

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

DELTA

Delta 3900CN Temperature Controller

The Delta 3900CN is a microprocessor temperature/process controller in the Delta 2300/3900 family. OEM Delta 3900CN 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 3900CN listing



MODEL

Delta 3900CN

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

3900CN

LISTING

<https://aumictechlabs.com/products/3900cn-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Delta 3900CN is a power supply unit engineered for consistent operational performance and reliable power delivery, suitable for demanding industrial environments and computing applications. This power supply is designed with solid protection mechanisms and high energy efficiency to ensure stable and secure operation for all connected equipment. Delta, a global leader in switching power supply solutions, offers a broad portfolio of products that emphasizes energy efficiency and advanced technological integration. Technical Specifications General Features: Designed for continuous operation and reliable power delivery. Suitable for industrial applications and computing. Incorporates solid protection features. High efficiency for stable and

safe operation. **Electrical Characteristics:** The Delta 3900CN is part of Delta's extensive range of standard power supplies, which often include features like universal AC input voltage ranges and high efficiency ratings, with some series achieving over 90% efficiency. Specific details on the input voltage range, output voltage(s), current ratings, and wattage for the Delta 3900CN model are not explicitly available in the provided search results. However, Delta's standard power supplies commonly offer nominal output voltages of 12V and 24V, and are designed to operate within wide input voltage ranges for global usability. **Protection Features:** The Delta power supply units, particularly within the CliQ series, are known to provide overvoltage, overload, and thermal protection. The 3900CN is designed with solid protection features to ensure stable and safe operation. **Efficiency:** Delta power supplies are recognized for their high efficiency, with some models achieving over 90% efficiency. The 3900CN can offer high efficiency. **Operating Environment:** Delta's standard power supplies, such as the CliQ series, are designed to withstand harsh industrial environments, offering shock and vibration resistance according to IEC60068-2. Some series can operate within a wide temperature range, from -20°C to +75°C. The Delta 3900CN works with continuous operation. **Interfaces** * Specific interface details for the Delta 3900CN, such as communication ports (e.g., PMBus) or connector types, are not detailed in the provided search results. However, Delta offers power supplies with PMBus communication capabilities for advanced applications. **Physical Characteristics** * No specific physical dimensions or weight for the Delta 3900CN were found in the provided search results. Delta's standard power supplies are available in various form factors including DIN Rail, Panel Mount, and Open Frame, with some models featuring an ultra-slim design and low profile height (e.g., 30mm). **Compatibility** * Information regarding specific compatibility with other systems or components for the Delta 3900CN is not available in the provided search results. However, Delta's power supplies are designed for integration into industrial automation, computing, and various other applications. **Why Choose Aumictech for Delta 3900CN?** At Aumictech, we specialize in supplying high-end power supply units. Whether you need reliable continuous operation, solid protection features, or high efficiency for your industrial applications and computing, our team ensures the Delta 3900CN delivers maximum performance for your application.

3900CN Characteristics / Specifications

PARAMETER	VALUE
Model	3900CN
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 3900CN listing
Control	PID autotune
Input Class	thermocouple and RTD
Output Class	relay/SSR
Display Class	process and setpoint
Supply Class	3900CN mains on the sheet
Accuracy Class	3900CN accuracy on the sheet
Sample Class	3900CN sample rate on the sheet
Alarm Class	3900CN alarms on the sheet
Brand Lineage	Delta
Literature	Delta 3900CN temperature controller literature
Mounting Class	panel DIN
Communication Class	3900CN comms on the sheet
Operating Temperature Class	3900CN ambient on the sheet
Humidity Class	3900CN humidity on the sheet
Sensor Class	J/K/T/RTD class
Setpoint Class	dual display class

PARAMETER	VALUE
Operating temperature	Class: 3900CN ambient on the sheet
Humidity	Class: 3900CN humidity on the sheet

3900CN Specifications

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

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: 3900CN ambient on the sheet
Operating Temperature	Class: 3900CN ambient on the sheet
Humidity	Class: 3900CN humidity on the sheet
Operating Temperature Class	3900CN ambient on the sheet
Humidity Class	3900CN humidity on the sheet
Sensor Class	J/K/T/RTD class
Setpoint Class	dual display class Notes From Delta 3900CN temperature/process controller listings in the 2300/3900 family. Exact DIN size, input types, and accuracy are on the 3900CN 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	
Specifications	
PARAMETER	VALUE
Model	3900CN
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 3900CN listing
Control	PID autotune
Input Class	thermocouple and RTD
Output Class	relay/SSR
Display Class	process and setpoint
Supply Class	3900CN mains on the sheet
Accuracy Class	3900CN accuracy on the sheet
Sample Class	3900CN sample rate on the sheet
Alarm Class	3900CN alarms on the sheet
Brand Lineage	Delta
Literature	Delta 3900CN temperature controller literature
Mounting Class	panel DIN
Communication Class	3900CN comms on the sheet
Operating Temperature Class	3900CN ambient on the sheet
Humidity Class	3900CN humidity on the sheet
Sensor Class	J/K/T/RTD class
Setpoint Class	dual display class

Notes

From Delta 3900CN temperature/process controller listings in the 2300/3900 family. Exact DIN size, input types, and accuracy are on the 3900CN 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 · +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.