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Data Sheet

August 2, 2026

ASTRONICS / EADS / RACAL

Astronics / EADS / Racal 1260-16 Relay Actuator Module

Astronics / EADS / Racal 1260-16 Relay Actuator Module The Astronics / EADS / Racal 1260-16 (126016) isaC-size VXI relay actuator module in the 1260-series switch family, configured as 40 independent SPDT channels for general-purpose signal switching and control of external devices. Custom relay switch networks may be configured with some relays while remaining channels continue independent operation. Each channel switches up to 5 A at 30 VDC or 250 VACrms. Relay coil monitoring provides user-selectable confidence checking. The module is controlled via Racal Instruments Option 01 (message-based) or Option 01T (message-based and register-based) interface. Distinct from 1260-13 (40 DPST) and 1260-16A (64-channel, 6 A high-power variant). The Astronics / EADS / Racal 1260-16 (126016) isaC-size VXI relay actuator module in the 1260-series switch family, configured as 40 independent SPDT channels for general-purpose signal switching and control of external devices. Custom relay switch networks may be configured with some relays while remaining channels continue independent operation. Each channel switches up to 5 A at 30 VDC or 250 VACrms. Relay coil monitoring provides user-selectable confidence checking. The module is controlled via Racal Instruments Option 01 (message-based) or Option 01T (message-based and register-based) interface. Distinct from 1260-13 (40 DPST) and 1260-16A



MODEL

**Astronics / EADS /
Racal 1260-16**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

1260-16

LISTING

[https://aumictechlabs.c
om/products/1260-16-
2/](https://aumictechlabs.com/products/1260-16-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Astronics/EADS/Racal 1260-16 Relay Actuator Module is a C-size, single-slot VXIbus module that provides 40 independent SPDT channels for general-purpose switching and control of external devices. Each channel switches up to 5 A at 30 VDC or 250 VACrms, with maximum switchable power of 150 W DC or 1250 VA per channel. The module delivers 30 MHz bandwidth (-3 dB) with insertion loss 45 dB isolation. Relay coils feature user-selectable confidence monitoring to verify proper operation. Technical Specifications Channels: 40 SPDT (Single-Pole Double-Throw) Switching Capacity: Up to 5 A; 30 VDC or 250 VACrms; 150 W DC / 1250 VA maximum per channel Frequency Response: 30 MHz bandwidth (-3 dB) Insertion Loss: <0.25 dB @ 1 MHz; 45 dB @ 1 MHz; >30 dB @ 10 MHz; >10⁹ Ω Crosstalk: <-60 dB @ 1 MHz; <-40 dB @ 10 MHz Capacitance: <150 pF (open channel); <450 pF (channel-chassis) Switch Endurance: 10,000,000 mechanical operations; 500,000 electrical @ 250 VAC / 1.5 A MTBF: 329,990 hrs @ 25°C; 305,256 hrs @ 30°C Power Requirements: +5 VDC @ 0.25 A; 80 W maximum dissipation Key Features Relay coil monitoring with user-selectable confidence checking Provision for fuse or surge suppression components 4 × 50-pin Positronic connectors on front panel Message-based control via Option 01 or Option 01T interface Environmental & Physical Operating Temperature: 0 °C to +55 °C Storage Temperature: -40 °C to +71 °C Operating Altitude: 10,000 ft Humidity: 85% ± 5% non-condensing at <30 °C Weight: 3.3 lbs (1.5 kg) with Option 01T; 2.77 lbs (1.25 kg) with Option 01 Cooling: 5.4 L/s airflow EMC: EN55011A; IEC 901-2,3,4 per EN 50082-1; EN 61010-1 Pollution Class 2 Compatibility & Integration Integrates directly into VXIbus systems. Control via Racal Instruments Option 01 Smart Card (message-based) or Option 01T Switch Controller Card (message and register-based).

Features & description

From manufacturer datasheet

Features

- 40 channels of independent SPDT relays • Each channel switches up to 5 A, 30 VDC or 250 VACrms
- Custom relay switch networks configurable on selected channels • Relay coil monitoring / confidence checking • Provision for fuse or surge suppression components • Option 01 or Option 01T control interface • C-size VXI single-slot module • Related: 1260-13 (DPST); 1260-16A (64 ch, 6 A)

1260 Characteristics / Specifications

PARAMETER	VALUE
Model	1260-16 (126016)
Manufacturer	Astronics Test Systems / EADS North America / Racal Instruments
Instrument Type	Relay actuator VXI module
Form Factor	C-size VXI single slot
Switch Configuration	40 independent SPDT relays
Max Voltage	30 VDC or 250 VAC rms per channel
Max Current	5 A per channel
Control	Option 01 (message-based) or Option 01T (message-based and register-based)
Features	relay coil monitoring; fuse/surge suppression mounting provision
NSN Example	5963-01-533-8608 (catalog class) Standard Operating Conditions Install in compatible VXI chassis with Option 01/01T control in the leftmost 1260-series module of the switch set. Observe voltage, current, and power ratings per channel. Use confidence-check features when verifying relay coil drive.
Related	1260-13 (DPST); 1260-16A (64 ch, 6 A)

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	
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Form Factor	C-size VXI single slot
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Standard Operating Conditions	
Install in compatible VXI chassis with Option 01/01T control in the leftmost 1260-series module of the switch set. Observe voltage, current, and power ratings per channel. Use confidence-check features when verifying relay coil drive.	
Operational Notes	
1260-16 is SPDT (not 1260-13 DPST). Do not confuse with 1260-16A (64 channels, 6 A). Confirm Option 01 vs 01T firmware and connector kit on the installed module. Exact front-panel connector and pinout are in the 1260-16 OEM datasheet.	

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.