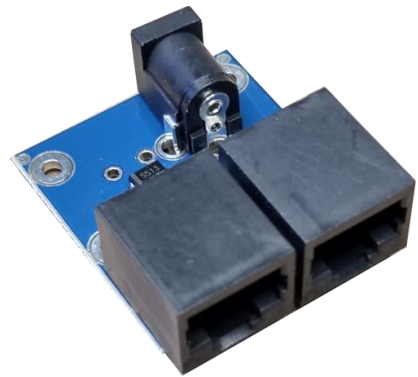


## POWER-LCC LCC® Power Injection Point

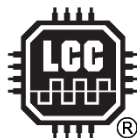
Power Injection Point (PIP) for LCC and OpenLCB™ networks

### Features:

- Supports two CAN bus segments
  - Up to 500 mA to each segment
- Dual RJ45 jacks for network pass-through
- Outputs protected by resettable thermal fuses
- Mounting holes for easy attachment to the layout
- Reverse polarity protection
- Power connection
  - DC barrel connector (centre +ve) fitted as standard
  - Pads for optional 2-way screw terminal block



Power is distributed to nodes via the LCC network, along with the CAN bus. The recommendation is for a nominal 12 V power supply, which nodes will regulate to a lower voltage (typically 5 or 3.3 V) for their internal circuitry. A 12 V supply gives ample headroom for voltage drops along the network cables. Add up the current draw of the nodes connected to the network and use multiple PIPs if your LCC layout nodes require more than 1 A.



LCC® is a registered trademark of the NMRA



OpenLCB is a trademark of the OpenLCB Group

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