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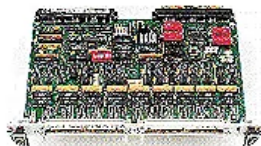
Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight E1339A

HP Agilent E1339A 72 Channel Digital Output Relay Driver VXI Module The HP E1339A isaVXI digital output / relay-driver module with 72 open-collector channels. OEM VXI catalogs list E1339A as a 72-channel open-collector digital output/relay driver for driving external relays and digital loads from a B-size VXI slot in E1300/E1301 or C-size with adapter. High-channel-count relay drive, digital actuator control, and open-collector sinking in VXI ATE. Instrument Type: Digital output / relay driver module The HP E1339A isaVXI digital output / relay-driver module with 72 open-collector channels. OEM VXI catalogs list E1339A as a 72-channel open-collector digital output/relay driver for driving external relays and digital loads from a B-size VXI slot in E1300/E1301 or C-size with adapter. High-channel-count relay drive, digital actuator control, and open-collector sinking in VXI ATE. Instrument Type: Digital output / relay driver module Host Mainframes: E1300/E1301 B-size and C-size with adapter



MODEL

**Agilent / Keysight
E1339A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

E1339A

LISTING

<https://aumictechlabs.com/products/e1339a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Keysight E1339A is a VXIbus digital output and relay driver module delivering 72 channels of open collector switching in a compact B-size, 1-slot form factor. Each channel sinks up to 200 mA and switches voltages to 32 V, making it ideal for relay control, digital switching, and external device actuation in test systems and industrial automation. The module includes relay coil flyback protection and dual-mode operation: standard 72-channel independent outputs or 36-channel

paired configuration for latching microwave relays. External device power is selectable on-board via jumper - +5 V, +12 V, or +24 V from the VXI mainframe (note: +24 V requires C-size mainframes). All outputs reference to chassis ground. Technical Specifications

Module Type: Digital Output / Relay Driver

VXIbus Form Factor: B-size, 1-slot, register-based

Channels: 72 total

Output Type: Open Collector

Voltage Switching: Up to 32 V

Current Sink: Up to 200 mA per channel

Reference: Chassis ground

Protection: Relay coil flyback protection

External Power Rails: +5 V, +12 V, +24 V (selectable via jumper; +24 V limited to C-size mainframes)

Key Features

- Dual operation modes: 72-channel independent or 36-channel dual output for latching relays
- On-board jumper selects external device power supply voltage
- Ribbon cable interconnect (two cables supplied)
- Register-based control architecture

Typical Applications

- Relay and solenoid switching
- Digital output control in automated test systems
- Latching relay actuation
- External device power distribution and switching

Compatibility & Integration

- Standard VXIbus connectivity
- VXIplug&play drivers and SCPI command support
- Compatible with VXI chassis (B and C-size mainframes)

E1339A Characteristics / Specifications

PARAMETER	VALUE
Model	E1339A
Instrument Type	Digital output / relay driver module
Channel Count	72
Output Type	open collector
Module Size	B size VXI (E13xx family)
Slots Occupied	1
Vxi Device Type	register based
Programming	SCPI via command module
Host Mainframes	E1300/E1301 B-size and C-size with adapter
Use Case	external relay and digital load drive
Manufacturer	HP Agilent Keysight
Operating Temperature Class	0 to 55 C VXI
Power Rails	VXI plus 5 V plus or minus 12 V
Connectors	P1 VXI
Cooling	mainframe slot cooling
Logical Address	switch selectable class
Interrupt	VXI IRQ class
Form Factor	B-size VXI
Literature	HP E1339A 72-channel digital output/relay driver catalog
Related Mux Family	E1460 high-density switches
Reset State	outputs off/open collector off class
Brand Lineage	Hewlett Packard Agilent Keysight
Operating temperature	Class: 0 to 55 C VXI

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: 0 to 55 C VXI
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Power Rails	VXI plus 5 V plus or minus 12 V
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Cooling	mainframe slot cooling
Logical Address	switch selectable class
Interrupt	VXI IRQ class
Form Factor	B-size VXI
Literature	HP E1339A 72-channel digital output/relay driver catalog
Related Mux Family	E1460 high-density switches
Reset State	outputs off/open collector off class
Brand Lineage	Hewlett Packard Agilent Keysight Notes Identity and 72-channel open-collector relay-driver role from HP E1339A VXI catalog listings. Voltage/current per channel and connector pinout are in the E1339A user's 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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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.