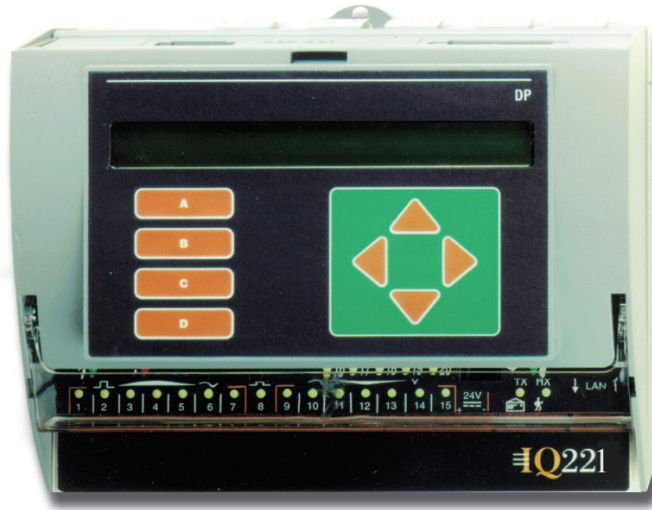


IQ221 Controller



Features and Highlights

- Fully programmable DDC controller
- 1 second cycle time
- 1000 point data logs
- Integral or external 2-line display options
- 3-point mounting to facilitate installation
- 2-part connectors for ease of wiring
- 6 universal inputs
- 2 analog voltage outputs and 5 relay outputs



The IQ221 is a medium sized controller with six universal inputs, two analog voltage outputs, and five relay outputs. It accommodates a broad range of applications, including air handling units, terminal units, and chillers.

When used in a building automation system, the IQ221 connects to other devices through the Novar IQ Network, which allows you to share information across the entire system. Use one of the Novar IQ Supervisor programs to access information in the IQ221.

NOVAR CONTROLS

6670 185th Avenue NE Redmond, WA 98052

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Web site: ntc.novarcontrols.com

Technical Data

- **Power** 24 VAC 50 to 60 Hz. 13 VA maximum consumption.
- **Auxiliary Power** 24 VDC for relay modules. At least 100mA is available independent of input/output usage or of a connected 2-line display panel or NDP.
- **Battery Backup** Non-rechargeable lithium plug cell (Saft LM2450, 3 V or equivalent) maintains time and logged data for 5 years minimum with power off.
- **Inputs** 6 universal inputs.
- **Outputs** 2 analog voltage outputs and 5 relay outputs.
- **Baud rate** Switch selectable rate of 1200, 9600, or 19200. Must match other nodes on the LAN.
- **Processor & Memory** 128 Kb battery-backed SRAM and 256 Kb flash memory.
- **Controller Dimensions** 9.05" (230mm) x 7.125" (181mm) x 2.78" (71mm).
- **Environmental** 32–113°F (0–45°C). 0–90% RH, non-condensing.
- **Ratings** Listed Underwriters Laboratory for Enclosed Energy Management Equipment under the UL Standard for Safety 916. U.S. certification.

Ordering Information

Item number	Description
882000120	IQ221 Controller
882000130	IQ221 Controller + 2-line display

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