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Data Sheet

August 13, 2026

ASTRONICS / EADS / RACAL

Astronics / EADS / Racal 1260-17A High-Density Switch Module

Aumictech offers NIST-traceable calibration and repair for the Astronics / EADS / Racal 1260-17A. Calibration covers all module-specific parameters per manufacturer datasheet, output accuracy and linearity, frequency accuracy, and VXI register and trigger bus compliance. All calibrations ship with a NIST-traceable certificate. Turnaround is typically 1–3 business days after receipt. Common Astronics / EADS / Racal 1260-17A faults: relay contact wear, DAC/ADC drift, VXI backplane connector oxidation. Common faults include relay contact wear, DAC or ADC gain drift, and VXI backplane edge connector oxidation. Most modules are repaired at the component level with full post-repair verification in a C-size or D-size mainframe. This Astronics / EADS / Racal 1260-17A is listed at . Calibration is available separately from . Contact us for volume pricing or if you need multiple units.

**MODEL****Astronics / EADS /
Racal 1260-17A****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****1260-17A****LISTING**<https://aumictechlabs.com/products/1260-17a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Astronics / EADS / Racal 1260-17A is a high-density switch module for VXIbus platforms delivering 80 independent Form C (SPDT) relay channels in a single C-size slot. Each channel switches up to 250 VDC or VAC rms at 1 A maximum, with bandwidth to 60 MHz. Channels

configure individually or link together for custom switching matrices. Integrated relay contact monitoring enables user-selectable confidence checking to verify proper operation. Control via message-based and register-based interfaces through Option 01 or Option 01T smart controllers; Option 01T adds SCPI command compatibility. The module includes mating connectors (IDC ribbon or crimp discrete-wire options) and carries CE marking for European electrical safety and RF emissions/immunity compliance. Operating range 0°C to 55°C; rated for 10,000 ft altitude, 30 g shock (11 ms, ½ sine), and 85 ±5% RH non-condensing at 30°C. Designed for aerospace, defense, and advanced test platforms where space-efficient, high-reliability signal routing is critical.

Features & description

From manufacturer datasheet

Features

- 80 independent Form C (SPDT) relays

126017A Characteristics / Specifications

PARAMETER	VALUE
Model	1260-17A
Manufacturer	Astronics Test Systems / EADS / Racal Instruments
Instrument Type	80-channel SPDT FormCVXI switch module
Form Factor	C-size, single-slot VXI
Channels	80 SPDT FormC Connector Style: Crimp discrete-wire (vs IDC on 1260-17)
Maximum Switchable Voltage	250 VDC or VACrms
Maximum Switchable Current	1 A DC or ACrms per channel
Maximum Switchable Power	30 W DC, 62.5 VA AC per channel
Path Resistance	less than 0.5 ohm
Isolation DC	greater than 2e9 ohm
Thermal EMF	less than 10 uV
Insertion Loss 100 kHz	less than 0.1 dB
Insertion Loss 1 MHz	less than 0.5 dB
Insertion Loss 10 MHz	less than 1.0 dB
Isolation 10 MHz	less than -30 dB
Crosstalk 100 kHz	less than -45 dB
Crosstalk 1 MHz	less than -40 dB
Crosstalk 10 MHz	less than -35 dB
Capacitance Input to Output	less than 10 pF
Ordering	407165-001 (1260-17A crimp); 407165 is IDC 1260-17
Crimp Connector Body	602159-064 (64-pin DIN; 4 supplied with 17A)
Crimp Pins	602159-900 (256 supplied with 17A)
Weight	about 2.97 lb without Option 01/01T; 3.25 lb with
Control	Option 01 or Option 01T

PARAMETER	VALUE
MTBF	about 216998 hrs (datasheet) Notes Specs from Astronics 1260-17/17A datasheet. Confirm faceplate 17A (crimp) vs 17 (IDC). Use 407207 bracket retainer kit for crimp strain relief when required.
Bandwidth	exceeds 60 MHz. Channels may be used independently or linked into custom networks. Relay contact monitoring supports confidence checking. Control is via Option 01 or Option 01T.

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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PARAMETER	VALUE
Maximum Switchable Current	1 A DC or ACrms per channel
Maximum Switchable Power	30 W DC, 62.5 VA AC per channel
Path Resistance	less than 0.5 ohm
Isolation DC: greater than 2e9 ohm	
Thermal EMF: less than 10 uV	
Bandwidth (-3 dB): greater than 60 MHz	
Specifications	
PARAMETER	VALUE
Insertion Loss 100 kHz	less than 0.1 dB
Insertion Loss 1 MHz	less than 0.5 dB
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Isolation 10 MHz	less than -30 dB
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Notes
Specs from Astronics 1260-17/17A datasheet. Confirm faceplate 17A (crimp) vs 17 (IDC). Use 407207 bracket retainer kit for crimp strain relief when required.

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.