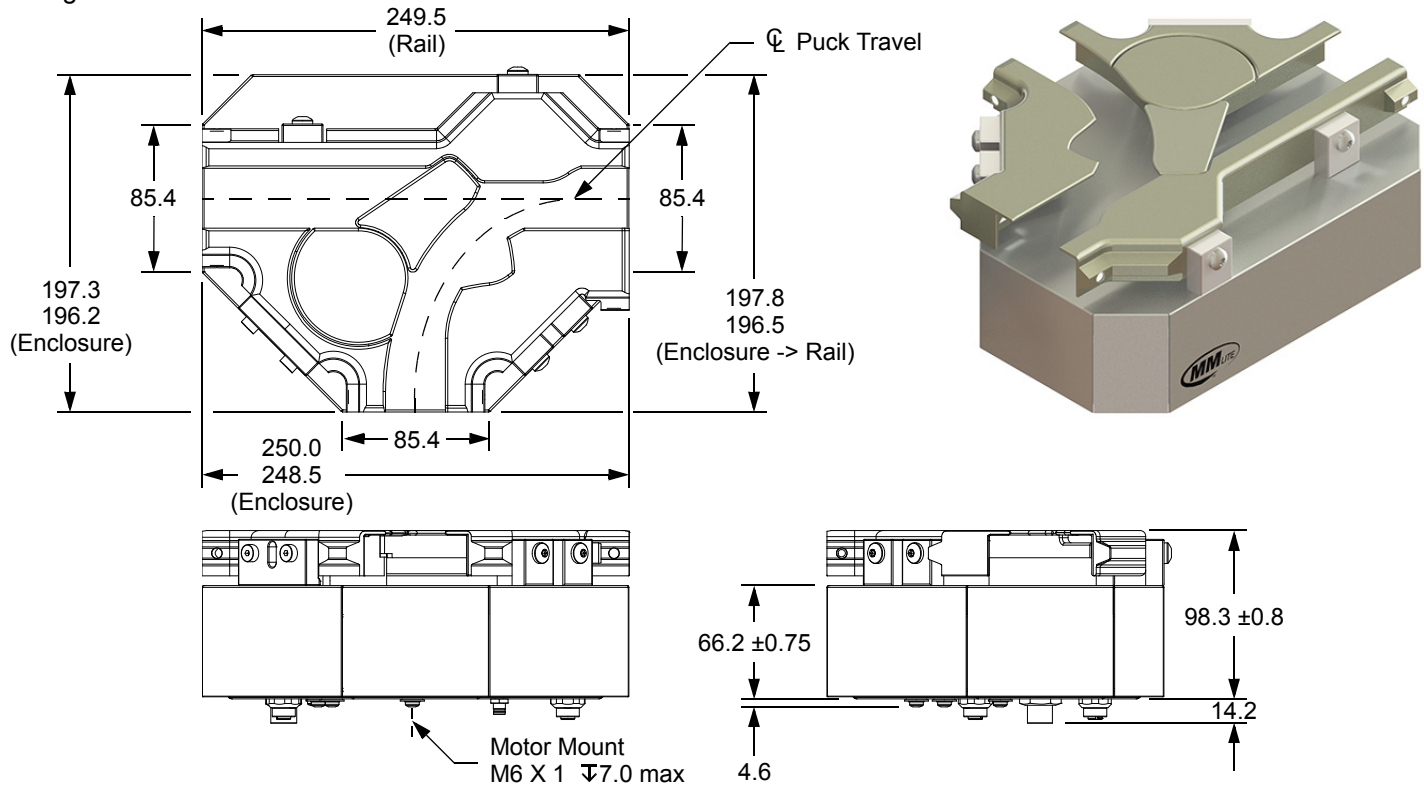


MagneMover™ LITE High Payload Left Switch

Catalog Number: 700-1708-82



- MagneMover® LITE transport systems consist of modules that include motors and switches with integral rails, pucks (vehicles) with integral magnet arrays, controllers, and power supplies.
- MagneMover LITE switches contain integral motor controllers and position sensing.
- Switch is only available with Aluminum rails.
- Pucks that are used on the switches are approximately 62 mm by 62 mm.
- Wash-down capable, designed for IP65 (IEC 60529).
- CE Certified, UL Recognized.

Physical Specifications

Dimensions*: 197.8 W x 250.0 L x 112.5 H

Weight: 4.3 kg [9.5 lb]

* All dimensions are millimeters. Contact MagneMotion for detailed drawings.

Environmental Specifications

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

Relative Humidity: 85% max (relative, noncondensing)

Electrical Specifications

Drive Rating: 36 VDC ±10%, 1.5 A typical, 5.0 A max.

Power: 10 W drawn by the switch alone.
Maximum additional power that is drawn by the switch is 15 W per magnet array when the vehicle is moving at maximum acceleration or velocity.

Performance Specifications†

Recommended Max Acceleration: 2 m/s² [0.2 g]

Recommended Max Velocity: 2.0 m/s [4.5 mph]

Recommended Max Payload: Determined by puck type‡

† Performance varies based on payload, acceleration, velocity, and vehicle density.

‡ Glide: Single puck recommended max payload is 1 kg [2.2 lb], tandem puck recommended max payload is 2 kg [4.4 lb].

Wheeled: Single puck recommended max payload is 2.5 kg [5.5 lb], tandem puck recommended max payload is 10 kg [22.0 lb].

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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