

Schneider Series Service Manual

PC-A984-145

1. Description

The PC-A984-145 from Schneider Electric is a dedicated CPU module designed for use in Modicon systems. It is equipped with 8k of user memory and can handle 1920 registers, ensuring efficient data processing.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Type CPU Module
Product	Line Modicon
Part	Number PC-A984-145
Weight	3.00 lbs (1.36 kg)
User	Memory 8k
Registers	1920
Data	Memory 2k
Scan	Time 5 ms/k
Communication	Ports 1 Modbus, 1 Modbus+
Local	I/O 256
Total	I/O 512/512
Local	Drops 1
Maximum	Racks 4

3. Product Information

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Technical specifications for PC-A984-145

Manufacturer Schneider Electric

Product Type CPU Module

Product Line Modicon

Part Number PC-A984-145

Weight 3.00 lbs (1.36 kg)

User Memory 8k

Registers 1920

Data Memory 2k

Scan Time 5 ms/k

Communication Ports 1 Modbus, 1 Modbus+

Local I/O 256

Total I/O 512/512

Local Drops 1

Maximum Racks 4

Description

The Schneider Electric part number PC-A984-145 is identified as a CPU module within the Modicon series. This module provides 8k of user memory along with a capacity to handle 1920 registers, making it suitable for various control applications. With a data memory allocation of 2k, it ensures effective data handling for tasks at hand. Designed for efficiency, this CPU module operates at a scan time of just 5 milliseconds per kilobyte, which allows for rapid processing of instructions. Communication capabilities are enhanced through one Modbus port and an additional Modbus+ port, allowing for seamless integration into networked environments. The PC-A984-145 supports local I/O with a configuration of 256, and it can manage a total of 512 inputs and outputs across the system. It supports one local drop and has the flexibility to operate with up to 4 racks, providing scalability to meet various application demands.