

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 12, 2026

ASTRONICS / EADS / RACAL

Astronics / EADS / Racal 1260-40A Matrix Switch Module

Astronics / EADS / Racal VXI Modules. Bandwidth: ** 20 MHz, Current: ** 150 mA base + 40 mA per energized relay (1 A ma.

**MODEL****Astronics / EADS /
Racal 1260-40A****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****1260-40A****LISTING**[https://aumictechlabs.c
om/products/1260-40a
-2/](https://aumictechlabs.com/products/1260-40a-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Astronics/EADS/Racal 1260-40A is a VXIbus matrix switch module engineered for signal routing in aerospace, defense, and telecommunications test systems. This C-size, single-slot module delivers 4×24 two-wire matrix switching with 20 MHz bandwidth and configurable architecture supporting 4×24, dual 4×12, or 8×12 matrix topologies. Non-latching relay architecture ensures safe failsafe operation - signal paths automatically disconnect upon power loss, protecting the Unit Under Test from unwanted signal injection during power cycling. The module switches up to 1 A DC or ACrms at voltages to 250 VDC or VACrms (terminal-terminal or terminal-chassis), with per-channel power handling of 30 W DC or 62.5 VA AC. Relay coil current monitoring provides confidence checking of switch state. Control is delivered via Option 01 Smart Card with message-based interface using standard syntax: "...". Expansion connectors on the front panel enable larger matrix configurations. Mechanical relay endurance exceeds 10,000,000

operations. Technical Specifications Switch Matrix: 4×24 two-wire; configurable as 4×24, dual 4×12, or 8×12 matrices Bandwidth: 20 MHz Voltage Rating: 250 VDC or VACrms (terminal-terminal or terminal-chassis) Current Capacity: 1 A DC or ACrms per channel Power Dissipation: 30 W DC or 62.5 VA AC per channel Relay Coil Current: 150 mA base + 40 mA per energized relay (1 A maximum) Relay Operations: 10,000,000 mechanical cycles Operating Temperature: 0°C to 55°C Storage Temperature: -4°C to 75°C Humidity: 85% ±5% non-condensing below 30°C Power Supply: +5 V at 0.4 A (standard); +5 V at 2.8 A (with Option 01) Key Features Non-latching relay design with fail-safe power-loss disconnect Relay coil current monitoring for state verification Message-based control via Option 01 Smart Card Front-panel expansion connectors for matrix extension Compact C-size VXIbus form factor Typical Applications Automated Test Equipment (ATE) signal routing Aerospace and defense testing systems Telecommunications signal switching Multi-channel measurement switching Compatibility & Integration VXI platform integration Compatible with Racal Instruments 1260-100 and 1260-101 Adapt-a-Switch VXIbus carriers Legacy Racal Instruments branding

Features & description

From manufacturer datasheet

Technical Specifications

Switch Matrix: 4×24 two-wire; configurable as 4×24, dual 4×12, or 8×12 matrices Bandwidth: 20 MHz
Voltage Rating: 250 VDC or VACrms (terminal-terminal or terminal-chassis) Current Capacity: 1 A DC or ACrms per channel Power Dissipation: 30 W DC or 62.5 VA AC per channel Relay Coil Current: 150 mA base + 40 mA per energized relay (1 A maximum) Relay Operations: 10,000,000 mechanical cycles
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Key Features

Non-latching relay design with fail-safe power-loss disconnect Relay coil current monitoring for state verification Message-based control via Option 01 Smart Card Front-panel expansion connectors for matrix extension Compact C-size VXIbus form factor

Compatibility & Integration

VXI platform integration Compatible with Racal Instruments 1260-100 and 1260-101 Adapt-a-Switch
VXIbus carriers Legacy Racal Instruments branding

Astronics / EADS / Racal 1260-40A — Repair & Calibration Service

Aumictech offers NIST-traceable calibration and repair for the Astronics / EADS / Racal 1260-40A. Calibration covers all module-specific parameters per manufacturer datasheet, output accuracy and linearity, frequency accuracy, and VXI register and trigger bus compliance. All calibrations ship with a NIST-traceable certificate. Turnaround is typically 1–3 business days after receipt. Standard Cal Pass/fail cert + NIST sticker Cal with Data Full NIST cert with measured values Common Astronics / EADS / Racal 1260-40A faults: relay contact wear, DAC/ADC drift, VXI backplane connector oxidation. Common faults include relay contact wear, DAC or ADC gain drift, and VXI backplane edge connector oxidation. Most modules are repaired at the component level with full post-repair verification in a C-size or D-size mainframe. [Request Calibration](#) → [Request Repair Quote](#) →

Astronics / EADS / Racal 1260-40A price

This Astronics / EADS / Racal 1260-40A is listed at . Calibration is available separately from . Contact us for volume pricing or if you need multiple units.

Astronics / EADS / Racal 1260-40A calibration cost

NIST-traceable calibration for the Astronics / EADS / Racal 1260-40A is (standard — pass/fail certificate and calibration sticker) or (full measured data at every test point, reference standards documented, traceability chain included). Calibration for this instrument covers all module-specific

parameters per manufacturer datasheet, output accuracy and linearity, frequency accuracy, and VXI register and trigger bus compliance. Turnaround is 1 to 3 business days after receipt. See full calibration details →

Applications

Automated Test Equipment (ATE) signal routing Aerospace and defense testing systems
Telecommunications signal switching Multi-channel measurement switching

Unit notes

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1260-40A Specifications

PARAMETER	VALUE
Frequency Range	DC to 20 MHz Voltage / Current Range: 1 A per channel, 250 VDC/VAC
Switch Matrix	4×24 two-wire; configurable as 4×24, dual 4×12, or 8×12 matrices
Bandwidth	20 MHz
Voltage Rating	250 VDC or VACrms (terminal-terminal or terminal-chassis)
Current Capacity	1 A DC or ACrms per channel
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Relay Coil Current	150 mA base + 40 mA per energized relay (1 A maximum)
Relay Operations	10,000,000 mechanical cycles
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Power Supply	+5 V at 0.4 A (standard); +5 V at 2.8 A (with Option 01)

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.

Astronics / EADS / Racal VXI Modules. Bandwidth: ** 20 MHz, Current: ** 150 mA base + 40 mA per energized relay (1 A ma.

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Compatible with Racal Instruments 1260-100 and 1260-101 Adapt-a-Switch VXIbus carriers

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1260-40A Specifications

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Relay coil current monitoring for state verification

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Compatibility & Integration

VXI platform integration

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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

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<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.