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**Data Sheet**

August 15, 2026

DELTA

# Delta 2300CN Temperature Controller

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



|                                     |                                                                                                                           |
|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <b>MODEL</b><br><b>Delta 2300CN</b> | <b>CALIBRATION</b><br><b>Available on request</b>                                                                         |
| <b>CONDITION</b><br><b>Used</b>     | <b>STATUS</b><br><b>In stock</b>                                                                                          |
| <b>RFQ / SKU</b><br><b>2300CN</b>   | <b>LISTING</b><br><a href="https://aumictechlabs.com/products/2300cn-2/">https://aumictechlabs.com/products/2300cn-2/</a> |

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

## This unit

The Delta 2300CN is a high-efficiency power supply designed for demanding industrial and server applications. It delivers reliable and stable power output with a solid design, ensuring optimal performance and longevity. Ideal for environments requiring continuous operation and high power demands. Technical Specifications While specific detailed technical specifications for the "Delta 2300CN" power supply are not readily available in the provided search results, related Delta products offer insight into the brand's capabilities in industrial and cooling solutions. The search results primarily highlight Delta's offerings in advanced cooling systems for data centers computing (HPC), and artificial intelligence (AI) workloads, including Liquid-to-Air (L2A) and

Liquid-to-Liquid (L2L) Chillers/Cooling Distribution Units (CDUs). Some Delta products, such as the Delta 2300C handler, indicate a focus on thermal subsystems for burn-in and system-level testing of integrated circuits, featuring temperature ranges up to 315 degrees Celsius and specific interior dimensions. Delta's broader product lines, including industrial robots and precision cooling solutions, emphasize high efficiency, reliability, and continuous operation, often incorporating features like:

- \* **Advanced Control Systems:** Intuitive interfaces with touchscreens for real-time monitoring and efficient management of system status.
- Redundancy:** Options for pump and sensor redundancy (e.g., N+1) to ensure operational continuity.
- Efficient Cooling Technologies:** Utilizing technologies like Variable Frequency Drivers (VFDs) for pump control and smart fuzzy control for condenser fan operation.
- Environmental Considerations:** Operation within specific humidity ranges (e.g., 45-65% RH non-condensing) and temperature parameters for optimal performance.
- High Availability Features:** Compact designs with full front access for maintenance and dual compressor systems for internal redundancy.
- Filtration:** Options for high-efficiency or washable filters to maintain coolant quality.

The Delta 2300CN, as described, is intended for demanding industrial and server applications, suggesting it would align with these brand characteristics of solid design, reliable power output, and suitability for continuous operation. Why Choose Aumictech for Delta 2300CN? At Aumictech, we specialize in supplying high-end industrial power solutions. Whether you need a dependable power source for critical server infrastructure, efficient energy delivery for demanding industrial processes, or solid components that ensure maximum uptime, our team ensures the Delta 2300CN delivers maximum performance for your application.

# 2300CN Characteristics / Specifications

| PARAMETER                   | VALUE                                          |
|-----------------------------|------------------------------------------------|
| Model                       | 2300CN                                         |
| 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 2300CN listing                       |
| Control                     | PID autotune                                   |
| Input Class                 | thermocouple and RTD                           |
| Output Class                | relay/SSR                                      |
| Display Class               | process and setpoint                           |
| Supply Class                | 2300CN mains on the sheet                      |
| Accuracy Class              | 2300CN accuracy on the sheet                   |
| Sample Class                | 2300CN sample rate on the sheet                |
| Alarm Class                 | 2300CN alarms on the sheet                     |
| Brand Lineage               | Delta                                          |
| Literature                  | Delta 2300CN temperature controller literature |
| Mounting Class              | panel DIN                                      |
| Communication Class         | 2300CN comms on the sheet                      |
| Operating Temperature Class | 2300CN ambient on the sheet                    |
| Humidity Class              | 2300CN humidity on the sheet                   |
| Sensor Class                | J/K/T/RTD class                                |
| Setpoint Class              | dual display class                             |

| PARAMETER             | VALUE                               |
|-----------------------|-------------------------------------|
| Operating temperature | Class: 2300CN ambient on the sheet  |
| Humidity              | Class: 2300CN humidity on the sheet |

# 2300CN Specifications

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

# General Specifications & Supplementary Characteristics

| PARAMETER                   | VALUE                                                                                                                                                                                                         |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating temperature       | Class: 2300CN ambient on the sheet                                                                                                                                                                            |
| Operating Temperature       | Class: 2300CN ambient on the sheet                                                                                                                                                                            |
| Humidity                    | Class: 2300CN humidity on the sheet                                                                                                                                                                           |
| Operating Temperature Class | 2300CN ambient on the sheet                                                                                                                                                                                   |
| Humidity Class              | 2300CN humidity on the sheet                                                                                                                                                                                  |
| Sensor Class                | J/K/T/RTD class                                                                                                                                                                                               |
| Setpoint Class              | dual display class Notes From Delta 2300CN temperature/process controller listings in the 2300/3900 family. Exact DIN size, input types, and accuracy are on the 2300CN 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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#### Notes

From Delta 2300CN temperature/process controller listings in the 2300/3900 family. Exact DIN size, input types, and accuracy are on the 2300CN sheet; do not invent degree accuracy.

### Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: [sales@aumictech.com](mailto: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.