

Schneider Series Service Manual

140MMD10200

1. Description

The 140MMD10200 motion controller by Schneider Electric within the Modicon Quantum series is designed to handle multi-axis drives effectively. It is suitable for various applications, including material handling, packaging, and textiles, providing a reliable solution for diverse industrial needs.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Type Motion Controller
Product	Line Modicon Quantum
Part	Number 140MMD10200
Multi-Axis	Drives Supported
Material	Handling Applications Supported
Packaging	Applications Supported
Textile	Machine Applications Supported
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 1000m above sea level
Maximum	Storage Altitude 1000m above sea level
Operating	Environment Clean indoor environment (no corrosive chemicals)

3. Product Information

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Technical specifications for 140MMD10200

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Packaging Applications Supported

Textile Machine Applications Supported

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Operating Environment Clean indoor environment (no corrosive chemicals)

Description

The Schneider Electric 140MMD10200 serves as a versatile motion controller designed for dynamic applications across several industries. This component accommodates multi-axis drives, making it ideal for complex movements in automated systems.

Intended for versatile uses, it supports applications related to material handling, packaging, and textile machinery. Its operational capabilities allow it to thrive in a temperature range of 0 to 40 degrees Celsius, ensuring reliability in standard conditions. Additionally, it can be stored efficiently within a temperature scope of 0 to 50 degrees Celsius.

The environment is a crucial factor for performance—this motion controller functions optimally with a maximum relative humidity of 80%, without the risk of condensation. Whether in operation or storage, the device can withstand altitudes reaching 1000 meters above sea level. However, it is best suited for clean indoor conditions where corrosive chemicals are absent, confirming its design specificity aimed at maintaining operational integrity.