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Data Sheet

August 13, 2026

KEYSIGHT / AGILENT / HP

Keysight / Agilent / HP 44721A Terminal Block

HP 44721A 16 Channel Isolated Digital Input Terminal Block / Module for 3852A The HP 44721A is the 16-channel isolated digital-input plug-in for the HP 3852A data-acquisition/control mainframe. Listings titled terminal block are the 44721A card plus its screw-terminal assembly (44721T class accessory on the same family). Sixteen isolated DI channels for status, TTL/contact, and industrial logic into the 3852A. Isolation is channel-to-chassis per the 44721A spec; it is not a 44725A output card. Host 3852A provides the analog buses, GPIB, and plugin cage. The HP 44721A is the 16-channel isolated digital-input plug-in for the HP 3852A data-acquisition/control mainframe. Listings titled terminal block are the 44721A card plus its screw-terminal assembly (44721T class accessory on the same family). Sixteen isolated DI channels for status, TTL/contact, and industrial logic into the 3852A. Isolation is channel-to-chassis per the 44721A spec; it is not a 44725A output card. Host 3852A provides the analog buses, GPIB, and plugin cage. Manufacturer: Hewlett Packard / Agilent / Keysight

**MODEL****Keysight / Agilent /
HP 44721A****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****44721A****LISTING**[https://aumictechlabs.c
om/products/44721a-2/](https://aumictechlabs.com/products/44721a-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight/Agilent/HP 44721A Terminal Block is a connection accessory for data acquisition systems that provides an organized interface for discrete external wiring. It enables reliable and repeatable signal connections to the 3852A Data Acquisition System and related digital input modules, serving as a detachable wiring hub for logic readings, totalize measurements, and

interrupt generation. Technical Specifications Wire Size Support: Accepts up to 20 AWG wire; 24 AWG when all 144 lines are populated Connection Type: Screw-type terminals for secure external wiring connections Signal Type: Digital input signals for logic readings, totalize count measurements, and interrupt generation Key Features Screw-type terminal construction enables flexible, detachable wiring configurations Multi-line architecture supports organized signal routing across numerous discrete connections Facilitates repeatable connection schemes for consistent instrument setup and reconfiguration Typical Applications The 44721A terminal block serves data acquisition workflows requiring multiple discrete digital input connections. Use cases include logic signal monitoring, pulse counting and totalization, and interrupt-driven measurements across industrial and laboratory test environments. Compatibility & Integration Primary System: Keysight/Agilent/HP 3852A Data Acquisition System Compatible Modules: Keysight/Agilent/HP 44721A Digital Input Module Keysight/Agilent/HP 44722A Digital Input Module The terminal block connects directly to these modules via screw terminals, eliminating the need for intermediate connectors and enabling direct integration into existing 3852A-based measurement setups.

44721A Characteristics / Specifications

PARAMETER	VALUE
Model	44721A
Manufacturer	Hewlett Packard / Agilent / Keysight
Instrument Type	Isolated digital input module / terminal block
Series	3852A plugins
Alias	44721A; 44721T terminal class
Parent Mainframe	HP 3852A data acquisition and control
Input Channels	16 isolated digital
Function	digital input (not analog)
Termination	screw terminal block class
Isolation	channel to chassis isolated DI
Host Slots	3852A plugin cage
Host Interface	GPIB on 3852A
Related 44725A	digital output sibling
Related 44705A	20-channel relay mux
Related Terminal	44721T screw block for 44721A
Form	3852A plugin plus terminal block
Status	HP 3852A service module
Installation	3852A slot; terminal block on front
Documentation	3852A 44721A DI
Use	restore 16 channel isolated DI
Compatibility	3852A only
Identification	44721A
Voltage Class	isolated DI per 44721A sheet (read nameplate)
Logic	TTL / contact class 3852A DI
Cooling	3852A airflow

PARAMETER	VALUE
ESD	plugin PCA
Calibration	notaDMM; digital input
Duty	continuous in 3852A
Not 44721 mux	this is DI not analog mux Notes Identity from HP 44721A 16-channel isolated digital input for 3852A; listings called terminal block include the screw-terminal accessory. Confirm 44721A versus 44725A (outputs) and 44721T block.

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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Not 44721 mux: this is DI not analog mux

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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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

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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.