

Schneider Series Service Manual

140MMB10400

1. Description

The 140MMB10400 motion module from Schneider Electric's Modicon Quantum series operates effectively in controlled conditions. It requires a steady voltage supply of 24 VDC and supports a maximum current of 0.5 A, indicating suitability for precise motion control tasks.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Line Modicon Quantum
Part	Number 140MMB10400
Module	Motion Module
RoHS	Compliant Yes
Environment	No corrosive gases
Minimum	Ambient Operating Temperature 0°C
Maximum	Ambient Operating Temperature 55°C
Minimum	Ambient Storage Temperature -20°C
Maximum	Ambient Storage Temperature 60°C
Relative	Humidity 95% or less (non-condensing)
Operating	Voltage 24 VDC
Current	Rating 0.5 A

3. Product Information

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Technical specifications for 140MMB10400

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Module Motion Module

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Relative Humidity 95% or less (non-condensing)

Operating Voltage 24 VDC

Current Rating 0.5 A

Description

The Schneider Electric 140MMB10400 is a motion module designed for use within the Modicon Quantum series. This unit complies with RoHS standards, ensuring it adheres to safe manufacturing practices. Weighing in at 4.54 kilograms (approximately 10 pounds), this component is optimized for a variety of applications where motion control is needed. Operationally, the module requires a steady voltage of 24 VDC and supports a current rating of 0.5 A. It is crucial to use this module in environments free from corrosive gases to maintain its integrity and functionality. The temperature specifications are vital, with a minimum operating temperature of 0°C and a maximum of 55°C, allowing it to function reliably in various indoor conditions.

Regarding storage, the 140MMB10400 can be safely kept at ambient temperatures ranging from -20°C to 60°C, providing flexibility in handling and storage requirements. This motion module is suitable for application in spaces maintaining a relative humidity of no more than 95% (non-condensing), accommodating various industrial settings. Overall, the 140MMB10400 is engineered to provide precise motion control capabilities while adhering to rigorous environmental constraints.