

Schneider Series Service Manual

416NHM21234

1. Description

The Schneider Electric 416NHM21234 is a versatile memory module designed for use in Modicon systems. It features plug-and-play functionality and supports Modbus Plus communications, facilitating easy integration into existing setups.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Line Modicon
Part	Number 416NHM21234
UPC	785901046639
Weight	0.31 lbs (0.14 kg)
Product	Memory Module
Spare	Part/Accessory Yes
Modbus	Plus Supported
Plug	and Play Card Yes
Type	3 PNP Supported
Operating	Temperature 0 to 40 degrees Celsius
Maximum	Operating Humidity 80% RH, non-condensing
Storage	Temperature 0 to 50 degrees Celsius
Maximum	Storage Humidity 80% RH, non-condensing
Operating	Environment Clean indoor environment with no corrosive chemicals
Maximum	Operating Altitude 1000m above sea level
Maximum	Storage Altitude 1000m above sea level

3. Product Information

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Technical specifications for 416NHM21234

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Description

The 416NHM21234 memory module by Schneider Electric is specifically crafted for Modicon applications, offering enhanced memory capacity. This module acts as a spare part and emphasizes convenience with its plug-and-play feature, enabling easy installation and configuration. It supports Modbus Plus, which simplifies network communication with other devices in various automation systems.

With a type of connection that includes Type 3 PNP support, it adapts seamlessly to different system needs. Weighing approximately 0.3 pounds, its lightweight design makes it easy to handle. The module functions within a temperature range of 0 to 40 degrees Celsius, allowing for reliable operation in moderate conditions.

In terms of humidity, it can withstand levels up to 80% relative humidity without condensation, making it suitable for various environments, provided they are free from corrosive substances. This module can be stored under temperatures ranging from 0 to 50 degrees Celsius, ensuring it remains functional even in warmer conditions.

The 416NHM21234 memory module is also capable of functioning at altitudes of up to 1000 meters, both while operating and during storage. This characteristic adds to its robustness, making it suitable for a range of industrial locations. Overall, this component represents a reliable choice for enhancing Modicon control systems.