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Data Sheet
August 13, 2026

KEYSIGHT / AGILENT / HP

Keysight / Agilent / HP 0950-2283 E1401B High-Power VXI Mainframe Power Supply

The Keysight/Agilent/HP 0950-2283 is a high-power power supply designed for use with the E1401B VXI mainframe. It provides reliable and stable power to VXI modules, ensuring optimal performance of your VXI test system.

MODEL **Keysight / Agilent / HP 0950-2283**	CALIBRATION **Available on request**
CONDITION **Used**	STATUS **In stock**
RFQ / SKU **0950-2283**	LISTING **https://aumictechlabs.com/products/0950-2283-2/**

NIST-traceable cal · SAM registered · 30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight/Agilent/HP 0950-2283 is a high-power VXI mainframe power supply engineered for the E1401B C-size, 13-slot VXI mainframe. It delivers ample dynamic and peak currents for power-intensive, high-density instrumentation systems. The unit prioritizes field serviceability with a mean time to repair of 5 minutes for power supply or fan modules, variable-speed fan cooling with selectable high-speed mode, and tool-free access to three rear-panel air filters. Pressurized Air Channel cooling technology maintains thermal stability across ambient conditions while uniform airflow ensures reliable long-term operation. Technical Specifications Power Output: 900 W @ 25°C ambient, 800 W @ 40°C ambient, 650 W @ 55°C ambient Input Voltage: 100 Vac to 240 Vac; 100 Vdc to 370 Vdc; 100–120 Vac ±10% (400 Hz nominal) Input Frequency: 50 Hz to 400 Hz; 400 Hz ±10% (400 Hz nominal) Inrush Current: 40 A maximum Standby Output (+5VSTDBY): 1 A

maximum Input Section: Power factor corrected Key Features High peak and dynamic current delivery for demanding applications Pressurized Air Channel cooling with variable-speed fan control High Speed Mode (switch selectable) for maximum continuous airflow Mean Time To Repair: 5 minutes for power supply or fans Three accessible rear-panel air filters (tool-free cleaning) Exhaust cooling through sides and top Comprehensive protection: over-temperature, over-voltage, over-current, short-to-ground, and cross-supply short protection Full shutdown on protection event; recovery via standby or line recycle Rear-panel connector access to all supply voltages, remote on/standby, ACFAIL, SYSRESET, and +5VSTDBY Generates backplane logic signals ACFAIL* and SYSRESET* (VXI Specification Rev. 1.4 compliant) Solid-state automatic daisy-chain jumpering for VMEbus grant Injector surface rails supporting QUIC module insertion/extraction system Compatibility & Integration Fully compliant with VXIbus Specification Revision 1.4, VMEbus System Specification Revision C.1, and VXIplug&play specification. Supports hot-plug module insertion and extraction with no tool requirements.

Features & description

From manufacturer datasheet

Features

- 0950-2283 E1401B high-power PSU

Applications

- E1401B high-power PSU replacement

09502283 Characteristics / Specifications

PARAMETER	VALUE
Model	0950-2283
Manufacturer	Hewlett Packard / Agilent / Keysight
Instrument Type	High Power VXI Mainframe Power Supply
Alias	0950-2283
Parent Mainframe	E1401B C-size 13-slot VXI
Function	high-power multi-rail PSU
Related PSU 37	0950 3704 also E1401B high-power
Related PSU 19	0950 1972 switching PSU
Related Backplane	E1401 66521 13-slot
Related Fan	E840xA fan assembly
Form	internal switching power supply
NotABenchtop Supply	mainframe PSU
Rails	VXI backplane rails (read silkscreen)
Status	HP E1401B service part
Installation	E1401B PSU bay; mains disconnected
Documentation	E1401B power supply
Use	restore slot power
Identification	0950-2283
Compatibility	E1401B high-power frame
Input	AC mains per silkscreen
Cooling	mainframe PSU airflow
Safety	lethal mains and high current DC
ESD	PSU PCA
Monitoring	frame PSU/fault if supported Notes High-power E1401B PSU identity from HP 0950-2283. Rail voltages/currents are on the silkscreen and E1401B power table. Do not invent amp ratings.

09502283 Specifications

PARAMETER	VALUE
Applications	- E1401B high-power PSU replacement
Key Features	- 0950-2283 E1401B high-power PSU
Technical Specifications	Model: 0950-2283

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

Specifications

PARAMETER	VALUE
Model	0950-2283
Manufacturer	Hewlett Packard / Agilent / Keysight
Instrument Type	High Power VXI Mainframe Power Supply

Specifications

PARAMETER	VALUE
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Function	high-power multi-rail PSU

Specifications

PARAMETER	VALUE
Related PSU 3704	0950 3704 also E1401B high-power
Related PSU 1972	0950 1972 switching PSU
Related Backplane	E1401 66521 13-slot

Specifications

PARAMETER	VALUE
Related Fan	E840xA fan assembly
Form	internal switching power supply
NotABenchtop Supply	mainframe PSU

Specifications

PARAMETER	VALUE
Rails	VXI backplane rails (read silkscreen)
Status	HP E1401B service part
Installation	E1401B PSU bay; mains disconnected

Specifications

PARAMETER	VALUE
Documentation	E1401B power supply
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Specifications

PARAMETER	VALUE
Compatibility	E1401B high-power frame
Input	AC mains per silkscreen
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Specifications

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Safety	lethal mains and high current DC
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Monitoring	frame PSU/fault if supported

Notes

High-power E1401B PSU identity from HP 0950-2283. Rail voltages/currents are on the silkscreen and E1401B power table. Do not invent amp ratings.

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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