

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 12, 2026

ASTRONICS / EADS / RACAL

Astronics / EADS / Racal 1255A Enhanced Automatic Switch System

The Astronics / EADS / Racal 1255A is a modular VXIbus switching controller designed to reduce ATE cost and complexity by consolidating switch management into a single chassis. It accommodates up to four C-sized 1260 Series switch modules and eliminates the need for separate VXIbus mainframes and controllers. The system integrates IEEE-488 (GPIB) and RS-232 interfaces with internal VXI local bus control, enabling direct integration into existing test environments. Non-volatile memory stores relay configurations, while relay monitoring provides confidence verification. Scan mode enables synchronous testing across multiple points. VXIplug&play compliant drivers simplify system development and deployment. Aumictech offers NIST-traceable calibration and repair for the Astronics / EADS / Racal 1255A. 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. Common Astronics / EADS / Racal 1255A 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. This Astronics / EADS / Racal 1255A is listed at . Calibration is available separately from . Contact us for volume pricing or if you need multiple un



MODEL Astronics / EADS / Racal 1255A	CALIBRATION Available on request
CONDITION Used	STATUS In stock
RFQ / SKU 1255A	LISTING https://aumictechlabs.c om/products/1255a-2/

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

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Features & description

From manufacturer datasheet

Key Features

Message-based control of 1260 Series switch cards Non-volatile memory for relay configuration storage Relay monitoring with confidence checking Synchronous scan mode for multi-point testing VXIplug&play compliant drivers included Optional rack mount kit available

Astronics / EADS / Racal 1255A — Repair & Calibration Service

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Astronics / EADS / Racal 1255A price

This Astronics / EADS / Racal 1255A is listed at . Calibration is available separately from . Contact us for volume pricing or if you need multiple units.

Astronics / EADS / Racal 1255A calibration cost

NIST-traceable calibration for the Astronics / EADS / Racal 1255A 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](#) →

Unit notes

The Astronics / EADS / Racal 1255A is a modular VXIbus switching controller designed to reduce ATE cost and complexity by consolidating switch management into a single chassis. It accommodates up to four C-sized 1260 Series switch modules and eliminates the need for separate VXIbus mainframes and controllers. The system integrates IEEE-488 (GPIB) and RS-232 interfaces with internal VXI local bus control, enabling direct integration into existing test environments. Non-volatile memory stores relay configurations, while relay monitoring provides confidence verification. Scan mode enables synchronous testing across multiple points. VXIplug&play compliant drivers simplify system development and deployment. Technical Specifications Module Capacity: Supports four C-sized VXIbus 1260 Series switch modules Interfaces: IEEE-STD-488 (GPIB) interface RS-232 serial interface

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1255A Specifications

PARAMETER	VALUE
Voltage / Current Range	100/120/220/240 VAC ±10%, 150 VA max, 47-66 Hz
Input voltage	100, 120, 220, or 240 VAC ±10%
Frequency	47 to 66 Hz
Maximum consumption	150 VA Environment:
Operating temperature	0°C to 50°C
Operating humidity	95% non-condensing Standards:
EMC	Council Directive 89/336/EEC
Safety	Low Voltage Directive 73/23/EEC

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.

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- Key Features
- Message-based control of 1260 Series switch cards
 - Non-volatile memory for relay configuration storage
 - Relay monitoring with confidence checking
 - Synchronous scan mode for multi-point testing
 - VXIplug&play compliant drivers included
 - Optional rack mount kit available

Astronics / EADS / Racal 1255A – Repair & Calibration Service

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Standard Cal Pass/fail cert + NIST sticker Cal with Data Full NIST cert with measured values

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[Request Calibration](#) → [Request Repair Quote](#) →

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