

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

ENEDO / EFORE / ROAL

Enedo / Efore / Roal 231A High Power Density Multi Output SMPS

Enedo Efore Roal 231A High Power Density Multi Output SMPS The Enedo/Efore/Roal 231A is a high power-density multi-output switched-mode power supply. OEM 231A listings describe a compact multi-rail SMPS used in PXI/cPCI and embedded chassis. Use the 231A label for wattage and rail voltages. High-density multi-output DC power in embedded and PXI/cPCI chassis. Instrument Type: High power density multi-output SMPS The Enedo/Efore/Roal 231A is a high power-density multi-output switched-mode power supply. OEM 231A listings describe a compact multi-rail SMPS used in PXI/cPCI and embedded chassis. Use the 231A label for wattage and rail voltages. High-density multi-output DC power in embedded and PXI/cPCI chassis. Instrument Type: High power density multi-output SMPS Literature: Enedo/Efore/Roal 231A listings



MODEL

**Enedo / Efore /
Roal 231A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

231A

LISTING

[https://aumictechlabs.c
om/products/231a-2/](https://aumictechlabs.com/products/231a-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Enedo/Efore/Roal 231A is a high-power density, multi-output Switched-Mode Power Supply engineered for demanding industrial and commercial applications. This SMPS integrates directly into PXI and PXI Express chassis architectures, delivering up to 700 W of available power across multiple voltage rails. Its compact design enables integration into systems requiring efficient

power conversion with minimal footprint, while supporting external remote power-inhibit control for system-level power management. Technical Specifications Power Output: Up to 700 W available power Form Factor: PXI and PXI Express compatible; also supports CompactPCI and CompactPCI Express integration Multi-Output Configuration: Supplies multiple voltage levels to diverse system components Operating Temperature: 0 to 55 °C Cooling: Convection cooling with variable speed fan controller Acoustic Emissions: Low-noise operation; fan controller optimizes thermal and acoustic performance Key Features High power density maximizes output capacity in compact chassis footprint Multi-output topology supports mixed-voltage system architectures Remote power-inhibit control enables external on/off switching Variable speed fan management balances thermal control and acoustic signature Integrated design for direct chassis deployment without external enclosures Typical Applications Multi-module PXI/PXIe test and measurement systems Industrial instrumentation requiring distributed DC power rails Commercial equipment demanding high current capacity in confined spaces Systems with stringent thermal management requirements Compatibility & Integration The 231A integrates into PXI, PXI Express, CompactPCI, and CompactPCI Express chassis. Compatible systems include the National Instruments PXIe-1065, which provides multiple peripheral and Express slot configurations. The associated chassis delivers over 3 GB/s total system bandwidth and up to 1 GB/s per-slot dedicated bandwidth for PXIe modules, with internal reference clocks at 10 MHz (PXI) and 100 MHz (PXIe Express) maintaining 25 ppm stability.

Features & description

From manufacturer datasheet

High power density multi-output SMPS

Enedo Efore Roal 231A Multi-rail embedded supply PXI/cPCI chassis class application Compact SMPS module Technical Specifications Model: 231A Instrument Type: High power density multi-output SMPS Manufacturer: Enedo Efore Roal Literature: Enedo/Efore/Roal 231A listings Family: Roal/Enedo 231A SMPS Brand Lineage: Roal Efore Enedo Form Factor: compact multi-output SMPS System Role: multi-rail DC power Application Class: PXI/cPCI/embedded chassis Documentation Type: OEM 231A listing Vendor Path: Enedo Efore Roal Year Class: 231A Input Class: per 231A nameplate Output Class: multi-output per 231A Power Class: per 231A nameplate Density Class: high power density Cooling Class: per 231A Connector Class: per 231A header Protection Class: per 231A Efficiency Class: per 231A Safety Class: per 231A marks Control Class: inhibit/PG as fitted Operating Temperature Class: per 231A datasheet Module Class: 231A Topology Class: SMPS Notes Identity from Enedo/Efore/Roal 231A high power-density multi-output SMPS listings. Wattage and rail currents are on the 231A nameplate/datasheet.

231A Characteristics / Specifications

PARAMETER	VALUE
Model	231A
Instrument Type	High power density multi-output SMPS
Manufacturer	Enedo Efore Roal
Literature	Enedo/Efore/Roal 231A listings
Family	Roal/Enedo 231A SMPS
Brand Lineage	Roal Efore Enedo
Form Factor	compact multi-output SMPS
System Role	multi-rail DC power
Application Class	PXI/cPCI/embedded chassis
Documentation Type	OEM 231A listing
Vendor Path	Enedo Efore Roal
Year Class	231A
Input Class	per 231A nameplate
Output Class	multi-output per 231A
Power Class	per 231A nameplate
Density Class	high power density
Cooling Class	per 231A
Connector Class	per 231A header
Protection Class	per 231A
Efficiency Class	per 231A
Safety Class	per 231A marks
Control Class	inhibit/PG as fitted
Operating Temperature Class	per 231A datasheet
Module Class	231A
Topology Class	SMPS

PARAMETER	VALUE
Operating temperature	Class: per 231A datasheet

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: per 231A datasheet
Operating Temperature	Class: per 231A datasheet
Operating Temperature Class	per 231A datasheet
Module Class	231A
Topology Class	SMPS Notes Identity from Enedo/Efore/Roal 231A high power-density multi-output SMPS listings. Wattage and rail currents are on the 231A nameplate/datasheet.

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	
Specifications	
PARAMETER	VALUE
Model	231A
Instrument Type	High power density multi-output SMPS
Manufacturer	Enedo Efore Roal
Literature	Enedo/Efore/Roal 231A listings
Family	Roal/Enedo 231A SMPS
Brand Lineage	Roal Efore Enedo
Form Factor	compact multi-output SMPS
System Role	multi-rail DC power
Application Class	PXI/cPCI/embedded chassis
Documentation Type	OEM 231A listing
Vendor Path	Enedo Efore Roal
Year Class	231A
Input Class	per 231A nameplate
Output Class	multi-output per 231A
Power Class	per 231A nameplate
Density Class	high power density
Cooling Class	per 231A
Connector Class	per 231A header
Protection Class	per 231A
Efficiency Class	per 231A
Safety Class	per 231A marks
Control Class	inhibit/PG as fitted
Operating Temperature Class	per 231A datasheet
Module Class	231A
Topology Class	SMPS

Notes

Identity from Enedo/Efore/Roal 231A high power-density multi-output SMPS listings. Wattage and rail currents are on the 231A nameplate/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

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 15, 2026

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