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Data Sheet
August 2, 2026

ASTRONICS / EADS / RACAL

Astronics / EADS / Racal 1260-37A Multiplexer Module

The Astronics/EADS/Racal 1260-37A is a multiplexer module designed for use in various data acquisition and control systems. This module enables the consolidation of multiple input signals into a single output channel, optimizing data transmission and reducing cabling complexity. Ideal for aerospace, defense, and industrial applications, it ensures reliable performance and efficient signal management.

MODEL Astronics / EADS / Racal 1260-37A	CALIBRATION Available on request
CONDITION Used	STATUS In stock
RFQ / SKU 1260-37A	LISTING https://aumictechlabs.com/products/1260-37a-2/

NIST-traceable cal · SAM registered · 30-day returns · NAICS 423690 · 811210 · 541380

This unit

The Astronics/EADS/Racal 1260-37A is a VXI C-size multiplexer module that integrates 40 Form C (SPDT) switches and eight 1×6 two-wire multiplexers into a single-slot module for test system switching and signal routing. The module supports configurable multiplexer expansion via on-board jumpers - enabling four 1×12, two 1×24, or one 1×48 two-wire channel arrangements - making it adaptable to diverse switching topologies. Signal handling capacity reaches 1A at 250VDC or ACrms, suitable for medium-power switching applications. Technical Specifications Switching Elements: 40 independent Form C (SPDT) relays; 8 integrated 1×6 two-wire multiplexers Multiplexer Configurations: User-selectable via on-board jumpers to four 1×12, two

1×24, or one 1×48 two-wire channels Signal Capacity: Up to 1A at 250VDC or ACrms Form Factor: VXI C-size plug-in module, single slot Connectors: IDC (ribbon cable) or crimp (discrete wire) options Key Features Monitored relay coils enable selectable confidence checking for relay operation verification Compact single-slot design minimizes cabling complexity and reduces chassis footprint On-board jumper configuration eliminates hardware changes for multiplexer topology reconfiguration Dual connector options accommodate different wiring infrastructure requirements Typical Applications Multi-channel signal routing and analog switching in automated test equipment (ATE) General-purpose switching networks requiring flexible channel expansion Confidence-monitored relay control in test systems Compatibility & Integration The 1260-37A requires installation of a compatible smart controller - either Racal Instruments Option 01 (native command set) or Option 01T (SCPI command set with message-based and register-based operation) - positioned in the leftmost slot of the 1260-xx series module set. This architecture enables standardized VXI platform integration with deterministic message-based control.

Features & description

From manufacturer datasheet

Features

• 40 FormCSPDT plus eight 1×6 two-wire muxes • Expandable to 1×12 / 1×24 / 1×48 two-wire (jumper configured) • One-wire 1×96 mode available • Switches up to 1 A and 250 VDC/ACrms • 30 WDC / 62.5 VA per channel max • About 35 MHz bandwidth (SPDT and 1×6 class, OEM datasheet) • Relay coil monitoring / confidence checking • Option 01 or 01T control • 1260-37A crimp connector variant

126037A Characteristics / Specifications

PARAMETER	VALUE
Model	1260-37A (related 1260-37 IDC)
Manufacturer	Astronics Test Systems / EADS / Racal Instruments
Instrument Type	Multiplexer / SPDT VXI switch module
Form Factor	C-size, single-slot VXI
SPDT Channels	40 FormCMux Configuration: eight 1×6 default; expandable to 1×48 two-wire or 1×96 one-wire
Max Switching Voltage	250 VDC or ACrms
Max Switching Current	1 A DC or ACrms per channel
Max Switching Power	30 WDC, 62.5 VA per channel
Path Resistance	less than 0.5 Ohm (SPDT or 1×6 class)
Control	Option 01 or Option 01T
Ordering	407353-001 (1260-37A crimp); 407353 (1260-37 IDC) Standard Operating Conditions Install Option 01/01T per 1260 system rules. Verify jumper configuration before applying signals. Use mating crimp connector hardware supplied/ordered for 1260-37A.
Bandwidth	(SPDT and 1×6 class, OEM datasheet) - Relay coil monitoring / confidence checking - Option 01 or 01T control - 1260-37A crimp connector variant

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

PARAMETER	VALUE
Model	1260-37A (related 1260-37 IDC)
Manufacturer	Astronics Test Systems / EADS / Racal Instruments
Instrument Type	Multiplexer / SPDT VXI switch module
Form Factor	C-size, single-slot VXI
SPDT Channels	40 Form C
Mux Configuration	eight 1x6 default; expandable to 1x48 two-wire or 1x96 one-wire
Max Switching Voltage	250 VDC or ACrms
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Max Switching Power	30 WDC, 62.5 VA per channel

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Max Switching Voltage	250 VDC or ACrms
Max Switching Current	1 A DC or ACrms per channel
Max Switching Power	30 WDC, 62.5 VA per channel

Bandwidth (-3 dB): about 35 MHz (SPDT or 1x6, family datasheet)
Path Resistance: less than 0.5 Ohm (SPDT or 1x6 class)
Control: Option 01 or Option 01T
Ordering: 407353-001 (1260-37A crimp); 407353 (1260-37 IDC)

Standard Operating Conditions
Install Option 01/01T per 1260 system rules. Verify jumper configuration before applying signals. Use mating crimp connector hardware supplied/ordered for 1260-37A.

Operational Notes
Confirm 1260-37A (crimp) vs 1260-37 (IDC) before ordering mating connectors. Register-based channel mapping

differs for 4-wire mux channels (parallel control bits)–see 1260-37/37A manual when using Option 01T register 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

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