

Schneider Series Service Manual

PC-E984-785

1. Description

The Schneider Electric PC-E984-785 is a compact controller from the Modicon series designed to streamline various automation processes. It features a user memory capacity of either 32k or 48k, and allows for extensive I/O management with a maximum of 1088 register I/O.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Type Compact Controller
Product	Line Modicon
Part	Number PC-E984-785
Weight	5.00 lbs (2.27 kg)
User	Memory 32/48k
Register	I/O 1088 max.
Data	Memory 64/32k
Scan	Time 1 ms/k
Communication	Ports 2 Modbus, 1 Modbus+
Discrete	I/O 16384 max.
Local	Housings 5
Local	Drops 1
Maximum	Racks 4

3. Product Information

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Technical specifications for PC-E984-785

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Maximum Racks 4

Description

The PC-E984-785, a product in Schneider Electric’s Modicon range, serves as a compact controller suited for diverse automation applications. It can handle user memory configurations of 32k or 48k, providing flexibility for various programming needs. With the capability to manage up to 1088 register I/O, this controller ensures comprehensive I/O handling for complex systems.

Its discrete I/O capacity reaches a maximum of 16384, allowing for extensive peripheral device interactions. Communication is facilitated through two Modbus ports and one Modbus+ port, enhancing connectivity with other devices in the network. This design ensures smooth data transmission and efficient operation.

The controller features a scan time of just 1 ms per k, ensuring swift processing of input and output states, which helps maintain system responsiveness and performance.

Additionally, it supports data memory configurations of 64k or 32k, which can be suitable for storing necessary data and operational parameters.

The architecture of the PC-E984-785 allows for local expansion through up to five housings and one local drop. Users can set up to four racks, providing options for scalability in larger automation projects. This combination of specifications makes the Schneider Electric PC-E984-785 compact controller a versatile choice for efficient industrial control solutions.