

Schneider Series Service Manual

140CPU67261

1. Description

The Schneider Electric 140CPU67261 is a Unity Processor optimized for the Modicon Quantum series, providing robust processing capabilities at a clock speed of 266 MHz. This module features advanced communication options, including Ethernet, Modbus, and Modbus Plus ports, making it suitable for diverse automation environments.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Line Modicon Quantum
Part	Number 140CPU67261
EAN	3595864101002
Weight	2.00 lbs (0.91 kg)
Processor	Type Unity Processor
Clock	Frequency 266 MHz
Hot	Standby Processor Yes
Communication	Ports Ethernet, Modbus, Modbus Plus
RAM	3072 KB
Single	Mode Transmission Supported
Operating	Temperature Range 0°C to 60°C
Storage	Temperature Range -40°C to 85°C
Counter	I/O Supported
Serial	Link I/O Supported
High-Speed	Interrupt Inputs Supported
Accurate	Time Stamping I/O Supported
Number	of Local Racks 2 racks
Bus	Current Requirement 2760 mA
Mounting	Type Rack Mountable

3. Product Information

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Technical specifications for 140CPU67261

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Description

The Modicon Quantum series part number 140CPU67261 from Schneider Electric incorporates a Unity Processor that operates at a clock frequency of 266 MHz. This high-performance processor is suitable for critical applications that demand reliability. For redundancy, a hot standby processor feature is included, ensuring system availability during failures.

The 140CPU67261 module also supports various communication protocols, which include Ethernet, Modbus, and Modbus Plus, facilitating flexible integration into different network architectures and environments.

It offers 3072 KB of RAM for effective data handling and processing, suitable for complex control systems. Users can expect compatibility with single mode transmissions, with a bus current requirement of 2760 mA.

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The operating temperature range of 0°C to 60°C enables the processor to function seamlessly in different temperature scenarios, while it can tolerate storage temperatures from -40°C to 85°C without risk of damage. The design allows for rack mounting, which simplifies installation and space management in control cabinets. It supports various input/output functionalities including counter I/O and serial link I/O, along with high-speed interrupt inputs, allowing for precise handling of events.

Another notable feature is the accurate time stamping capability for I/O, enhancing system diagnostics and timestamping for logged data. The unit can accommodate two local racks, making it suitable for larger system setups.