

Schneider Series Service Manual

140EDK77100

1. Description

The 140EDK77100 is an Ethernet development kit from Schneider Electric's Modicon Quantum series. This kit supports a range of communication applications and is also suitable for material handling, packaging, and textile machine operations.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Type Ethernet Development Kit
Product	Line Modicon Quantum
Part	Number 140EDK77100
Spare	Part/Accessory Yes
Communication	Applications 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 140EDK77100

Manufacturer Schneider Electric

Product Type Ethernet Development Kit

Product Line Modicon Quantum

Part Number 140EDK77100

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Communication Applications Supported

Material Handling Applications Supported

Packaging Applications Supported

Textile Machine Applications Supported

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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)

Description

The Schneider Electric 140EDK77100 Ethernet Development Kit is designed to support various operational applications, including communication, material handling, packaging, and textile machinery. This product serves as an accessory or spare component essential for setting up Ethernet communications in Modicon Quantum systems.

Operating efficiently between 0 to 40 degrees Celsius, this kit ensures reliable performance in a controlled indoor environment. It is crucial to avoid corrosive chemicals to maintain the integrity of the equipment. Additionally, the product can be stored safely at temperatures ranging from 0 to 50 degrees Celsius, making it adaptable for various storage settings.

In terms of environmental conditions, the maximum relative humidity is specified at 80% RH for both operation and storage, ensuring that the device functions smoothly without moisture-related issues. Moreover, the unit is rated for safe functioning up to an altitude of 1000 meters above sea level, which suits a wide range of installations and setups. The 140EDK77100 provides both versatility and reliability for numerous applications within its specified environmental parameters.