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**Data Sheet**

August 2, 2026

ASTRONICS / EADS / RACAL

# Astronics / EADS / Racal 1260-37 Multiplexer Module

Astronics / EADS / Racal 1260-37 Multiplexer Module The Astronics / EADS / Racal 1260-37 (126037) combines 40 Form C (SPDT) switches with eight 1×6 two-wire multiplexers in a single-slot C-size VXI module. On-board jumpers expand the mux section to four 1×12, two 1×24, or one 1×48 two-wire channels. The combination of independent SPDT paths and expandable multiplexers covers a large share of general-purpose switching in one VXI slot. Relay coil monitoring provides selectable confidence checking. The base 1260-37 uses IDC ribbon connectors (ordering 407353); the 1260-37A variant uses crimp connectors (407353-001). Control is via Option 01 or Option 01T. The Astronics / EADS / Racal 1260-37 (126037) combines 40 Form C (SPDT) switches with eight 1×6 two-wire multiplexers in a single-slot C-size VXI module. On-board jumpers expand the mux section to four 1×12, two 1×24, or one 1×48 two-wire channels. The combination of independent SPDT paths and expandable multiplexers covers a large share of general-purpose switching in one VXI slot. Relay coil monitoring provides selectable confidence checking. The base 1260-37 uses IDC ribbon connectors (ordering 407353); the 1260-37A variant uses crimp connectors (407353-001). Control is via Option 01 or Option 01T. General-purpose VXI switching and multiplexing; building user-defined switch networks; ATE signal routing combining SPDT and mux paths.



MODEL

**Astronics / EADS /  
Racal 1260-37**

CALIBRATION

**Available on  
request**

CONDITION

**Used**

STATUS

**In stock**

RFQ / SKU

**1260-37**

LISTING

<https://aumictechlabs.com/products/1260-37-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

## This unit

The Astronics/EADS/Racal 1260-37 is a C-Size VXI multiplexer module combining 40 independent Form C (SPDT) relays with eight configurable 1×6 multiplexers in a single slot. This hybrid switching architecture maximizes chassis density for applications requiring both dedicated relay switching and multiplexed signal routing. Technical Specifications Switching Architecture 40 Form C (SPDT) independent relays Eight 1×6 multiplexers, user-configurable via on-board jumpers Signal handling: up to 1 A and 250 VDC or ACrms per channel Multiplexer Configuration The module supports multiple expansion modes: four 1×12 channels, two 1×24 channels, one 1×48 two-wire channel, or one 1×96 one-wire channel. Jumper-selectable configuration allows flexible adaptation to test requirements without hardware replacement. Relay Assurance Relay coil monitoring provides user-selectable confidence checking to verify proper relay operation during test execution. Control Interface Two control options are available: Racal Instruments™ Option 01 (message-based) and Option 01T (message-based and register-based). The 1260-01T Smart Card enables register-based operation with control-register-to-relay mapping. SPDT channels are addressed with a leading "1" (channels 100–139 map to relay positions 00–39). Control Registers operate 8 channels simultaneously with 8 control bits per register; Control Register 0 resides at the module's Base A24 Address. Key Features Hybrid SPDT/multiplexer design reduces module count and simplifies interconnection On-board jumper configuration eliminates firmware dependencies Relay monitoring ensures switched signal integrity Dual control interfaces support native and SCPI command sets C-Size form factor integrates into standard VXI chassis Typical Applications General-purpose switching and multiplexing in test systems, telecom signal routing, multi-channel data acquisition, and equipment validation requiring both switched and multiplexed signal paths. Compatibility & Integration Module operates on any VXI platform. Supplied with one set of mating connectors; additional connectors are available in IDC (ribbon cable) or crimp (discrete wire) configurations. The 1260-37 was formerly branded as Racal Instruments and integrates with compatible smart controllers when a 1260-series smart card is installed in the left-most slot of a card set.

