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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight E1403B

Keysight E1403B A/B Size to C-Size P1 Active Adapter The Agilent/HP E1403B is a one-slot active adapter that maps A-size or B-size VXI modules with P1 connectors into a C-size VXI mainframe slot. It provides buffered P1 interconnect so legacy A/B modules can operate in C-size chassis. Migrating A-size and B-size VXI instruments into C-size mainframes, mixed-size VXI system integration, and preserving investment in legacy P1-only modules. Active P1 buffering for A/B modules in C-slots The Agilent/HP E1403B is a one-slot active adapter that maps A-size or B-size VXI modules with P1 connectors into a C-size VXI mainframe slot. It provides buffered P1 interconnect so legacy A/B modules can operate in C-size chassis. Migrating A-size and B-size VXI instruments into C-size mainframes, mixed-size VXI system integration, and preserving investment in legacy P1-only modules. Active P1 buffering for A/B modules in C-slots Supports VXI P1 local bus and trigger lines class



MODEL

**Agilent / Keysight
E1403B**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

E1403B

LISTING

<https://aumictechlabs.com/products/e1403b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight E1403B is a VXI carrier module that enables integration of A- or B-size VXI or VME modules into C-size VXI mainframes. Operating as a slave-only device, it has a fully buffered P1 connector extension and cannot function in Slot 0 or with bus masters. Available in 1-slot (standard) or 2-slot wide (Option 002) configurations, the E1403B accommodates any number of adapters within a C-size mainframe, making it ideal for system expansion and legacy VXI platform

integration. Technical Specifications Module Type: VXI Carrier Module Module Width: 1-slot (standard) or 2-slot (Option 002) Functionality: Slave-only operation Connector: Single P1 with full buffering and extension capability VXI Size Compatibility: Accepts A- or B-size VXI or VME modules Mainframe Compatibility: C-size VXI mainframes Key Features Fully buffered P1 connector extension ensures signal integrity across module boundaries Flexible width options support diverse system layouts and space constraints Slave-only architecture simplifies integration without bus mastering requirements Supports scalable configurations with multiple adapters in a single mainframe Typical Applications The E1403B addresses system integration challenges in VXI test platforms requiring form-factor adaptation. Engineers deploying legacy A- or B-size modules in newer C-size mainframe environments benefit from its buffered extension capability. Multi-adapter configurations enable modular test system expansion while preserving existing module investments. Compatibility & Integration Designed exclusively for C-size VXI mainframes, the E1403B accepts any A- or B-size VXI or VME module. Slot placement restrictions - prohibition of Slot 0 and bus master operation - ensure proper VXI bus protocol compliance. Slave-only operation streamlines system design and eliminates bus arbitration complexity in mixed-size module configurations.

E1403B Characteristics / Specifications

PARAMETER	VALUE
Model	E1403B
Instrument Type	VXI A/B toCsize P1 active adapter
Host Form Factor	C size VXI mainframe
Module Slots Occupied	1
Adapted Module Sizes	A size andBsize with P1
Connector Focus	P1 active adaptation
Backplane Planes Supported Class	VXI P1 address data and utility
Trigger Support Class	TTL and ECL trigger paths class family
Local Bus Support Class	P1 local bus class
Device Role	active electrical and mechanical adapter
Power Drawn Class	adapter electronics from VXI supplies
Cooling Requirement Class	single slot airflow class
Operating Temperature Class	0 C to 55 C VXI class
Storage Temperature Class	minus 40 C to 70 C class
Humidity Class	noncondensing laboratory class
Vxi Revision Context	VXI 1.4 era systems
Mechanical Alignment	C size guide rails and ejectors
Intended Modules	message and register based A/B P1 cards
Successor Related	E1403C A/B toCadapter variant
Card Height	C size
Card Width	1 slot
Series Family	HP E1403 VXI size adapters
Storage temperature	Class: minus 40 C to 70 C class
Operating temperature	Class: 0 C to 55 C VXI class
Humidity	Class: noncondensing laboratory class

E1403B Specifications

PARAMETER	VALUE
Keysight E1403B A/B Size to C Size P1 Active Adapter	Overview
Key Features	Active P1 buffering for A/B modules in C slots
Single slot C size adapter footprint	Supports VXI P1 local bus and trigger lines class
Technical Specifications	Model: E1403B

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	Class: minus 40 C to 70 C class
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Intended Modules	message and register based A/B P1 cards
Successor Related	E1403C A/B toCadapter variant
Card Height	C size
Card Width	1 slot
Series Family	HP E1403 VXI size adapters Notes From HP/Agilent E1403B A/B to C-size P1 active adapter product descriptions. Electrical loading and cooling depend on the adapted module and mainframe airflow.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Notes	
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Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.