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Data Sheet

August 13, 2026

KEYSIGHT / AGILENT / HP

Keysight / Agilent / HP 44492A Reed Relay Multiplexer Card

HP Agilent 44492A Reed Relay Multiplexer Card for 3488A The HP 44492A isareed-relay multiplexer plug-in card for the 3488A switch/control unit. Reed relays suit low-thermal scanning. Notaterminal block (those are 44480/44481/44484 in this catalog). Manufacturer: Hewlett Packard / Agilent / Keysight Instrument Type: Reed Relay Multiplexer Card The HP 44492A isareed-relay multiplexer plug-in card for the 3488A switch/control unit. Reed relays suit low-thermal scanning. Notaterminal block (those are 44480/44481/44484 in this catalog). Manufacturer: Hewlett Packard / Agilent / Keysight Instrument Type: Reed Relay Multiplexer Card Current Class: reed carry/switch per sheet

**MODEL****Keysight / Agilent /
HP 44492A****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****44492A****LISTING**[https://aumictechlabs.c
om/products/44492a-
2/](https://aumictechlabs.com/products/44492a-2/)

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30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight/Agilent/HP 44492A Reed Relay Multiplexer Card is a high-density switching module that expands the measurement capability of the 3457A Digital Multimeter. This plug-in card provides ten 2-wire reed relay channels with fast switching speeds and extended operational life, delivering up to 300 channels per second. Eight channels are software-reconfigurable for 4-wire resistance measurement, while two dedicated current channels support make-before-break

switching up to 1.5 A and external device actuation. The card handles signals to 125 V peak (terminal-to-terminal or terminal-to-chassis) with minimal thermal drift of less than 3 μ V, making it suitable for precision data acquisition in automated test systems.

Technical Specifications

Channels: Ten 2-wire reed relay channels; eight reconfigurable as four 4-wire ohm channels under software control

Current Channels: Two channels rated for make-before-break switching up to 1.5 A

Maximum Voltage: 125 V peak (terminal-to-terminal or terminal-to-chassis)

Thermal Offset: Less than 3 μ V

Closed Channel Resistance: Less than 4 Ω at end of relay life

Switching Speed: Maximum 300 channels per second

Frequency Range: AC voltage and frequency operations specified to 100 kHz

Supported Signal Types: DC voltage, AC voltage, AC+DC voltage, 2-wire ohms, 4-wire ohms, frequency, period

Dimensions: 76 mm (3 inches) additional depth required for wiring

Weight: 5.05 kg net (9.3 kg shipping)

Key Features

- Reed relay construction for reliable, repeatable switching in demanding environments
- Low thermal offset minimizes measurement error in precision applications
- Flexible channel configuration supports both 2-wire and 4-wire resistance measurement modes
- Make-before-break switching on current channels prevents signal interruption during switching transitions
- Software-controlled channel routing streamlines complex switching sequences

Typical Applications

- Automated test systems requiring high-speed multi-channel switching
- Data acquisition networks for DC and AC voltage measurement
- Multi-channel resistance and ohms measurement
- Frequency and period measurement across multiple signal paths
- Current switching and external device control in test environments

Compatibility & Integration

Designed as a direct plug-in module for the Keysight/Agilent/HP 3457A Digital Multimeter. Compatible with HP 44492A-CONN Screw Terminal Connector and Relay Multiplexer Adapter.

44492A Characteristics / Specifications

PARAMETER	VALUE
Model	44492A
Manufacturer	Hewlett Packard / Agilent / Keysight
Instrument Type	Reed Relay Multiplexer Card
Alias	44492A; HP 44492A
Host Mainframe	3488A switch/control
Function	reed relay multiplexer
Relay Type	reed
Related Terminals	44480A 44481A 44484A
Form	3488A plug-in card
NotATerminal	card with relays
Use	low-level analog scanning
Status	HP 44492A EOL
Documentation	3488A/44492A mux
Voltage Class	reed mux rating per sheet
Current Class	reed carry/switch per sheet
Thermal	low thermal EMF vs armature GP
Scan Mate	external DMM via 3488A
Programming	3488A HP-IB
Cooling	3488A airflow
Power	3488A backplane
Identification	44492A
Compatibility	3488A slots
Channels	reed mux channel count per 44492A sheet
Not 44480 GP	different topology
Installation	3488A card guides Notes Reed mux card identity from HP 44492A for 3488A. Channel count and volts are on the 44492A sheet. Do not

PARAMETER	VALUE
	confuse with 44480A GP switch.

44492A Specifications

PARAMETER	VALUE
HP Agilent 44492A Reed Relay Multiplexer Card for 3488A	Overview
Applications	- 3488A scanned analog mux
Key Features	- Reed mux card 44492A
Technical Specifications	Model: 44492A
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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.

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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.