

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 6, 2026

KEITHLEY

Keithley 3765 Hall Effect Card

The Keithley 3765 isaHall Effect signal-conditioning / switching card for assembling economical Hall measurement systems, typically with a 3706A System Switch/Multimeter mainframe and Keithley Hall Effect Test Suite (KHETS) software. Buffers sample signals and switches source current to the Hall sample. Measures Hall voltages as low as ~50 nV and sample resistances exceeding $10^{12} \Omega$. Low- and high-resistivity modes; high-resistivity mode input impedance $>100 T\Omega$ with bias current $<50 \text{ fA}$. Hall voltage and resistivity; semiconductor Hall coefficient; van der Pauw with switched connections. Manufacturer: Keithley Instruments (Tektronix) Instrument Type: Hall Effect Signal Conditioning Card Hall to ~50 nV; $R >10^{12} \Omega$; high-Z mode $>100 T\Omega$ / $<50 \text{ fA}$ Related legacy card: 7065 for 7001 systems. Prefer Keithley 3765 product literature. Confirm mainframe pairing on the unit.

No photo

MODEL

Keithley 3765

CALIBRATION

**N/A — off-catalog
OEM datasheet**

CONDITION

**See OEM
documentation**

STATUS

**Not listed on
Aumictech
inventory**

RFQ / SKU

3765

LISTING

**Off-catalog — OEM dat
asheet only**

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

Features & description

From manufacturer datasheet

Features

- Host: typically 3706A (built-in DMM usable; external DMM optional)
- Hall voltage sensitivity: as low as ~50 nV
- Sample resistance: $>10^{12} \Omega$ capability
- High-resistivity mode: $Z_{in} > 100 T\Omega$; $I_{bias} < 50 fA$; $R_{out} \sim 10 k\Omega$
- Low-resistivity mode also supported
- Input voltage window: $-8 V$ to $+8 V$ both modes
- Current source input: 3-lug female triaxial; clamped $\pm 12 V$; max $\sim 100 mA$
- Sample inputs: four 3-lug female triax; overload $\pm 12 V$ to analog ground/guard
- Accessories for sample holder and instrument interconnect included in typical kits
- Works with KHETS software

3765 Characteristics / Specifications

PARAMETER	VALUE
Model	3765
Manufacturer	Keithley Instruments (Tektronix)
Instrument Type	Hall Effect Signal Conditioning Card
Alias	3765; Keithley 3765 Electrical Hall to ~50 nV; $R > 10^{12} \Omega$; high-Z mode $> 100 \text{ T}\Omega$ / $< 50 \text{ fA}$ Operational Notes
Related legacy card	7065 for 7001 systems. Prefer Keithley 3765 product literature. Confirm mainframe pairing on the unit.
Host	typically 3706A (built-in DMM usable; external DMM optional)
Hall voltage sensitivity	as low as ~50 nV
Sample resistance	$> 10^{12} \Omega$ capability
High-resistivity mode	$Z_{in} > 100 \text{ T}\Omega$; $I_{bias} < 50 \text{ fA}$; $R_{out} \sim 10 \text{ k}\Omega$
Input voltage window	-8 V to +8 V both modes
Current source input	3-lug female triaxial; clamped $\pm 12 \text{ V}$; max $\sim 100 \text{ mA}$
Sample inputs	four 3-lug female triax; overload $\pm 12 \text{ V}$ to analog ground/guard

3765 Specifications

PARAMETER	VALUE
Keithley 3765 Hall Effect Card	Overview
Applications	Hall voltage and resistivity; semiconductor Hall coefficient; van der Pauw with switched connections.
Key Features	- Host: typically 3706A (built-in DMM usable; external DMM optional)
Technical Specifications	Model: 3765
Electrical	Hall to ~50 nV; R >10^12 Ω; high-Z mode >100 TΩ / <50 fA
Operational Notes	Related legacy card: 7065 for 7001 systems. Prefer Keithley 3765 product literature. Confirm mainframe pairing on the unit.

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	3765
Manufacturer	Keithley Instruments (Tektronix)
Instrument Type	Hall Effect Signal Conditioning Card
Alias	3765; Keithley 3765

Electrical

Hall to ~50 nV; R >10^12 Ω; high-Z mode >100 TΩ / <50 fA

Operational Notes

Related legacy card: 7065 for 7001 systems. Prefer Keithley 3765 product literature. Confirm mainframe pairing on the unit.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: N/A — off-catalog OEM datasheet. See OEM documentation · Not listed on Aumictech inventory.

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.