

Schneider Series Service Manual

PC-E984-285

1. Description

The Schneider Electric PC-E984-285 is a CPU from the Modicon series, engineered for effective processing and communication in industrial applications. It features a logic memory of 32k and a robust data memory of 64k, suitable for substantial computational tasks.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Type CPU
Product	Line Modicon
Part	Number PC-E984-285
Weight	3.00 lbs (1.36 kg)
Logic	Memory 32k
Registers	1920
Data	Memory 64k
Scan	Time 2.5 ms/k
Communication	Ports 2 Modbus, 1 Modbus+
Local	I/O 256
Total	I/O 512/512
I/O	Drops 1

3. Product Information

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Technical specifications for PC-E984-285

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Description

The Modicon PC-E984-285, manufactured by Schneider Electric, functions as a versatile CPU designed for automation and control tasks. It incorporates 32k of logic memory, supporting the execution of complex control algorithms. This model features data memory of 64k, allowing for data storage and processing to occur seamlessly. The CPU manages a total of 1,920 registers, facilitating ample data manipulation and storage. Quick processing is enabled through a scan time of 2.5 milliseconds per kilobyte, which assists in timely decision-making within control systems. For connectivity, the device includes two Modbus ports along with one Modbus+ port, ensuring extensive communication capabilities with various other devices within the network. With the local I/O capacity set at 256 and the ability to handle a total of 512 input and output points, this CPU supports efficient integration into automation frameworks. Furthermore, it is capable of addressing one I/O drop and can accommodate up to four maximum racks, offering flexibility for expanding control systems.