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Data Sheet

August 15, 2026

CYTEC / AD DATA SYSTEMS

Cytec / AD Data Systems 230122-112 Single Pole, Registered Based VXI Switch Module

The Cytec / AD Data Systems 230122-112 is a Single Pole, Registered Based VXI Switch Module engineered for integration into VXI-based automated test systems. This C-Size module delivers high-speed signal routing through mercury-wetted reed relays and a registered-based architecture that ensures reliable switching operations within a VXI environment. The module complies with VXIbus specifications and ARINC 608A standards, enabling seamless interoperability across VXI chassis platforms. Architecture: Registered-based interface for high-speed control and efficient data transfer Power Source: VXI card cage (+5V and +12 VDC) with optional external +12 VDC input Aumictech offers NIST-traceable calibration and repair for the Cytec / AD Data Systems 230122-112. Calibration covers all module-specific parameters per manufacturer datasheet, output accuracy and linearity, frequency accuracy, and



MODEL

Cytec / AD Data Systems 230122-112

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

230122-112

LISTING

<https://aumictechlabs.com/products/230122-112/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

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Technical Specifications

Module Type: VXI Switch Module (C-Size form factor) **Model Number:** 230122-112 **Manufacturer:** Cytec / AD Data Systems

Switching Configuration: Single Pole, Form A **Relay Type:** Mercury-wetted reed relays **Current Rating:** Up to 2 A per Form A switch **Architecture:** Registered-based interface for high-speed control and efficient data transfer **Logical Address:** Configurable via DIP switches; range up to 255 **Power Source:** VXI card cage (+5V and +12 VDC) with optional external +12 VDC input

Key Features

- Mercury-wetted reed relay construction for reliable switching performance
- Registered-based interface architecture enabling rapid command execution
- Front panel connectors for external signal connections
- Configurable logical addressing via side-mounted DIP switches
- VXIbus Specification compliant for multi-module system integration
- ARINC 608A design compliance

Typical Applications

- Automated signal routing in test and measurement systems
- High-speed switching operations within modular VXI instrumentation
- Signal path selection in complex measurement setups
- Relay-based switching in aerospace and defense test environments

Compatibility & Integration

The 230122-112 operates via both message-based and register-based VXIbus protocols, allowing flexible integration with existing VXI chassis and instrumentation frameworks. The module's C-Size form factor adheres to standard VXI mechanical and electrical specifications, ensuring physical and functional compatibility across compliant VXI systems.

230122112 Characteristics / Specifications

PARAMETER	VALUE
Model	230122-112
Instrument Type	VXI C-size switch module
Pole Count	single pole
Relay Type	mercury wetted
Vxi Mode	register based
Family	AD Data Systems CY series VXI C-size switch modules
Arinc Class	ARINC 608A resource distributor family (4×1×1 and 48×1×1 cited on 230122 listings)
Siblings	230122-111, 230122-122
Family Mux	CY series multiplexers with up to 128 switch points (family text)
Family Types	multiplexers, matrices, microwave, Form A, Form C, 50 ohm coaxial, solid state, ECL
Low Thermal Sibling	230131-123 double-pole low-thermal offsets less than 1 uV (not claimed for 230122-112)
Manufacturer	Cytec / AD Data Systems
Literature	Artisan Cytec/AD Data Systems 230122-112 listings; CY series VXI C-size family text
Form Factor	VXI C-size module
System Role	register-based VXI single-pole switching
Application Class	ATE resource distribution
Brand Lineage	AD Data Systems Cytec
Queue Title	Cytec / AD Data Systems 230122-112 Single Pole, Registered Based VXI Switch Module
Bus	VXI
Size	C-size
Documentation Type	OEM CY-series VXI listing plus 230122-112 identity
Use Case	mercury single-pole VXI switching

PARAMETER	VALUE
Vendor Path	Cytec / AD Data Systems
Message Mode	CY series also documents message-based operation on family modules
Status Class	relay-drive status monitoring on CY family text
Connector Class	VXI P1/P2 plus front-panel I/O on the 230122-112 drawing

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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Notes

From Cytec/AD Data Systems 230122-112 listings (single-pole, mercury, register-based VXI, ARINC 608A family). Relay count, current, and VXI logical addresses are on the 230122-112 drawing. Do not copy VX/256 19-inch mainframe VA ratings onto this VXI card.

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.