

Schneider Series Service Manual

140MMD10400

1. Description

The Schneider Electric 140MMD10400 is a Motion Control Module from the Modicon Quantum series. It supports multiple applications including machine control, material handling, and packaging, allowing flexibility in various operational scenarios.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Type Motion Control Module
Product	Line Modicon Quantum
Part	Number 140MMD10400
Supported	Applications Multi-Axis Drives, Machine Control, Material Handling, Packaging, Textile Machines
Operating	Temperature 0 to 40 degrees Celsius
Storage	Temperature 0 to 50 degrees Celsius
Maximum	Operating Humidity 80% RH, non-condensing
Maximum	Storage Humidity 80% RH, non-condensing
Maximum	Operating Altitude 1000 m above sea level
Maximum	Storage Altitude 1000 m above sea level
Operating	Environment Clean indoor environment (no corrosive chemicals)

3. Product Information

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Technical specifications for 140MMD10400

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Description

The motion control module identified as 140MMD10400 by Schneider Electric acts as a key component within the Modicon Quantum series. This unit is specifically designed to support various industrial applications including machine control, material handling, packaging, and operations involving textile machines. It offers compatibility with multi-axis drive systems, making it adaptable to several operational setups.

Regarding environmental tolerances, the 140MMD10400 maintains functionality across a temperature range from 0 to 40 degrees Celsius for operational use. When stored, it can withstand temperatures up to 50 degrees Celsius while still performing reliably. Humidity is managed effectively, with a maximum operational and storage humidification level set at 80% relative humidity, ensuring efficiency without condensation.

The module is optimized for use in clean indoor environments where corrosive chemicals are absent. Additionally, it is rated for functionality at elevations reaching up to 1000 meters above sea level in both operating and storage conditions. Its robust design makes it well-suited for diverse motion control scenarios, ensuring the necessary performance standards are met in various industrial tasks.