

Schneider Series Service Manual

140NWM10000C

1. Description

The Schneider Electric 140NWM10000C serves as an operator panel within the Modicon Quantum series. Equipped with an LED display, this model is designed to facilitate user interactions with industrial control systems.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Type Operator Panel
Product	Line Modicon Quantum
Part	Number 140NWM10000C
Display	Type LED
Number	of Connection Ports 2
Connector	Type MT-RJ, RJ-45
Standards	Compliance CE
Protection	Class IP20
Enclosure	Rating NEMA 1
Maximum	Ambient Temperature 40 degrees Celsius
Minimum	Ambient Temperature 0 degrees Celsius
Maximum	Operating Humidity 80% RH, non-condensing
Maximum	Storage Humidity 80% RH, non-condensing
Maximum	Operating Altitude 1000m above sea level

3. Product Information

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Technical specifications for 140NWM10000C

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Product Line Modicon Quantum

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Maximum Operating Humidity 80% RH, non-condensing

Maximum Storage Humidity 80% RH, non-condensing

Maximum Operating Altitude 1000m above sea level

Description

In the Modicon Quantum series, the 140NWM10000C operates as a dedicated operator panel. This unit presents information through its LED display, enabling clear visibility for users. The panel is designed with two communication ports, allowing connections through MT-RJ or RJ-45 connectors.

Constructed to meet CE standards, this panel also maintains an IP20 protection class, safeguarding internal components against dust and other environmental factors. The enclosure rating is classified as NEMA 1, suitable for indoor settings. This operator panel performs efficiently in environments where the ambient temperature ranges from 0 to 40 degrees Celsius. It tolerates operating and storage humidity levels of up to 80% RH, ensuring reliable functionality in various conditions.

Additionally, the 140NWM10000C is suitable for use at altitudes up to 1000 meters above sea level, making it adaptable to different installation environments. Its specifications make it a dependable choice for user interface applications in industrial automation.