

Schneider Series Service Manual

PC-E984-685

1. Description

The Schneider Electric Modicon PC-E984-685 is a sophisticated programmable controller. It provides ample user memory and versatile communication options, making it suitable for various applications.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Type Programmable Controller
Product	Line Modicon
Part	Number PC-E984-685
Weight	5.00 lbs (2.27 kg)
User	Memory 16k
Register	I/O 1088 max.
Data	Memory 10k
Scan	Time 1 ms/k
Communication	Ports 2 Modbus, 1 Modbus+
Local	I/O 16384 max.
Total	I/O Bits 512/1024
Local	Drops 1
Maximum	Racks 4
Description	
The	PC-E984-685 from Schneider Electric is part of the Modicon series of programmable controllers. It is designed to enhance automation processes through efficient performance. Users benefit from 16k of user memory, which provides a foundation for various programming needs. The data memory is also substantial, offering an additional 10k for storing operational data. With a scanning time of just 1 millisecond per kilobyte, it ensures rapid processing of input and output commands.

3. Product Information

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Technical specifications for PC-E984-685

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Product Type Programmable Controller

Product Line Modicon

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This controller supports a maximum of 1088 register I/O connections, enabling extensive control possibilities. For communications, it includes two Modbus ports and one Modbus+ port, facilitating integration with different devices and networks. The local I/O count can reach 16,384, allowing for extensive connection options. The total I/O bits range between 512 and 1024, which provides flexibility in handling various applications. Additionally, it supports one local drop and can manage up to four racks, further expanding its connectivity capabilities.

Overall, the Modicon PC-E984-685 programmable controller is built to meet complex automation requirements while maintaining efficiency and scalability.