

M2000 Mini DC/DC Power Supply

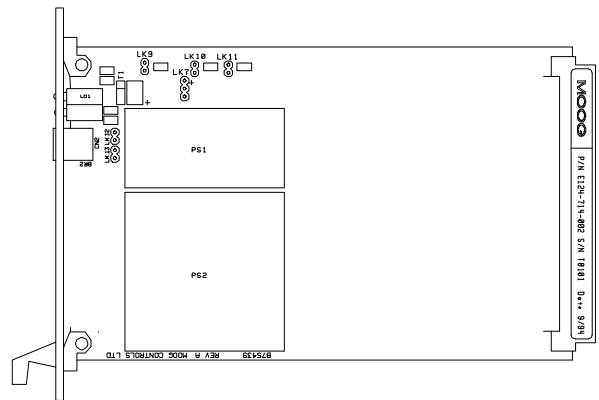
E128-211

24V Supply Input

5V and +/-15V Output

Features:

- Compatible with Moog E127 Cards
- Ideal for T127-401 Rack Mount
- High Density DC/DC Converters
- Front Panel LED Status Indicators
- High Efficiency
- Short Circuit Protection



Description

The E128-211 Mini 24V Power Supply Module is a single Eurocard format unit, pin compatible with the Moog E127 series range of electronics. The ideal installation environment is in the Moog T127-401 three slot enclosure (see Sheet 2.2) where the module may be used to power modules from the M2000 range (requiring 5V and +/-15V supplies) or from the E127 analog range (requiring +/-15V supply).

The 7hp wide front panel is fitted with LED's to indicate the presence of the 24V input and the 5 and +/-15V outputs..

Electrical Specification

Input Voltage

24V Nominal, 18-36V Range. Full load current 1.4A at 24V.

Output Voltages

5V Nominal (4.95V to 5.05V), 1.5A output at full load. Line regulation +/-1%, load regulation +/-1%. Output voltage noise 50mVpp at 20MHz.

+/-15V Nominal (+/-14.7V to +/-15.3V), +/-500mA output at full load. Line regulation +/-1%, load regulation +/-5%. Output voltage noise 300mVpp at 20MHz.

MOOG Controls Limited, Ashchurch, Tewkesbury, Gloucestershire, GL20 8NA, UK.
Tel: (01684) 296 600, Fax: (01684) 296 760

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