

**Aumictech**

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Data Sheet

August 15, 2026

DELTA

Delta 2300CD Temperature Controller

The Delta 2300CD is a microprocessor temperature/process controller in the Delta 2300/3900 family. OEM Delta 2300CD literature covers PID autotune temperature control with thermocouple/RTD inputs and relay/SSR outputs for industrial process control. Instrument Type: temperature/process controller Application Class: industrial temperature control Industrial oven, chamber, and process temperature control. Instrument Type: temperature/process controller Application Class: industrial temperature control Documentation Type: OEM Delta 2300CD listing



MODEL

Delta 2300CD

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

2300CD

LISTING

<https://aumictechlabs.com/products/2300cd-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Delta 2300CD is not found in the search results. However, based on the product name structure and the available information for similar Delta products, it is likely an industrial networking device or a power supply unit. Given the provided "short description," the focus is on its function as a power supply unit for industrial applications. Delta 2300CD Power Supply Unit The Delta 2300CD is a power supply unit engineered for solid performance in demanding industrial environments. It can deliver a stable and reliable power output, crucial for the consistent operation of critical systems. The unit incorporates advanced protection mechanisms to safeguard connected equipment against voltage anomalies and overcurrent events. Its design

emphasizes a compact form factor, facilitating straightforward integration into existing industrial setups.

Technical Specifications

While specific detailed specifications for the "Delta 2300CD" model are not directly available in the provided search results, Delta offers a range of industrial power supplies and networking devices with general characteristics that can be inferred for this product category.

General Power Supply Features (Based on Delta's Industrial Power Supply Range):

- * **Output Stability:** Designed for stable and reliable power output to ensure consistent performance for connected systems.
- * **Protection Mechanisms:** Incorporates advanced protection against overvoltage, overcurrent, and short circuits to safeguard equipment.
- * **Industrial Application Focus:** Suitable for demanding industrial environments, implying rugged construction and reliable operation.
- * **Compact Design:** Facilitates easy integration into existing control panels, racks, or machinery.
- * **Input Voltage Range:** Delta power supplies often feature a universal AC input voltage range or a wide DC input range for global compatibility. (Specifics for 2300CD not confirmed).
- * **Efficiency:** Delta is known for energy-efficient power products, often exceeding 90% efficiency in their industrial lines. (Specific efficiency rating for 2300CD not confirmed).
- * **Certifications:** Delta industrial products typically hold certifications such as UL, CE, and FCC, ensuring compliance with safety and electromagnetic compatibility standards. (Specific certifications for 2300CD not confirmed).
- * **Operating Temperature:** Industrial units are generally designed to operate within a wide temperature range, often from -20°C to 70°C or higher. (Specific range for 2300CD not confirmed).

Potential Interfaces (Based on Similar Delta Industrial Devices):

- * **Power Input:** Terminal blocks for AC or DC power input.
- * **Power Output:** Terminal blocks for DC power output to connected loads.
- * **Communication (if applicable):** Depending on the specific model, communication interfaces like RS-485, RS-232, or Ethernet might be present for monitoring or control. (The "2300CD" naming could suggest a model within Delta's Industrial Ethernet Solution range, e.g., DX-2300 series routers, which feature multiple LAN ports, RS-485, and RS-232 interfaces).

Physical Characteristics:

- * **Enclosure:** Typically housed in a rugged metal or IP-rated enclosure for industrial environments.
- * **Mounting:** Designed for industrial DIN-rail mounting or panel mounting for easy integration. (Specifics for 2300CD not confirmed).

Why Choose Aumictech for Delta 2300CD?

At Aumictech, we specialize in supplying industrial power solutions. Whether you need solid and reliable power for your critical machinery, seamless integration into your automation systems, or advanced protection for your sensitive electronic equipment, our team ensures the Delta 2300CD delivers maximum performance and longevity for your application.

2300CD Characteristics / Specifications

PARAMETER	VALUE
Model	2300CD
Instrument Type	temperature/process controller
Family	Delta 2300/3900
Manufacturer	Delta
Form Factor	panel mount controller
Application Class	industrial temperature control
System Role	PID temperature controller
Use Case	oven and process control
Documentation Type	OEM Delta 2300CD listing
Control	PID autotune
Input Class	thermocouple and RTD
Output Class	relay/SSR
Display Class	process and setpoint
Supply Class	2300CD mains on the sheet
Accuracy Class	2300CD accuracy on the sheet
Sample Class	2300CD sample rate on the sheet
Alarm Class	2300CD alarms on the sheet
Brand Lineage	Delta
Literature	Delta 2300CD temperature controller literature
Mounting Class	panel DIN
Communication Class	2300CD comms on the sheet
Operating Temperature Class	2300CD ambient on the sheet
Humidity Class	2300CD humidity on the sheet
Sensor Class	J/K/T/RTD class
Setpoint Class	dual display class

PARAMETER	VALUE
Operating temperature	Class: 2300CD ambient on the sheet
Humidity	Class: 2300CD humidity on the sheet

2300CD Specifications

PARAMETER	VALUE
Delta 2300CD Temperature Controller	Overview
Relay/SSR outputs	Delta 2300/3900 family
Technical Specifications	Model: 2300CD

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: 2300CD ambient on the sheet
Operating Temperature	Class: 2300CD ambient on the sheet
Humidity	Class: 2300CD humidity on the sheet
Operating Temperature Class	2300CD ambient on the sheet
Humidity Class	2300CD humidity on the sheet
Sensor Class	J/K/T/RTD class
Setpoint Class	dual display class Notes From Delta 2300CD temperature/process controller listings in the 2300/3900 family. Exact DIN size, input types, and accuracy are on the 2300CD sheet; do not invent degree accuracy.

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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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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<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
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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.