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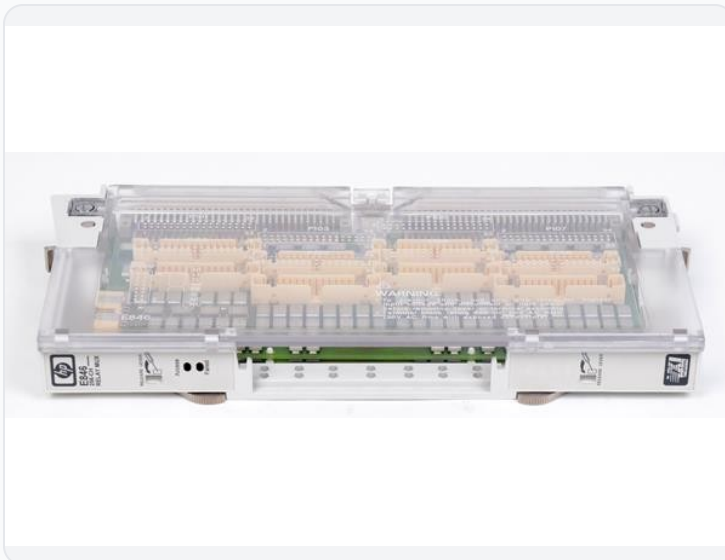
Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight E8460

Agilent Keysight E8460 256 Channel VXI Reed Multiplexer The Agilent/Keysight E8460 (E8460A) is a C-size 1-slot register-based VXI 256-channel high-density reed multiplexer. OEM E8460A product data list 2-wire, 3-wire, and 4-wire programmable topologies, fast reed scanning, contact protection, and optional terminal blocks. User/SCPI literature rates 500 mA non-inductive switching current. High-point-count ATE scanning in E1401-class VXI mainframes. 256-channel reed multiplexer in one C-size slot The Agilent/Keysight E8460 (E8460A) is a C-size 1-slot register-based VXI 256-channel high-density reed multiplexer. OEM E8460A product data list 2-wire, 3-wire, and 4-wire programmable topologies, fast reed scanning, contact protection, and optional terminal blocks. User/SCPI literature rates 500 mA non-inductive switching current. High-point-count ATE scanning in E1401-class VXI mainframes. 256-channel reed multiplexer in one C-size slot Instrument Type: VXI reed relay multiplexer



MODEL

**Agilent / Keysight
E8460**

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

E8460

LISTING

<https://aumictechlabs.com/products/e8460-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Keysight E8460A is a high-density reed relay multiplexer module designed for switching applications within VXI mainframe systems. This C-size, 1-slot register-based VXI module integrates into Keysight VXI mainframes to provide multiplexing capability for automated test environments. The E8460A operates within mainframes offering VXIbus compliance, efficient air-cooled thermal management, and power supplies ranging from 175 W to 1690 W depending on mainframe selection. Integration with compatible mainframes such as the E8401A (500 W, 13-slot), E8403A/E8404A (1000 W, 13-slot), E8408A (175 W, 4-

slot), E1401B (1690 W, 13-slot), or E8400A (700 W, 13-slot) enables flexible switching architectures for signal routing and multiplexing in instrumentation systems. The module benefits from mainframe features including rear-accessible power and cooling components for field maintenance, QUIC insertion/extraction systems, and integrated monitoring via front-panel indicators or remote VXIbus/RS-232 interfaces. Thermal management includes innovative air distribution systems with optional enhanced temperature, voltage, current, and fan monitoring throughout the chassis. The E8460A supports data acquisition, automated test systems, and field service applications requiring high-density relay switching within a compact VXI form factor.

Technical Specifications
Module Type: High-Density Reed Relay Multiplexer
Form Factor: C-size, 1-slot VXI module
Architecture: Register-based
Standard Compliance: VXIbus Specification
Key Features
Reed relay switching technology for signal multiplexing
Compatible with 13-slot, 4-slot, and modular VXI mainframes
Rear-accessible design for simplified field maintenance
QUIC module insertion and extraction system
Remote monitoring and control via VXIbus or RS-232
Operates across mainframe power configurations (175 W to 1690 W available)

Typical Applications
Automated test equipment (ATE) signal routing
Data acquisition systems requiring high-density multiplexing
Field service instrumentation platforms
Multi-channel measurement and switching architectures

Compatibility & Integration
The E8460A integrates into Keysight VXI mainframe platforms including the E8401A, E8403A, E8404A, E8408A, E1401B, and E8400A. All supported mainframes provide enhanced thermal management, comprehensive system monitoring, and flexible power delivery to ensure reliable operation across diverse test environments.

E8460 Characteristics / Specifications

PARAMETER	VALUE
Model	E8460
Catalog Model	E8460A
Instrument Type	VXI reed relay multiplexer
Channel Count	256
Module Size	C-size VXI
Slot Width	1 slot
Switch Type	reed relay
Programming	register based VXI
Topologies	two-wire three-wire and four-wire
Switching Current	500 mA non-inductive
Host Mainframes	E1401-class C-size VXI mainframes
Scan Use	fast scanning with reed relays
Terminal Blocks	three optional easy-to-use terminal blocks
Manufacturer	HP Agilent Keysight
Mechanical Package	single-slot C-size module
Control	SCPI via command module or register writes
Related Switches	E1442A and sibling VXI switch modules
Contact Protection	included for reliable operation
Density	high point-count single-slot mux
Platform Family	Agilent/HP VXI switches
Literature	E8460A user and SCPI programming guide
Queue Model	E8460 maps to E8460A

E8460 Specifications

PARAMETER	VALUE
Agilent Keysight E8460 256 Channel VXI Reed Multiplexer	Overview
Applications	High-point-count ATE scanning in E1401-class VXI mainframes.
Key Features	256-channel reed multiplexer in one C-size slot
Technical Specifications	Model: E8460

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	
From Agilent/Keysight E8460A high-density reed multiplexer product description and user/SCPI guide current rating. Queue model E8460 is the E8460A module without theAsuffix. Confirm installed terminal-block option.	

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

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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.