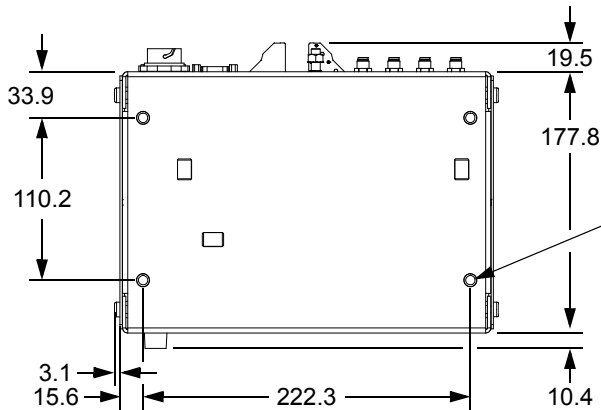
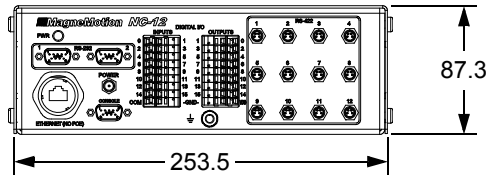


Node Controller NC-12

Catalog Number: 700-1482-00



Mounting Holes
.250 UNC 2B ∇ .310 max
4X



- Manages commands and responses from the user's Host Controller to QuickStick[®] or MagneMover[®] LITE Systems.
- Coordinates vehicle (puck) movements.
- Tracks errors in the system.
- Programs and configures each motor.
- Supports 12 motor communication points.
- IP20 (IEC 60529) ingress protection rating.
- Digital I/O (16 bits in/16 bits out) available for user supplied external devices such as E-stops and Light Stacks.
- Serial I/O available for user supplied external devices.
- CE Certified, UL Recognized.
- 19" rack mounting kit available.

Physical Specifications

Dimensions*: 260.0 W x 207.7 L x 87.3 H

Weight: 3.6 kg [8.0 lb]

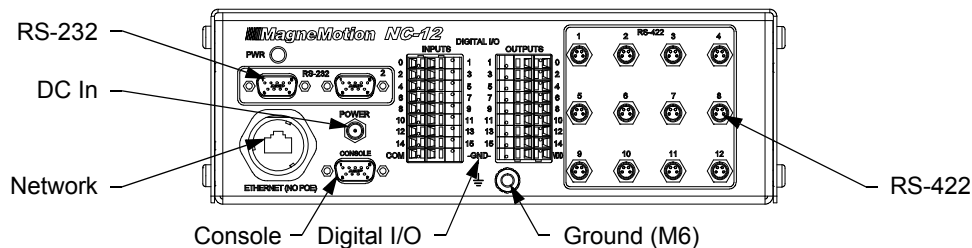
* All dimensions are millimeters.

Environmental Specifications

Ambient Temperature: 0° C to 50° C [32° F to 122° F]

Relative Humidity: 85% max, non-condensing

Electrical Specifications



- Power Rating:** 22 - 30 VDC, 20 W (DC Power Jack, 2.0 mm Coax, Male).
- Network:** Standard 10/100/1000 BaseTx, full duplex, Ethernet (RJ-45, Female, IP67).
- Console:** For connection of user-supplied terminal for setting the IP address (DE-9, Male).
- RS-232:** 2 ports for connection to user-supplied devices (DE-9, Male).
- RS-422:** 12 ports for connection to MagneMotion linear synchronous motors (M8, Nano-Mizer, 4-Pin, Male).
- Digital I/O:** 16 optically isolated digital input bits and 16 optically isolated digital output bits (Spring Cage Clamp).
 Input: 3 - 24 VDC (user supplied)
 Output: 5 - 35 VDC (user supplied)

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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Publication MMI-TD016E-EN-P - December 2016

Supersedes MMI-990000518 Rev. D

DIR 990000518

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