

Schneider 140CPU67261 Manual

Brand	Schneider
Product Series	Schneider
Product Type	Unity Processor

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.

Technical specifications for 140CPU67261

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

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.

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.

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