

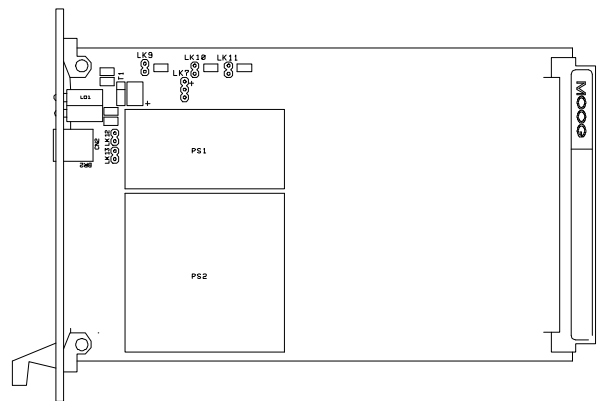
M2000 Carrier Card

D124-041

Carrier Card (Used with PSC2 Only)

Features:

- ➡ Compatible with Moog E127 Cards
- ➡ 8 Digital Inputs
- ➡ 8 Digital Outputs
- ➡ DC/DC Converters for +24Volt Operation
- ➡ Reference Voltages +/-10 Volts
- ➡ 2 High Impedance Buffers
- ➡ XM3 Module support for PSC2



Description

The D124-041 allows the M2000 XM3 range modules which consist of the E129-018 Analogue Input Signal Conditioning and the J123-022 Analogue Output Expansion to be used with the PSC2 (Model D124-040) Programmable Servo Controller.

The Carrier Card enhances the digital I/O capabilities of the PSC2 by up to 8 Inputs and 8 Outputs.

For applications requiring High Impedance Buffer Stages
Two High Impedance Buffers are available on the card. The two buffers offer the possibility of filtering the analog Inputs. These Filters are Jumper Selectable.

ON board DC/DC converters are capable of driving the Carrier Card together with a further two PSC2 Cards.

Applications

- ➡ Digital I/O Enhancement for PSC1 and PSC2 Programmable Servo Controllers
- ➡ +24 Volt supply for PSC1 and PSC2 Programmable Servo Controllers
- ➡ High Impedance Linear Potentiometer Interface

Electrical Specification

Input Voltage

24V Nominal, 18-36V Range.

Output Voltages

+5V Nominal /1500mA output at full load.

+/-10V Nominal / 5mA output at full load.

+/-15V Nominal / +/-500mA output at full load

Digital Outputs :8 X Opto Isolated, 24V Nominal, protected up to +/-40V with short circuit.

Digital Inputs :8 X Opto Isolated, 24V Nominal, protected up to +/-40V with short circuit.

Special : 2 X High Impedance Buffer with Selectable Filters.

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