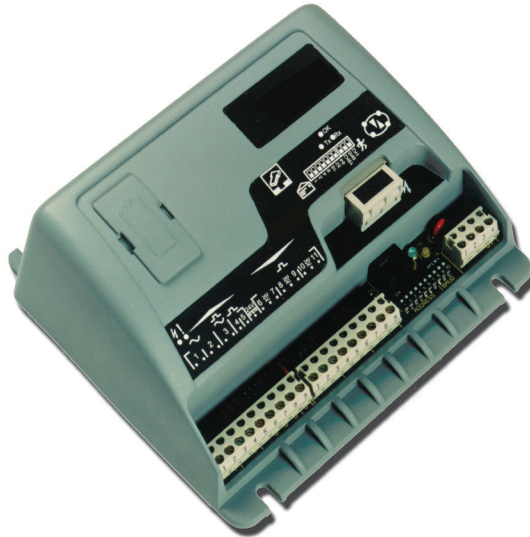


IQ212 Controller



Features and Highlights

- Fully programmable DDC controller with PID loops
- 1 second program cycle time
- 1000 point data logs
- Stand-alone or integrated system operation
- 5 time schedules and optimum start
- 2-part connectors for ease of wiring
- 2 thermistor, 1 universal analog, and 2 digital inputs
- Four 24 VAC triac and two 0-10V analog outputs



The IQ212 controller is a unitary terminal unit controller with five inputs, four triac outputs, and two 0-10V analog outputs for use in a building automation system (BAS). Fully compatible with other Novar IQ controllers, the IQ212 communicates with other devices through the IQ Network.

Use one of the Novar IQ Supervisor programs to access information in the IQ212 and use the System Engineering Tool (SET) software to program it. You can configure the IQ212 across the network or connect directly to it.

NOVAR CONTROLS

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Technical Data

- **Power** 24 VAC +/-10% 50 to 60 Hz. 13 VA maximum consumption.
- **Auxiliary Power** 24 VDC +/-15% at 50mA independent of configuration.
- **Battery Backup** Non-rechargeable lithium plug cell (Saft LS3, 3.6 V, 1/2AA, 950 mAh or equivalent) maintains time and logged data with power off for 5 years minimum.
- **Inputs** 2 thermistor, 1 universal analog, and 2 digital inputs with 12-bit resolution.
- **Outputs** 4 triac and two 0-10V analog 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** 6.22" (158mm) x 5.59" (142mm) x 2.8" (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
882000240	IQ212 Controller

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