## Features & description

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From manufacturer datasheet

### Features

- 40 FormCSPDT plus eight 1×6 two-wire muxes • Expandable to 1×12 / 1×24 / 1×48 two-wire via jumpers • Switches up to 1 A and 250 VDC or ACrms • 30 WDC / 62.5 VA per channel max • Closed-channel resistance less than 0.5 ohm • About 35 MHz bandwidth (SPDT and 1×6) • Relay coil monitoring / confidence checking • Option 01 or 01T control • IDC connector version (407353)

## 1260 Characteristics / Specifications

| PARAMETER       | VALUE                                                                                                                                                                                                                           |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model           | 1260-37 (126037)                                                                                                                                                                                                                |
| 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: eight 1×6 two-wire; expandable to 1×12 / 1×24 / 1×48                                                                                                                                                               |
| Max Voltage     | 250 VDC or ACrms                                                                                                                                                                                                                |
| Max Current     | 1 A DC or ACrms per channel                                                                                                                                                                                                     |
| Max Power       | 30 W DC, 62.5 VA per channel                                                                                                                                                                                                    |
| Path Resistance | less than 0.5 ohm (SPDT or 1×6)                                                                                                                                                                                                 |
| Control         | Option 01 or Option 01T                                                                                                                                                                                                         |
| Weight          | about 3.07 lb without Option 01; 3.35 lb with                                                                                                                                                                                   |
| Ordering        | 407353 (IDC); related 407353-001 (1260-37A crimp) Standard Operating Conditions Install Option 01/01T in the leftmost 1260-series module. Configure mux jumpers before applying signals. Observe voltage/current/power ratings. |
| Bandwidth       | (SPDT and 1×6) - Relay coil monitoring / confidence checking - Option 01 or 01T control - IDC connector version (407353)                                                                                                        |

# 1260 Specifications

| PARAMETER                | VALUE                                                                                                                |
|--------------------------|----------------------------------------------------------------------------------------------------------------------|
| Key Features             | - 40 Form C SPDT plus eight 1×6 two-wire muxes                                                                       |
| Technical Specifications | Model: 1260-37 (126037)                                                                                              |
| Operational Notes        | Confirm 1260-37 IDC vs 1260-37A crimp. Default mux expansion jumper state should be verified on the installed board. |

# 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           | 1260-37 (126037)                                     |
| 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             | eight 1x6 two-wire; expandable to 1x12 / 1x24 / 1x48 |
| Max Voltage     | 250 VDC or ACrms                                     |
| Max Current     | 1 A DC or ACrms per channel                          |
| Max Power       | 30 W DC, 62.5 VA per channel                         |
| Path Resistance | less than 0.5 ohm (SPDT or 1x6)                      |

Specifications

| PARAMETER       | VALUE                                                             |
|-----------------|-------------------------------------------------------------------|
| Model           | 1260-37 (126037)                                                  |
| 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: eight 1x6 two-wire; expandable to 1x12 / 1x24 / 1x48 |
| Max Voltage     | 250 VDC or ACrms                                                  |
| Max Current     | 1 A DC or ACrms per channel                                       |
| Max Power       | 30 W DC, 62.5 VA per channel                                      |
| Path Resistance | less than 0.5 ohm (SPDT or 1x6)                                   |

Bandwidth (-3 dB): about 35 MHz (SPDT and 1x6)  
Control: Option 01 or Option 01T  
Power (+5 V): about 0.4 A (about 2.8 A with Option 01)  
Weight: about 3.07 lb without Option 01; 3.35 lb with  
Ordering: 407353 (IDC); related 407353-001 (1260-37A crimp)  
  
Standard Operating Conditions  
Install Option 01/01T in the leftmost 1260-series module. Configure mux jumpers before applying signals.

Observe voltage/current/power ratings.

#### Operational Notes

Confirm 1260-37 IDC vs 1260-37A crimp. Default mux expansion jumper state should be verified on the installed board.

### Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: [sales@aumictech.com](mailto:sales@aumictech.com) · +1 (484) 841-9341

#### Aumictech

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NIST-traceable calibration · SAM registered ·  
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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.