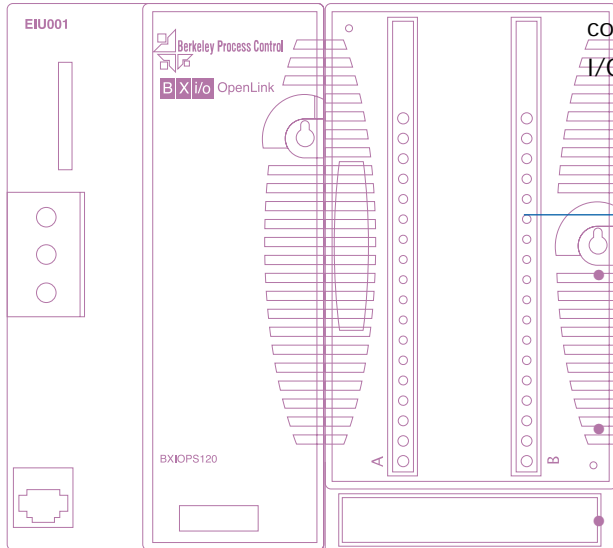




BXi/o

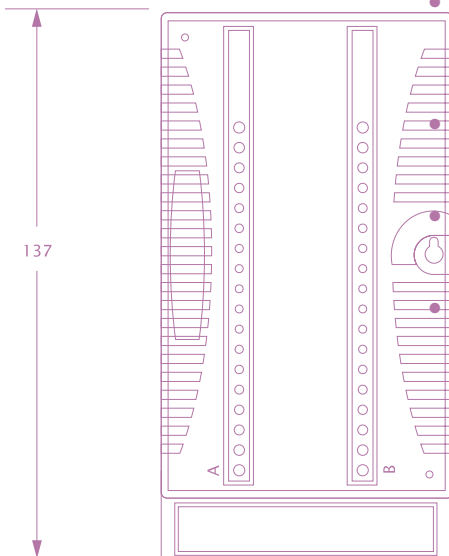


The BXi/o provides a powerful and cost effective method to expand the analog and discrete I/O capabilities of the BXi motion and machine controller. The BXi/o system communicates with the BXi via a 100MBit Ethernet network providing a robust, high-speed, open control architecture. Intelligent I/O modules are available in a full range of discrete, and analog 'building blocks' which allow effortless customization of each unique control system. The entire BXi/o system is designed to minimize I/O hardware, installation and maintenance costs.



FEATURES

- Extremely expandable and flexible - Each BXi supports 10 network nodes and each node can support one to eight I/O modules, potentially adding thousands of I/O points to your system.
- Direct wiring cables and Remote Terminal Interface modules reduce the wiring and installation costs.
- High density Input and Output modules for the lowest cost per point.
- Unique auto-configuration, diagnostics and I/O point naming through MachineWorks® minimizes configuration and implementation time.
- Modular construction and small footprint eliminates wasted cabinet space.
- Rugged, industrial design for low maintenance and long life.
- Plug and Play compatible with the BXi controller.



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Input Modules

Discrete

- 5/12VDC 16/32 point
 - 24VDC 16/32 point
 - 120VAC 8/16 point
 - 240VAC 4/8 point
- Options: Isolation, Negative logic

Analog (up to 16 bit)

- DC Volt/Curr 4 /8/15 Channel
- Options: Isolation, Differential measurement
- RTD 4 Channel
- Thermocouple 7 Channel

Communications Module

- EIU OpenLink™ 100MB Ethernet

Output Modules

Discrete

- 5/12/24VDC 16/32 point
 - 24VDC, 2A 8 point
 - 24VDC, 0.5A 16/32 point
 - 120VAC, 0.5A 8/16 point
- Options: Isolation

Relay

- Form A, 2A 16 point

Analog (up to 16 bit)

- Current 4 Channel
- 0-10VDC 4 Channel
- +/- 10VDC 4 Channel
- Isolated Voltage/Current (High Accuracy) 4 Channel

Termination Options

Direct Wiring Connectors

- Cables and connectors for Point-to-Point wiring of I/O

Integral Terminal Block

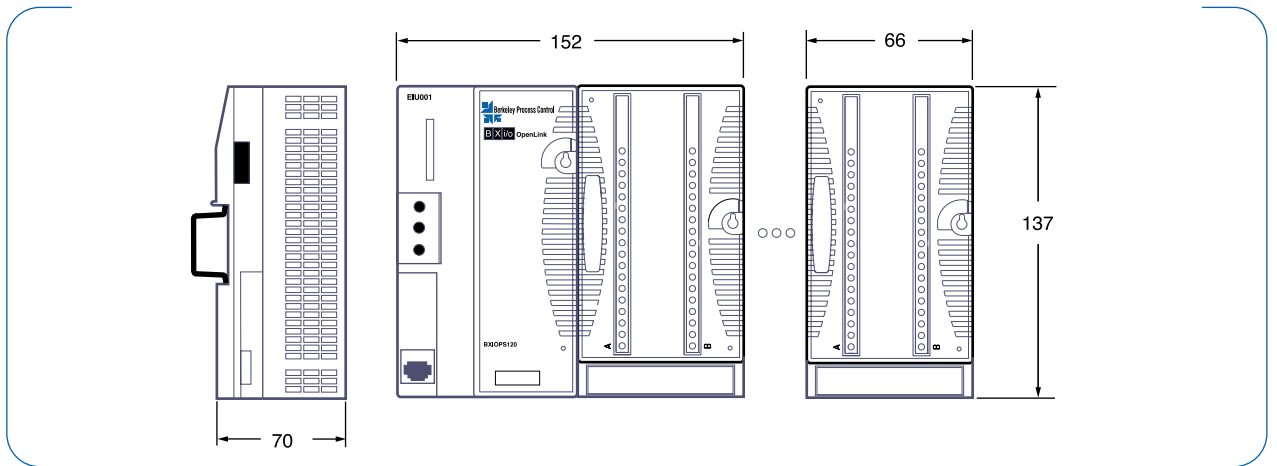
- Screw Terminals
- Spring-Clip Terminals

Remote Terminal Block

- Screw Terminals with Connecting Cables

Approvals

- UL
- CE



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