

Schneider 140MMS53502 Manual

Brand	Schneider
Product Series	Schneider
Product Type	Motion control module

Description

The 140MMS53502 from Schneider Electric is a motion control module within the Modicon Quantum series, designed for advanced automation tasks. It operates using a 133 MHz processor and supports SERCOS as the control output, making it compatible with Lexium systems.

Technical specifications for 140MMS53502

Manufacturer Schneider Electric

Product Type Motion control module

Product Line Modicon Quantum

Part Number 140MMS53502

Processor 133 MHz

Control Output SERCOS

Compatibility Lexium

Number of Axes 8 real axes, 4 imaginary axes, 4 remote axes, 4 coordinate sets

Functions Count probe, length measurement, point synchronization

Mounting Vertical

Housing Plastic

Display Yes

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

Description

The Schneider Electric 140MMS53502 is a motion control module tailored for sophisticated motion tasks. Operating with a 133 MHz processor, this module facilitates precise control in various automation applications. It is particularly designed to work with SERCOS output, enabling seamless integration with Lexium devices for enhanced compatibility.

This module is capable of managing 8 real axes and includes 4 imaginary and 4 remote axes, along with 4 coordinate sets. It supports functions such as counting probes, measuring lengths, and synchronizing points, essential for advanced motion control methodologies. The vertical mounting design allows it to fit efficiently within various system configurations, while its plastic housing provides necessary durability.

Accommodating a working temperature range of 0 to 40 degrees Celsius, this motion control module is suitable for various industrial environments. It can be conveniently stored at temperatures up to 50 degrees Celsius. Additionally, it maintains performance in high humidity situations, tolerating levels up to 80% RH while avoiding condensation. The inclusion of a display enhances user interaction, providing important operational feedback directly on the unit.

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