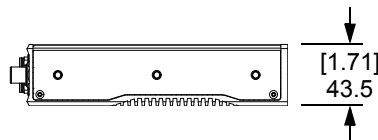
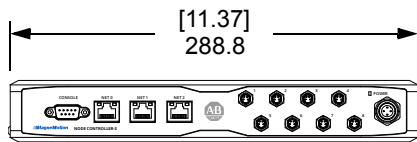
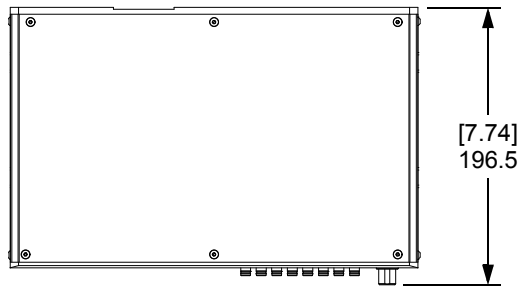


Node Controller NC-S

Catalog Number: MMI-NC-SER08-01



- Manages commands and responses from the Host Controller to any MagneMotion motor.
- Coordinates vehicle movements.
- Tracks errors in the system.
- Programs and configures each motor.
- Supports 8 RS-422 motor communication points (path ends).
- Supports up to 16 nodes.
- UL Recognized, CE Certified, KC Certified.
- Mounting kits available for DIN-rail, rack, or wall mounting.

Physical Specifications

Dimensions*: 288.78 W x 196.5 L x 43.5 H
[11.37 W x 7.74 L x 1.71 H]

Weight: 1.95 kg [4.3 lb]

* All dimensions are millimeters [inches].

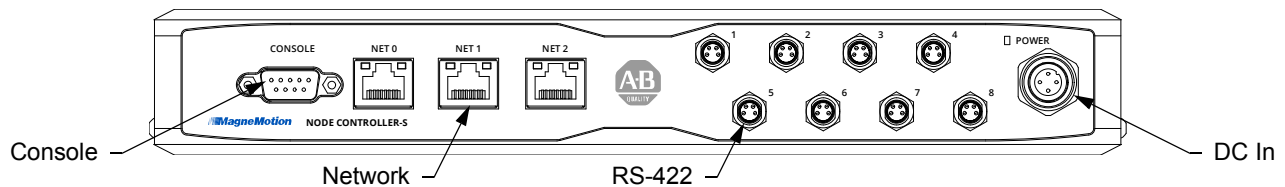
Environmental Specifications

Ambient Temperature: 0° C to 50° C [32° F to 113° F]

Relative Humidity: 85% max (noncondensing)

Power Dissipation: 5 W, 10 W max

Electrical Specifications



Power Rating: 24–48V DC ±10%, 10 W (M12 Eurofast, 4-Pin, Male*).

Network: Standard 10/100/1000Base-T (auto-MDIX, auto-negotiation), Ethernet (RJ45, Female).

RS-422: 8 ports for connection to MagneMotion linear synchronous motors (M8, Nano-Mizer, 4-Pin, Male).

Console: For connection of user-supplied terminal for setting the IP address (DE-9, Male).

* MagneMotion requires grounding the NC-S through the chassis ground connection on the power connector.

Rockwell Automation Support

Use the following resources to access support information.

Technical Support Center	Knowledgebase Articles, How-to Videos, FAQs, Chat, User Forums, and Product Notification Updates.	https://rockwellautomation.custhelp.com/
Local Technical Support Phone Numbers	Locate the phone number for your country.	http://www.rockwellautomation.com/global/support/get-support-now.page
Direct Dial Codes	Find the Direct Dial Code for your product. Use the code to route your call directly to a technical support engineer.	http://www.rockwellautomation.com/global/support/direct-dial.page
Literature Library	Installation Instructions, Manuals, Brochures, and Technical Data.	http://www.rockwellautomation.com/global/literature-library/overview.page
Product Compatibility and Download Center (PCDC)	Get help determining how products interact, check features and capabilities, and find associated firmware.	http://www.rockwellautomation.com/global/support/pcdc.page

Documentation Feedback

Your comments will help us serve your documentation needs better. If you have any suggestions on how to improve this document, complete the How Are We Doing? form at http://literature.rockwellautomation.com/idc/groups/literature/documents/du/ra-du002_-en-e.pdf.

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