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Data Sheet

August 2, 2026

ASTRONICS / EADS / RACAL

Astronics / EADS / Racal 1260-30C Multiplexer VXI Module

The Astronics/EADS/Racal 1260-30C is a Multiplexer VXI Module designed for various data acquisition and signal routing applications. This module is ideal for automated test equipment (ATE) systems, data logging, and process monitoring. It offers high-speed switching and reliable performance within a VXI environment.

**MODEL****Astronics / EADS /
Racal 1260-30C****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****1260-30C****LISTING**<https://aumictechlabs.com/products/1260-30c-2/>

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NAICS 423690 • 811210 • 541380

This unit

The Astronics/EADS/Racal 1260-30C is a high-power multiplexer VXI module engineered for signal routing and switching in automated test equipment systems. This C-size, single-slot VXIbus module delivers flexible channel configurations with switching ratings up to 250V and 2A per channel, making it suitable for both DC and AC test applications across laboratory and industrial environments. Technical Specifications Switching Capacity & Configurations Maximum voltage: 220V DC or 250V AC RMS (terminal-terminal or terminal-chassis) Maximum current: 2A per channel Maximum power: 60W DC or 62.5W AC per channel Quad 1×10 multiplexer architecture configurable as one 1×40, two 1×20, four 1×10, or eight 1×5 two-wire network DC Performance Path resistance: 10⁹ Ω AC Performance (50Ω load) Bandwidth (−3 dB): Typical 35 MHz Open

channel capacitance: <25 pF Channel-chassis capacitance: <25 pF High-low capacitance: <50 pF Insertion loss: <0.2 dB @ 100 kHz, <0.25 dB @ 1 MHz, <0.5 dB @ 10 MHz Crosstalk: <-75 dB @ 100 kHz, <-60 dB @ 1 MHz, <-40 dB @ 10 MHz Power Requirements +5V: 1A nominal (0.4A without Option 01; 2.8A with Option 01) +24V: 10 mA per energized relay Physical & Environmental VXIbus C-size form factor, single-slot module Operating temperature: 0°C to +55°C Non-operating temperature: -40°C to +71°C Relative humidity: 95% ±5% non-condensing at 30°C Key Features Relay coil current monitoring for confidence checking User-supplied component mounting holes and terminator circuit pads CE Mark compliance for RF emissions, immunity, and electrical safety standards Message-based and register-based control via Option 01T interface (Option 01 Smart Card required) Typical Applications Data logging, process monitoring, and multi-channel signal switching in automated test environments requiring high-voltage and high-current switching with low crosstalk. Compatibility & Integration VXIbus C-size, single-slot module integrating directly into VXI-based ATE systems via message and register-based control protocols.

Features & description

From manufacturer datasheet

Features

- 1260-30C relay signal/multiplexer VXI module
- Part of 1260-30 series (A/B/C/D variants)
- Option 01 or 01T controller required for communication
- Message-based and register-based control (with 01T)
- Control-register bit mapping for relay channels (8 bits per register)
- C-size VXIbus switching card family
- VXIplug&play / LabVIEW / LabWindows support class (1260 series)

126030C Characteristics / Specifications

PARAMETER	VALUE
Model	1260-30C
Manufacturer	Astronics Test Systems / EADS / Racal Instruments
Instrument Type	VXIbus multiplexer / signal switching module
Series	1260-30
Form Factor	C-size VXI
Control	Option 01 (legacy) or Option 01T (SCPI / register-based)
Register Mode	control registers map relay channels (8 bits per register class)
Channel Topology	C-suffix mapping differs from 1260-30A/B/D (confirm in 1260-30 series manual)
Related	1260-30A, 1260-30B, 1260-30D
Manual	Racal 1260-30 Series, publication 980673-005 Standard Operating Conditions Install Option 01/01T in the leftmost 1260-series module of the switch set. Observe relay voltage/current ratings from the 1260-30 series manual for theCconfiguration. Use VXIplug&play drivers appropriate to the controller option.

126030C Specifications

PARAMETER	VALUE
Applications	VXI automated test switching; signal multiplexing for instruments and UUT paths; register- or message-based switching under Option 01/01T.
Key Features	- 1260-30C relay signal/multiplexer VXI module
Technical Specifications	Model: 1260-30C

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	1260-30C
Manufacturer	Astronics Test Systems / EADS / Racal Instruments
Instrument Type	VXIbus multiplexer / signal switching module
Series	1260-30
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Related	1260-30A, 1260-30B, 1260-30D
Manual	Racal 1260-30 Series, publication 980673-005

Standard Operating Conditions

Install Option 01/01T in the leftmost 1260-series module of the switch set. Observe relay voltage/current ratings from the 1260-30 series manual for theCconfiguration. Use VXIplug&play drivers appropriate to the controller option.

Operational Notes

Confirm faceplate 1260-30C vs other 30-series letters-channel topology and logical-channel numbering differ by suffix. Use the 1260-30 series manual control-register tables for 1260-30C when programming register-based mode.

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.