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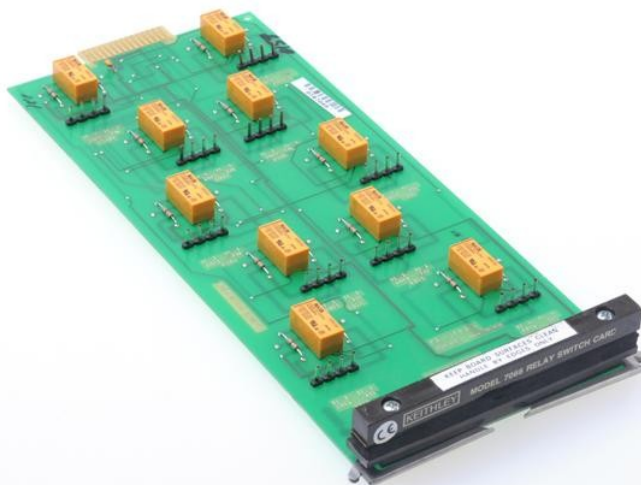
Data Sheet

August 13, 2026

KEITHLEY

Keithley 7066 Relay Switch Card

Keithley 7066 10 Channel Independent Relay Switching Card The Keithley 7066 is a non-multiplexed 10-channel switching card for 705/706 scanner mainframes. Each channel is an independent isolated 2-pole Form A relay, jumper-configurable to Form B or Form C. Intended for power-line switching, controlling external circuits, and non-multiplexed signal routing rather than scanned DMM inputs. Each channel uses a quick-disconnect screw-terminal block. Power line and actuator switching in 705/706 systems Ten independent isolated channels (not a multiplexer tree) The Keithley 7066 is a non-multiplexed 10-channel switching card for 705/706 scanner mainframes. Each channel is an independent isolated 2-pole Form A relay, jumper-configurable to Form B or Form C. Intended for power-line switching, controlling external circuits, and non-multiplexed signal routing rather than scanned DMM inputs. Each channel uses a quick-disconnect screw-terminal block. Power line and actuator switching in 705/706 systems Ten independent isolated channels (not a multiplexer tree) User jumpers select Form A, Form B, or Form C Quick-disconnect screw terminals per channel



MODEL

Keithley 7066

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

7066

LISTING

<https://aumictechlabs.com/products/7066-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keithley 7066 Relay Switch Card is a non-multiplexed switching module that delivers ten independent, isolated channels for automated test and signal routing applications. Each channel employs two-pole relays with user-selectable contact configurations (Form A, B, or C via

jumpers), enabling flexible switching topologies without multiplexing complexity. Actuation occurs in less than 2 ms, with contact resistance below 0.1 Ω initially and under 2 Ω at rated life. Contact potential measures below 30 μV per contact pair, with differential voltage under 1 μV (typical 200 nV within 1 minute of actuation). The card handles signals up to 250 V DC or RMS (350 V peak) at 2 A DC or RMS, supporting 60 W DC or 125 VA AC loads on resistive circuits. Channel isolation exceeds $10^9 \Omega$; input isolation (differential and common mode) also exceeds $10^9 \Omega$. Relay life reaches 10^8 closures under cold switching conditions and 10^7 closures at maximum signal levels. Relay drive current runs 50 mA to 80 mA typical per relay. The module connects via quick disconnect screw terminals accepting #14–#26 AWG wire. Measuring 32 mm $\times$ 114 mm $\times$ 272 mm and weighing 0.28 kg, the 7066 operates reliably from 0°C to 50°C and stores from –25°C to 65°C. It integrates directly into Keithley switching mainframes such as the 7001/7002 series, providing non-multiplexed switching for power-line control, external circuit switching, and applications requiring isolated channel independence without the overhead of matrix multiplexing.

7066 Characteristics / Specifications

PARAMETER	VALUE
Model	7066
Manufacturer	Keithley Instruments
Instrument Type	Independent relay switching card
Alias	7066; Keithley 7066
Host Mainframe	Model 705 / 706 scanner
Channel Count	10 independent isolated channels
Contact Configuration Default	2 pole FormA Contact Configuration Optional: FormBor FormCvia jumpers
Switch Topology	non-multiplexed (not a 1xN mux)
Connector Type	screw terminal blocks, quick disconnect
Poles Per Channel	2
Isolation	channel-to-channel isolated family
Typical Use	power line switching; external circuit control
Scan Style	independent actuation, not DMM multiplex
Relay Life Class	electromechanical scanner-card class
Signal Class	power and control (confirm faceplate voltage/current)
Install Path	rear-panel plug-in card
Related Mux Cards	7056 general purpose; 7058 low current; 7059 low voltage
Related HV Card	7154 high voltage scanner (715/716 family)
Form	single-slot 705/706 card
Terminals	per-channel screw blocks
Jumpers	Form A/B/C select
Make Before Break	break before make family Notes Identity from Keithley 7066 relay switching card catalog (10 independent 2-pole FormAchannels, jumper Form B/C). Peak voltage/current belong on the 7066 specification sheet and card silkscreen; confirm mainframe 705 versus 706.

7066 Specifications

PARAMETER	VALUE
Applications	Power line and actuator switching in 705/706 systems
Isolated control of external devices	Non-multiplexed 2-pole routing
Technical Specifications	Model: 7066

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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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.