

Portable Four-slot C-size VXIbus Mainframe

Overview

The E8408A is ideal for applications that require maximum portability and flexibility, whether in the field or in the laboratory. The small, light weight design makes it suitable for many data acquisition and field service applications, with integrated protective bumpers to guard against equipment damage.

Performance

A dual-speed cooling fan provides the flexibility of reducing ambient noise for applications where acoustic noise is a concern. The mainframe can be operated in full speed, or automatically in variable speed mode with the selection of a front panel switch.

All power supply voltages are protected from over-temperature, over-voltage, short-to-ground, and short-to-other-output conditions.

The backplane incorporates automatic solid state daisy-chain jumpering for the interrupt acknowledge and VMEbus grant lines. Full differential CLK10 distribution is also provided.

Modularity and Maintenance

The E8408A offers mainframe monitoring with front panel lights providing up-to-the-moment indication that the power supply and fan are operating, and that the internal temperature is within specified limits.

Convenient access to the power supply and cooling fan is provided through the mainframe's rear panel. Additionally, replacement power supply and fan assemblies can be installed without removing the mainframe from the rack, reducing down time during system maintenance.

Specifications

Size:	21.3" deep x 5.25" high x 14.3" wide Four C-size VXIbus card slots
Weight:	20 lbs.
VXIbus Revision:	1.4
Usable Power:	175 W @ 40 °C



Features

Small and Light Weight Design
Enhances Portability

Can House up to Nine VXIbus
Instruments (VMIP™)

Quiet, Efficient Dual Speed Cooling

Front Panel Power Supply
Monitoring

Rugged Protective Bumpers
Prevent Damage

Distributed Product. These products are
manufactured and supported by other leading suppliers

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DC Supply Voltage:

Voltage	Peak Current (Imp)	Dynamic Current (I _{md})
+5 V	17.0 A	2.5 A
-5.2 V	2.0 A	1.0 A
-2 V	2.0 A	1.0 A
+12 V	2.7 A	1.0 A
-12V	2.0 A	0.8 A
+24 V	2.0 A	1.0 A
-24 V	2.0 A	1.0 A

MTBF: 100,000 Hours

MTTR: 30 Minutes

Input Voltage: 115 V ac Nominal, 90 - 140 V ac (47 Hz - 440 Hz)
230 V ac Nominal, 90 - 264 V ac (47 Hz - 66 Hz)

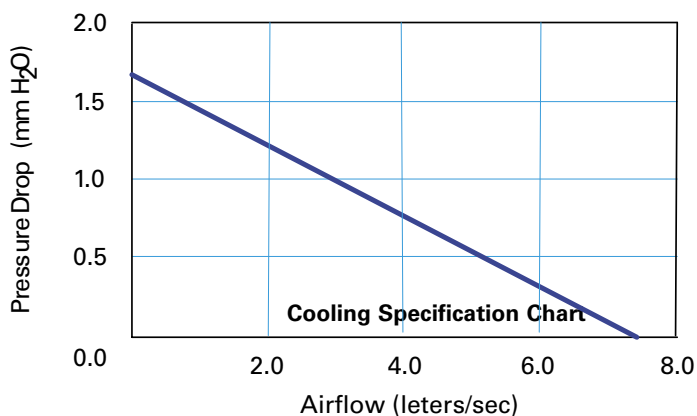
Temperature: 0 °C to 55 °C Operating
- 40 °C to +70 °C Storage

Acoustic Noise: <40 dBA High speed
<30 dBA Low speed

Power Supplies: UL, CSA, TUV approved
Short circuit, over-voltage, reverse voltage and thermal shutdown protection

Rackmount Kit: Kit with slides available

Cooling Specification Chart



Ordering Information

E8408A	Portable 4-Slot Chassis
E8397A	Rackmount Kit
E8408A-918	Install Backplane RF Connector Shields
Option 110:	Blanking Panel (Single)
Option 111:	Blanking Panel (Double)

E8408A