

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 12, 2026

ASTRONICS / EADS / RACAL

Astronics / EADS / Racal 1260-45A High-Density Switch Matrix (Option 01 or 01T Compatible)

The Astronics 1260-45A is a high-density switch matrix designed for signal routing applications. Compatible with Option 01 or 01T, it offers versatile connectivity and reliable performance in automated test equipment and communication systems.

**MODEL****Astronics / EADS /
Racal 1260-45A****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****1260-45A****LISTING**<https://aumictechlabs.com/products/1260-45a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Astronics / EADS / Racal 1260-45A is a C-size VXIbus high-density switch matrix module engineered for complex signal routing in automated test systems. This single-slot unit delivers eleven factory-configurable matrix arrangements - from four 4×16 matrices to a single 16×16 matrix - enabling flexible signal path management within a single chassis. The module switches signals up to 1 A and 250 VDC, with bandwidth performance ranging from 25 MHz (4×16, 4×32 configurations) to 20 MHz (4×64 configuration). Guard relays at row inputs provide non-latching behavior with automatic disconnect on power loss, protecting the Unit Under Test. Jumper-selectable bypass enables full latching relay operation for communication applications requiring maintained signal paths. Technical Specifications Form Factor: C-size, single-slot VXIbus module Matrix Configurations: Eleven selectable arrangements including four 4×16, two 8×16, two 4×32,

one 8×32, one 4×64, one 16×16, and hybrid combinations (two 4×16 + one 8×16, two 4×16 + one 4×32) Switching Voltage: Up to 250 VDC or 300 VDC/ACrms maximum Switching Current: Up to 1 A DC or ACrms per channel Bandwidth (–3 dB): 25 MHz (4×16, 4×32); 20 MHz (4×64) Channel Capacitance: <50 pF (open); <80 pF (closed) Relay Type: Non-latching guard relays with jumper-selectable latching configuration Mechanical Operations Rating: 10,000,000 cycles Key Features Guard relays at row inputs revert to open state on power loss, disconnecting signal paths from UUT Configurable via factory settings, internal jumpers, and external cabling External expansion capability for larger matrices within single chassis Low closed-channel capacitance supports high-frequency signal integrity Interfaces VXIbus compliant Compatible with Option 01 (native command set) and Option 01T (SCPI and register-based control) IDC ribbon cable or crimp discrete wire connectors available Physical Characteristics Weight: 3.07 lb (1.38 kg) without Option 01

Features & description

From manufacturer datasheet

Technical Specifications

Form Factor: C-size, single-slot VXIbus module Matrix Configurations: Eleven selectable arrangements including four 4×16, two 8×16, two 4×32, one 8×32, one 4×64, one 16×16, and hybrid combinations (two 4×16 + one 8×16, two 4×16 + one 4×32) Switching Voltage: Up to 250 VDC or 300 VDC/ACrms maximum Switching Current: Up to 1 A DC or ACrms per channel Bandwidth (−3 dB): 25 MHz (4×16, 4×32); 20 MHz (4×64) Channel Capacitance: <50 pF (open); <80 pF (closed) Relay Type: Non-latching guard relays with jumper-selectable latching configuration Mechanical Operations Rating: 10,000,000 cycles

Key Features

Guard relays at row inputs revert to open state on power loss, disconnecting signal paths from UUT Configurable via factory settings, internal jumpers, and external cabling External expansion capability for larger matrices within single chassis Low closed-channel capacitance supports high-frequency signal integrity

Interfaces

VXIbus compliant Compatible with Option 01 (native command set) and Option 01T (SCPI and register-based control) IDC ribbon cable or crimp discrete wire connectors available

Specifications

Parameter	Value
Frequency Range	DC to 25 MHz (select configurations) DC to 20 MHz (4×64) Voltage / Current Range
	Up to 250 VDC or 300 VDC/ACrms

Astronics / EADS / Racal 1260-45A — Repair & Calibration Service

Aumictech offers NIST-traceable calibration and repair for the Astronics / EADS / Racal 1260-45A. 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. Standard Cal Pass/fail cert + NIST sticker Cal with Data Full NIST cert with measured values Common Astronics / EADS / Racal 1260-45A 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. [Request Calibration](#) → [Request Repair Quote](#) →

Astronics / EADS / Racal 1260-45A price

This Astronics / EADS / Racal 1260-45A is listed at . Calibration is available separately from . Contact us for volume pricing or if you need multiple units.

Astronics / EADS / Racal 1260-45A calibration cost

NIST-traceable calibration for the Astronics / EADS / Racal 1260-45A is (standard — pass/fail certificate and calibration sticker) or (full measured data at every test point, reference standards documented, traceability chain included). Calibration for this instrument covers all module-specific parameters per manufacturer datasheet, output accuracy and linearity, frequency accuracy, and VXI register and trigger bus compliance. Turnaround is 1 to 3 business days after receipt. See full calibration details →

Unit notes

The Astronics / EADS / Racal 1260-45A is a C-size VXIbus high-density switch matrix module engineered for complex signal routing in automated test systems. This single-slot unit delivers eleven factory-configurable matrix arrangements - from four 4×16 matrices to a single 16×16 matrix - enabling flexible signal path management within a single chassis. The module switches signals up to 1 A and 250 VDC, with bandwidth performance ranging from 25 MHz (4×16, 4×32 configurations) to 20 MHz (4×64 configuration). Guard relays at row inputs provide non-latching behavior with automatic disconnect on power loss, protecting the Unit Under Test. Jumper-selectable bypass enables full latching relay operation for communication applications requiring maintained signal paths. Technical Specifications Form Factor: C-size, single-slot VXIbus module Matrix Configurations: Eleven selectable arrangements including four 4×16, two 8×16, two 4×32, one 8×32, one 4×64, one 16×16, and hybrid combinations (two 4×16 + one 8×16, two 4×16 + one 4×32) Switching Voltage: Up to 250 VDC or 300 VDC/ACrms maximum Switching Current: Up to 1 A DC or ACrms per channel Bandwidth (−3 dB): 25 MHz (4×16, 4×32); 20 MHz (4×64) Channel Capacitance: <50 pF (open); <80 pF (closed) Relay Type: Non-latching guard relays with jumper-selectable latching configuration Mechanical Operations Rating: 10,000,000 cycles Key Features Guard relays at row inputs revert to open state on power loss, disconnecting signal paths from UUT Con

