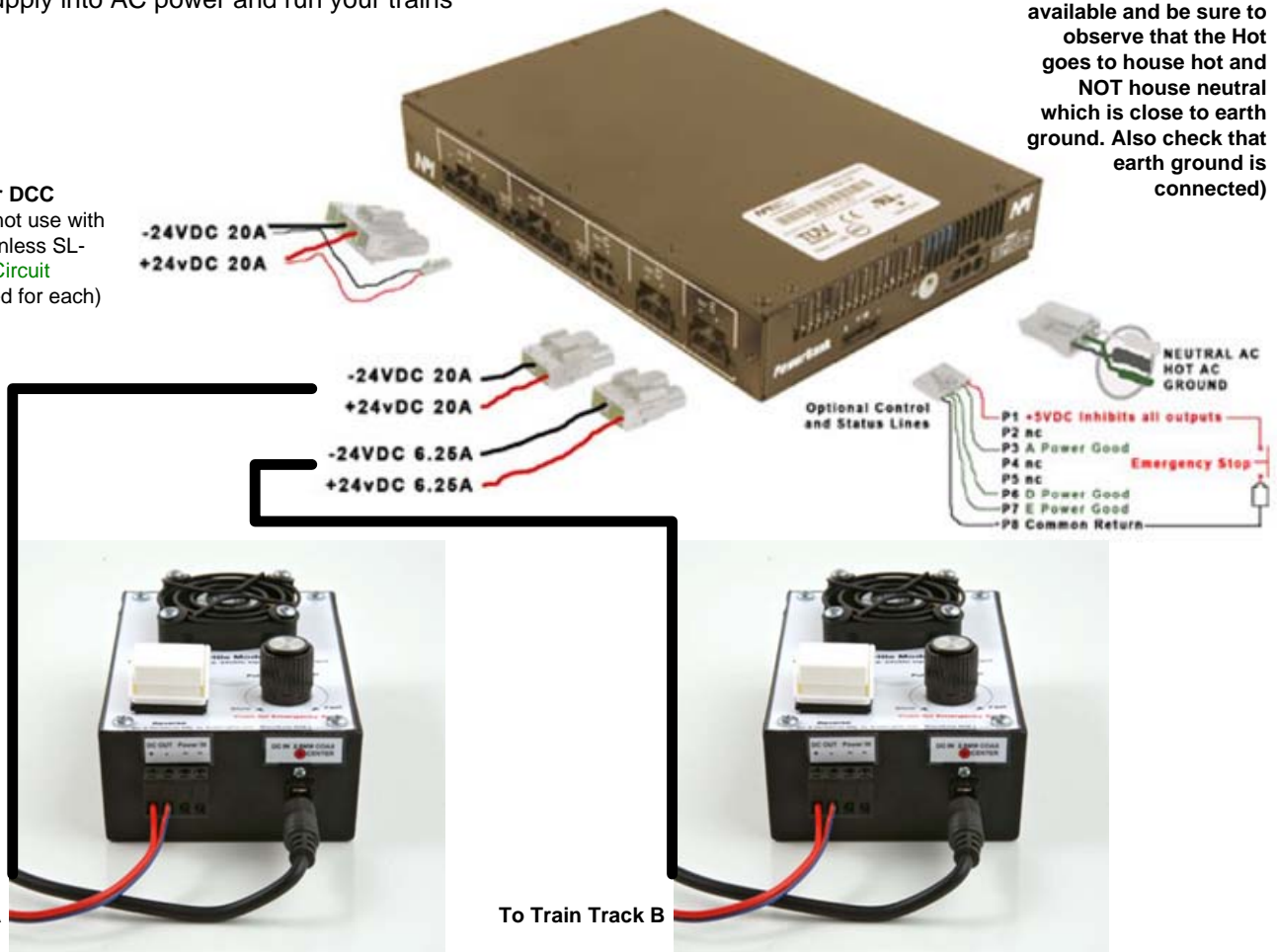
**Option B** – Create your own AC and DC power cables following the instructions at this location:

<http://www.shourtline.swl4.com/PS-cbl-asmby.html>

1. Plug the DC cords into outlets A, D & E
2. Solder the 2 coax plugs to user supplied cables being careful to observe that center is the + wire lead
3. Use a screw driver to attach the other ends of the user supplied cable to the terminal block at the end of the D & E (6.25 amp) cables.
4. Plug coax plugs into each of the throttles.
5. Connect Throttle outputs to two isolated tracks.
6. Plug supply into AC power and run your trains

Use 210-240VAC if available and be sure to observe that the Hot goes to house hot and NOT house neutral which is close to earth ground. Also check that earth ground is connected)

For future DC or DCC expansion, (do not use with 6 amp throttles unless SL-CB-7 6.75 Amp Circuit Breakers are used for each)



To Train Track A

To Train Track B

**Option C** – Same as A or B but connect D and E 6.25 amp cables directly to each throttle (more that one throttle may be connect to each output but the total amperage available will remain at 6.25 amps for D and 6.25 amps for E.