

Schneider Series Service Manual

PC-E984-275

1. Description

The Schneider Electric PC-E984-275 is a CPU module designed for integration into Modicon systems. Operating on 24V DC, this module supports a current rating of 1 Amp and features substantial memory and processing capabilities.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Type CPU Module
Product	Line Modicon
Part	Number PC-E984-275
Weight	3.00 lbs (1.36 kg)
Current	1 Amp
Registers	1920
Memory	512 KB
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
Maximum	Racks 4
Voltage	24V DC

3. Product Information

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Technical specifications for PC-E984-275

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Description

Schneider Electric's PC-E984-275 module is a sophisticated CPU module for the Modicon series. It operates on a voltage of 24V DC and is capable of handling a current of 1 Amp. This module is equipped with 1920 registers, allowing for extensive data management. The built-in memory capacity is 512 KB, which is significant for handling various tasks.

In terms of performance, the scan time is stated at 2.5 milliseconds per k, enabling quick processing of input and output signals. It features 256 local I/O connections, contributing to a total I/O range of 512/512 points for broader system connectivity.

For communication, this unit offers 2 Modbus communication ports along with an additional Modbus+ port, ensuring compatibility with multiple devices and networks. The design allows for one I/O drop and supports a maximum capacity of 4 racks, providing scalability options for system expansion. The PC-E984-275 is, therefore, an efficient choice for automation applications requiring reliable CPU performance and extensive connectivity.