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Data Sheet

August 13, 2026

ASTRONICS / EADS / RACAL

Astronics / EADS / Racal 1260-35A High-Density Multiplexer Module

The Astronics 1260-35A is a high-density multiplexer module designed for aerospace and defense applications. It enables the efficient routing and management of multiple signals, offering high reliability and performance in demanding environments. This module is ideal for data acquisition, signal conditioning, and communication systems.

**MODEL****Astronics / EADS /
Racal 1260-35A****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****1260-35A****LISTING**<https://aumictechlabs.com/products/1260-35a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Astronics / EADS / Racal 1260-35A is a high-density multiplexer module designed for VXI platforms in aerospace and defense test applications. This single-slot, C-size module delivers flexible signal routing through user-configurable two-wire, four-wire, and one-wire scanner topologies, supporting up to 250 VDC or VAC rms per channel at 1 A maximum with 30 W DC or 62.5 VAC per-channel switchable power. The module operates at 50 MHz bandwidth with low thermal offset, making it suitable for continuity testing, audio switching, and telephone line applications requiring high channel density in minimal physical space. Technical Specifications Bandwidth: 50 MHz Voltage Rating: Up to 250 VDC or VAC rms per channel Current Rating: Up to 1 A per channel Maximum Switchable Power: 30 W DC, 62.5 VAC per channel Capacitance (Open

Channel): < 600 pF Insertion Loss: < 0.1 dB at 100 kHz (1 × 6 configuration) Crosstalk: < -90 dB at 100 kHz Thermal Offset: Low Weight: 3.07 lb (1.33 kg) without Option 01/01T Cooling Requirement: 4.0 l/s airflow Key Features User-configurable into multiple topologies: one 1×96, two 1×48, four 1×24, eight 1×12, or sixteen 1×6 two-wire multiplexers; one 1×48, two 1×24, four 1×12, or eight 1×6 four-wire multiplexers; one 1×192 one-wire scanner (with additional relay) Message-based control via optional Smart Card (Option 01) Register-based operation with parallel relay control for 4-wire configurations Relay coil current monitoring for confidence checking Crimp pin type user connectors (1260-35A) or ribbon cable mating connectors (1260-35) Single-slot, C-size VXI form factor Typical Applications Continuity testing Audio and telephone line switching Signal routing in multi-channel test systems Aerospace and defense test environments Compatibility & Integration VXIbus compatible Astronics LBus Revision C/F Local Control Interface Legacy Racal Instruments infrastructure support

Features & description

From manufacturer datasheet

Features

- 1260-35 family electrical topology with crimp connectors

126035A Characteristics / Specifications

PARAMETER	VALUE
Model	1260-35A
Manufacturer	Astronics Test Systems / EADS / Racal Instruments
Instrument Type	High-density VXI multiplexer / scanner (crimp)
Form Factor	C-size, single-slot VXI
Connector Style	Crimp pin user connectors
Maximum Switching Voltage	250 VDC (250 VAC class)
Maximum Switching Current	1 A per channel
Bandwidth	about 50 MHz
Thermal Offset	low thermal EMF (family)
Ordering Class	404944-001 / 404944-S-1530-001 class listings
NSN Class	5998-01-439-9310 family listings
Control	Option 01 or Option 01T
Confidence Checking	relay coil current monitoring available
Configuration Method	onboard jumpers / switch-selectable factory configs
Analog Bus	jumper access available on many configurations
Related Base Model	1260-35 (IDC ribbon mating)
Related Revision	1260-35B
Operating Temperature Class	0 to 55 C (1260 series) Notes OEM distinguishes 35A primarily by crimp vs IDC connectors while sharing 2-wire and 4-wire configurable modes. Confirm faceplate 35A and jumper map for the intended four-wire topology before harness build.
Operating temperature	Class: 0 to 55 C (1260 series)

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: 0 to 55 C (1260 series)
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Operating Temperature Class	0 to 55 C (1260 series) Notes OEM distinguishes 35A primarily by crimp vs IDC connectors while sharing 2-wire and 4-wire configurable modes. Confirm faceplate 35A and jumper map for the intended four-wire topology before harness build.

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	1260-35A
Manufacturer	Astronics Test Systems / EADS / Racal Instruments
Instrument Type	High-density VXI multiplexer / scanner (crimp)

Form Factor: C-size, single-slot VXI

Connector Style: Crimp pin user connectors

Four-Wire Modes: 1x48; 2x24; 4x12; 8x6 four-wire scanner/mux class

Two-Wire Modes: 1x96; 2x48; 4x24; 8x12; 16x6 class

One-Wire Scanner: 1x192

Specifications

PARAMETER	VALUE
Maximum Switching Voltage	250 VDC (250 VAC class)
Maximum Switching Current	1 A per channel
Bandwidth	about 50 MHz

Thermal Offset: low thermal EMF (family)

Ordering Class: 404944-001 / 404944-S-1530-001 class listings

Specifications

PARAMETER	VALUE
NSN Class	5998-01-439-9310 family listings
Control	Option 01 or Option 01T
Confidence Checking	relay coil current monitoring available

Specifications

PARAMETER	VALUE
Configuration Method	onboard jumpers / switch-selectable factory configs
Analog Bus	jumper access available on many configurations
Related Base Model	1260-35 (IDC ribbon mating)

Related Revision: 1260-35B

Operating Temperature Class: 0 to 55 C (1260 series)

Notes

OEM distinguishes 35A primarily by crimp vs IDC connectors while sharing 2-wire and 4-wire configurable modes. Confirm faceplate 35A and jumper map for the intended four-wire topology before harness build.

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.