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**Data Sheet**

August 6, 2026

KEITHLEY

# Keithley 7164 Switch System 20 Channel Scanner Module Card

Keithley 7164 Switch System 20 Channel Scanner Module Card The Keithley 7164 is a 20-channel, 2-pole scanner/switch card for Keithley Series 700/71xx switching mainframes. Dry-reed contact type (standard 7164); related mercury-wetted variants exist in the 71xx family. Used to multiplex signals into DMMs and other instruments in automated test systems. Multi-channel switching in Keithley switch systems; general-purpose scanner card for ATE. The Keithley 7164 is a 20-channel, 2-pole scanner/switch card for Keithley Series 700/71xx switching mainframes. Dry-reed contact type (standard 7164); related mercury-wetted variants exist in the 71xx family. Used to multiplex signals into DMMs and other instruments in automated test systems. Multi-channel switching in Keithley switch systems; general-purpose scanner card for ATE.

No photo

MODEL

**Keithley 7164**

CALIBRATION

**N/A — off-catalog  
OEM datasheet**

CONDITION

**See OEM  
documentation**

STATUS

**Not listed on  
Aumictech  
inventory**

RFQ / SKU

**7164**

LISTING

**Off-catalog — OEM dat  
asheet only**

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

## Features & description

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From manufacturer datasheet

### Features

- Channels per card: 20
- Contact configuration: 2-pole
- Contact type: dry reed (7164 standard)
- Connector: multi-pin D-shell class card edge/interface per 71xx family
- Maximum signal level: on the order of 200 V peak class with limited switched current (confirm faceplate/spec sheet for exact V/A/VA)
- Contact life: high cycle count cold switching; reduced at maximum signal
- Channel isolation and contact resistance per 7164 RevA specifications

## 7164 Characteristics / Specifications

| PARAMETER             | VALUE                                                                                                                                                                                                                                          |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                 | 7164                                                                                                                                                                                                                                           |
| Manufacturer          | Keithley Instruments                                                                                                                                                                                                                           |
| Instrument Type       | 20-Channel Scanner Module Card                                                                                                                                                                                                                 |
| Family                | Series 71xx / Switch System Cards                                                                                                                                                                                                              |
| Alias                 | 7164; Keithley 7164 Switching 20 channels, 2-pole, dry reed<br>Operational Notes Prefer Keithley Model 7164 Specifications Rev. A.<br>Confirm mainframe compatibility (7001/705/71xx class) and exact max<br>signal ratings on the card label. |
| Channels per card     | 20                                                                                                                                                                                                                                             |
| Contact configuration | 2-pole                                                                                                                                                                                                                                         |
| Contact type          | dry reed (7164 standard)                                                                                                                                                                                                                       |
| Connector             | multi-pin D-shell class card edge/interface per 71xx family                                                                                                                                                                                    |
| Maximum signal level  | on the order of 200 V peak class with limited switched current (confirm<br>faceplate/spec sheet for exact V/A/VA)                                                                                                                              |
| Contact life          | high cycle count cold switching; reduced at maximum signal                                                                                                                                                                                     |

# 7164 Specifications

| PARAMETER                | VALUE                         |
|--------------------------|-------------------------------|
| Key Features             | - Channels per card: 20       |
| Technical Specifications | Model: 7164                   |
| Switching                | 20 channels, 2-pole, dry reed |

# 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

Technical Specifications

Technical Specifications

| PARAMETER       | VALUE                             |
|-----------------|-----------------------------------|
| Model           | 7164                              |
| Manufacturer    | Keithley Instruments              |
| Instrument Type | 20-Channel Scanner Module Card    |
| Family          | Series 71xx / Switch System Cards |
| Alias           | 7164; Keithley 7164               |

Switching

20 channels, 2-pole, dry reed

Operational Notes

Prefer Keithley Model 7164 Specifications Rev. A. Confirm mainframe compatibility (7001/705/71xx class) and exact max signal ratings on the card label.

### 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](mailto:sales@aumictech.com) · +1 (484) 841-9341

#### Aumictech

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NIST-traceable calibration · SAM registered ·  
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Generated August 6, 2026

Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.