

IQL16 Controller



Features and Highlights

- Low cost unitary controller
- Fully compatible with IQ controllers
- LonMark compliant
- No binding for Novar-only system
- Non-volatile memory, no battery required
- 24 VAC power supply and 24 VAC auxiliary output power supply
- Three variable resistance inputs and two digital inputs
- Three relay outputs, two triac outputs, and two 0-10V analog outputs



The IQL16 is a low-cost unitary controller that is fully compatible with Novar IQ controllers and LonMark compliant. Its input/output capabilities support a variety of applications.

The IQL16 has three relay outputs, typically used to control dampers and fans, and two triac outputs. Its two 0-10 V analog outputs are typically used to control valves or dampers.

The IQL16 controller also has three variable resistance inputs and two digital inputs. The first variable resistance input is typically a thermistor temperature sensor. The two digital inputs are typically used to monitor manual buttons or alarm contacts.

The IQL16 can communicate with other IQL controllers and LonMark devices on the LON network to communicate with Novar network devices. The IQL16 uses a LINC unit, which acts as an interface between the Novar LAN and the LonWorks bus. With the LINC interface, IQL controllers can communicate with Novar supervisor software through terse text communications and with IQ controllers through inter-controller communications.

NOVAR CONTROLS

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Technical Data

- **Power** 24 VAC +/-15% 50 to 60 Hz and 24 VAC auxiliary output power supply.
- **Battery** No battery required, data stored in flash memory.
- **Inputs** 3 variable resistance inputs and 2 digital inputs.
- **Outputs** 3 relay outputs, 2 traic outputs, and 2 0 -10 V analog outputs.
- **Processor & Memory** 64K flash memory and 8K RAM.
- **Controller Dimensions** 8.27" (210mm) x 5" (127mm) x 2.52" (64mm).
- **Environmental** 32 - 113°F (0 - 45°C). 0 - 95% 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
882000330	IQL16 Unitary Controller with AHU program

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