1260-45A Specifications

PARAMETER	VALUE
Frequency Range	DC to 25 MHz (select configurations)
DC to 20 MHz (4×64) Voltage / Current Range	Up to 250 VDC or 300 VDC/ACrms
Form Factor	C-size, single-slot VXIbus module
Matrix Configurations	Eleven selectable arrangements including four 4×16, two 8×16, two 4×32, one 8×32, one 4×64, one 16×16, and hybrid combinations (two 4×16 + one 8×16, two 4×16 + one 4×32)
Switching Voltage	Up to 250 VDC or 300 VDC/ACrms maximum
Switching Current	Up to 1 A DC or ACrms per channel
Bandwidth (–3 dB)	25 MHz (4×16, 4×32); 20 MHz (4×64)
Channel Capacitance	<50 pF (open); <80 pF (closed)
Relay Type	Non-latching guard relays with jumper-selectable latching configuration
Mechanical Operations Rating	10,000,000 cycles

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.

The Astronics 1260-45A is a high-density switch matrix designed for signal routing applications. Compatible with Option 01 or 01T, it offers versatile connectivity and reliable performance in automated test equipment and communication systems.

The Astronics / EADS / Racal 1260-45A is a C-size VXibus high-density switch matrix module engineered for complex signal routing in automated test systems. This single-slot unit delivers eleven factory-configurable matrix arrangements - from four 4x16 matrices to a single 16x16 matrix - enabling flexible signal path management within a single chassis. The module switches signals up to 1 A and 250 VDC, with bandwidth performance ranging from 25 MHz (4x16, 4x32 configurations) to 20 MHz (4x64 configuration). Guard relays at row inputs provide non-latching behavior with automatic disconnect on power loss, protecting the Unit Under Test. Jumper-selectable bypass enables full latching relay operation for communication applications requiring maintained signal paths.

Matrix Configurations: Eleven selectable arrangements including four 4x16, two 8x16, two 4x32, one 8x32, one 4x64, one 16x16, and hybrid combinations (two 4x16 + one 8x16, two 4x16 + one 4x32)

Relay Type: Non-latching guard relays with jumper-selectable latching configuration

1260-45A Specifications

PARAMETER	VALUE
Frequency Range	DC to 25 MHz (select configurations)
DC to 20 MHz (4x64) Voltage / Current Range	Up to 250 VDC or 300 VDC/ACrms
Form Factor	C-size, single-slot VXibus module
Matrix Configurations	Eleven selectable arrangements including four 4x16, two 8x16, two 4x32, one 8x32, one 4x64, one 16x16, and hybrid combinations (two 4x16 + one 8x16, two 4x16 + one 4x32)
Switching Voltage	Up to 250 VDC or 300 VDC/ACrms maximum
Switching Current	Up to 1 A DC or ACrms per channel
Bandwidth (-3 dB)	25 MHz (4x16, 4x32); 20 MHz (4x64)
Channel Capacitance	<50 pF (open); <80 pF (closed)
Relay Type	Non-latching guard relays with jumper-selectable latching configuration
Mechanical Operations Rating	10,000,000 cycles

Technical Specifications

Form Factor: C-size, single-slot VXibus module

Matrix Configurations: Eleven selectable arrangements including four 4x16, two 8x16, two 4x32, one 8x32, one 4x64, one 16x16, and hybrid combinations (two 4x16 + one 8x16, two 4x16 + one 4x32)

Switching Voltage: Up to 250 VDC or 300 VDC/ACrms maximum

Switching Current: Up to 1 A DC or ACrms per channel

Bandwidth (-3 dB): 25 MHz (4x16, 4x32); 20 MHz (4x64)

Channel Capacitance: <50 pF (open); <80 pF (closed)

Relay Type: Non-latching guard relays with jumper-selectable latching configuration

Mechanical Operations Rating: 10,000,000 cycles

Key Features

Guard relays at row inputs revert to open state on power loss, disconnecting signal paths from UUT

Configurable via factory settings, internal jumpers, and external cabling

External expansion capability for larger matrices within single chassis

Low closed-channel capacitance supports high-frequency signal integrity

Interfaces

VXIbus compliant

Compatible with Option 01 (native command set) and Option 01T (SCPI and register-based control)

IDC ribbon cable or crimp discrete wire connectors available

Specifications

Parameter	Value
Frequency Range	DC to 25 MHz (select configurations) DC to 20 MHz (4x64) Voltage / Current
Range	Up to 250 VDC or 300 VDC/ACrms

Astronics / EADS / Racal 1260-45A – Repair & Calibration Service

Aumictech offers NIST-traceable calibration and repair for the Astronics / EADS / Racal 1260-45A. 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.

Standard Cal Pass/fail cert + NIST sticker Cal with Data Full NIST cert with measured values

Common Astronics / EADS / Racal 1260-45A 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.

[Request Calibration](#) → [Request Repair Quote](#) →

Astronics / EADS / Racal 1260-45A price

This Astronics / EADS / Racal 1260-45A is listed at . Calibration is available separately from . Contact us for volume pricing or if you need multiple units.

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>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 12, 2026

Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.