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Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Agilent/Keysight E1463A

The HP/Agilent E1463A isaC-size VXI 32-channel, 5 amp switch module. OEM catalog listings and terminal block accessories (E1463-80011 screw terminal block) identify it as a high-current general-purpose switch in the E14xx switch family. High-current switching, power path control, and general-purpose 5 A channel switching in C-size VXI ATE. Terminal Block: E1463-80011 screw connection terminal block Cooling Watts Per Slot Class: switch module class Interrupt On Close Class: family interrupt capability Relay Life Class: load dependent operations System Use: power and high current routing Channel count and 5 A rating from HP/Agilent E1463A catalog listings and E1463-80011 terminal block references. Confirm voltage/power and timing tables in the E1463A manual.



MODEL

**Agilent / Keysight
E1463A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

E1463A

LISTING

<https://aumictechlabs.com/products/e1463a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight E1463A is a C-size, single-slot VXI switch module delivering 32 Form C (SPDT) channels with 5 Amp per-channel current handling. Register-based control enables rapid switching for power distribution, process control, and appliance test sequences. The module's sub-3 μ V typical thermal offset voltage qualifies it for precision signal-switching and scanning applications where low noise is critical. Non-latching relays maintain a defined state upon power loss. Connection is via QUIC screw terminal block; optional solder eye connectors are available. The main board accommodates user-installed series and shunt protection elements MOVs, fuses,

signal conditioning circuits - providing flexibility for harsh or sensitive environments. Technical Specifications Module Type: VXI Switch Module, C-size, 1-slot Register-Based Architecture: Yes Channel Count: 32 Channel Configuration: Form C (SPDT) Current Rating: 5 Amp per channel Thermal Offset Voltage: Less than 3 μ V typical Relay Type: Non-latching Key Features High current capacity supports demanding power-switching loads up to 5 Amps Low thermal offset enables measurement-grade signal routing without offset nulling QUIC screw terminal block for direct field wiring Optional solder eye connectors for PCB integration On-board provisions for series and shunt circuit protection and signal conditioning Non-latching relay design ensures safe, predictable idle state Typical Applications Power distribution and on/off control in manufacturing automation Appliance and device pass/fail testing Process control switching matrices Low-level analog signal scanning and multiplexing Sensor and transducer measurement networks Compatibility & Integration VXIbus register-based architecture with SCPI command support VXI plug&play driver availability Mounts in any standard VXI mainframe User documentation and service manuals available

E1463A Characteristics / Specifications

PARAMETER	VALUE
Channels	32
Channel Current Rating	5 A
Module Size	C
Slots Occupied	1
VXI Device Type	register based switch
Product Family	E14xx switches
Terminal Block	E1463-80011 screw connection terminal block
Programming	SCPI via command module
Connectors	P1/P2
Operating Temperature Class	0 to 55 C
Switch Use	general purpose high current
Logical Address	switch selectable
Switchbox Mode	supported
Power On State	relays open class
Cooling Watts Per Slot Class	switch module class
Form Factor	single slot C-size
Field Wiring	screw terminals
Related Matrix Family	E1465A/E1466A/E1467A
Related Mux Family	E1460A
Interrupt On Close Class	family interrupt capability
Relay Life Class	load dependent operations
Documentation	E1463A user manual
System Use	power and high current routing
Operating temperature	Class: 0 to 55 C

E1463A Specifications

PARAMETER	VALUE
Agilent E1463A 32 Channel 5 Amp Switch	Overview
Applications	High-current switching, power path control, and general-purpose 5 A channel switching in C-size VXI ATE.
Key Features	32 switch channels
Technical Specifications	Channels: 32

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: 0 to 55 C
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Operating Temperature Class	0 to 55 C
Switch Use	general purpose high current
Logical Address	switch selectable
Switchbox Mode	supported
Power On State	relays open class
Cooling Watts Per Slot Class	switch module class
Form Factor	single slot C-size
Field Wiring	screw terminals
Related Matrix Family	E1465A/E1466A/E1467A
Related Mux Family	E1460A
Interrupt On Close Class	family interrupt capability
Relay Life Class	load dependent operations
Documentation	E1463A user manual
System Use	power and high current routing Notes Channel count and 5 A rating from HP/Agilent E1463A catalog listings and E1463-80011 terminal block references. Confirm voltage/power and timing tables in the E1463A manual.

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	
Channel count and 5 A rating from HP/Agilent E1463A catalog listings and E1463-80011 terminal block references. Confirm voltage/power and timing tables in the E1463A manual.	

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.