Novar Controls’ new MINio is a cost-efficient input/output control module. MINio’s universal capabilities make it the most flexible LOGIC ONE® module to date. Easily configured, MINio meets a variety of building management needs, including monitoring and metering.

MINio is a key component of the LOGIC ONE® Automated Building Control System. Through communications with an executive module, MINio controls a wide range of on/off or modulating loads. The MINio’s features include:

- Line voltage (120-VAC) Form C output relays (Normally Open and Normally Closed).
- User-selectable input types: Thermistor, 4–20 milliamp, 1–5 volts, and digital.
- Analog and digital outputs that can be programmed via very flexible, user-friendly menus or driven directly by Novar Custom Language routines.

The possibilities are endless.
MINio’s inputs and outputs can be easily configured to provide the control, monitoring, and metering needs for a variety of building management applications.

MINio’s sophisticated level of control meets all North American product safety requirements and carries the UL mark of safety.

### Specifications

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**MINio’s sophisticated level of control meets all North American product safety requirements and carries the UL mark of safety.**

### Physical Characteristics

- **Height:** 6.25 inches
- **Width:** 8.375 inches
- **Depth:** 1.75 inches
- **Weight:** 2 lb

### Operating Environment

- **Temperature:** Up to 140°F (60°C)
- **Humidity:** 0 to 95% RH, noncondensing

### Power Requirements

- **Voltage & Consumption:** 24VAC, 10VA Class 2.
  One side can be grounded.

### Special Circuits/Diagnostics

- **Over current:** Protects against overloading of power supply.
- **Low Voltage Detect:** Senses proper operating voltage.
- **Surge Suppression:** All inputs and outputs protected against high voltage surge or transients.

### Network Communications

- **Method:** RS-485
- **Cable (network):** 2-conductor shielded cable Novar Controls WR-1010 (Belden 8761 equivalent).

### Input Points

- Two digital inputs for dry contact digital inputs or meters (5-Hz max.) or timed override.

### Output Points

- Six digital, Form C (Normally Open and Normally Closed) relay outputs. Contacts rated for 120-VAC, 3-amps resistive load. All relay outputs are isolated from each other.

### Status LEDs

- Six for digital output status
- One for module communications (Power and Communications)

### Regulatory Compliance

- **UL/CUL Listed Device:** UL File E90949
- **FCC, Part 15, Class A**
- **Industry Canada ICES-003, Class A**

Specifications subject to change without prior notification.

Call Novar Controls to discover the most efficient way to manage your facility.

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