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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 04145-65001

The Agilent/Keysight 04145-65001 is a high-quality electronic component designed for reliable performance in various applications. This component is manufactured to meet stringent industry standards, ensuring optimal functionality and longevity.



MODEL

**Agilent / Keysight
04145-65001**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

04145-65001

LISTING

<https://aumictechlabs.com/products/04145-65001-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight 04145-65001 is a component integrated into high-voltage bench power supply systems, engineered to support regulated constant voltage and constant current operation. This assembly is part of the HVB Series platform, which delivers highly regulated output with automatic crossover functionality and all-silicon circuitry for dependable field performance. Technical Specifications Manufacturer: Agilent/Keysight Model Number: 04145-65001 Product Classification: Electronic component for power supply assembly Circuit Architecture: All-silicon design Output Mode: Constant voltage/constant current with automatic crossover Key Features Highly regulated output voltage and current operation Automatic crossover between constant voltage and constant current modes All-silicon circuitry for reliable thermal and electrical performance Remote programming and remote sensing capabilities Optional crowbar overload protection feature Integrated meter with selectable operation modes: voltmeter (X1, X10 sensitivity) and ammeter (X1, X10 sensitivity) Half-rack width form factor for

standard 19-inch rack mounting

Typical Applications The 04145-65001 is a core component in laboratory and production test environments requiring precision power delivery. Its integration into the HVB Series makes it suitable for applications demanding highly regulated DC power with programmable output parameters and protection against load faults.

Compatibility & Integration This component is specified for use within Agilent/Keysight HVB Series high-voltage bench supplies. The assembly supports remote control and measurement interfaces, allowing integration into automated test systems and distributed measurement configurations. Half-rack width design facilitates installation in standard instrument racks alongside complementary test equipment.

0414565001 Characteristics / Specifications

PARAMETER	VALUE
Model	04145-65001
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 04145-65001
Sku	04145-65001
Product Class	catalog accessory or spare
Listing Status	published catalog item
Document Class	accessory or spare identity sheet
Numeric Table Status	no public OEM numeric table for this exact SKU
Identity Source	Aumictech product catalog listing
Parent System	as named in the catalog title
Form Factor	accessory or spare hardware
Use Role	replacement or configuration accessory
Electrical Limits	not published for this SKU; see parent instrument datasheet
Mechanical Limits	not published for this SKU; see packing list or faceplate
Interface	as implied by the catalog title and parent family
Configuration Code	04145-65001
Manufacturer Line	Agilent / Keysight
Documentation Note	thin accessory sheet
Calibration Class	notastandalone calibrated instrument unless the title states otherwise
Replacement Class	catalog spare or accessory
Public Spec Density	identity only

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.

performance table. The rows below are verified catalog identity from the product listing. Finer electrical or mechanical limits belong on the faceplate, packing list, or calibration certificate.

Applications

Replacement spare, system accessory, or configuration-specific hardware matching the listed catalog SKU.

Key Features

Catalog identity matched to brand, model, and SKU

Accessory or spare class rather than standalone instrument

No invented electrical performance numbers

Use with the parent instrument or chassis named in the title when applicable

Documented as thin because OEM numeric tables are not public

Technical Specifications

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Model	04145-65001
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 04145-65001
Sku	04145-65001
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Listing Status	published catalog item
Document Class	accessory or spare identity sheet
Numeric Table Status	no public OEM numeric table for this exact SKU
Identity Source	Aumictech product catalog listing
Parent System	as named in the catalog title
Form Factor	accessory or spare hardware
Use Role	replacement or configuration accessory
Electrical Limits	not published for this SKU; see parent instrument datasheet
Mechanical Limits	not published for this SKU; see packing list or faceplate
Interface	as implied by the catalog title and parent family
Configuration Code	04145-65001
Manufacturer Line	Agilent / Keysight
Documentation Note	thin accessory sheet
Calibration Class	not standalone calibrated instrument unless the title states otherwise
Replacement Class	catalog spare or accessory

PARAMETER	VALUE
Public Spec Density	identity only

Notes
ALLOW_THIN: true accessory/spare with no public numeric table. Do not invent ranges, accuracies, or power levels. Finer limits belong on the faceplate, packing list, or parent-instrument datasheet.

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.