

Schneider Series Service Manual

PC-E984-258

1. Description

The Schneider Electric PC-E984-258 CPU is integral to Modicon systems, providing efficient processing for automation tasks. With a total memory of 512 KB, this unit supports a data memory of 32k and accommodates 1920 registers.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Type CPU
Product	Line Modicon
Part	Number PC-E984-258
Weight	3.00 lbs (1.36 kg)
Data	Memory 32k
Registers	1920
Total	Memory 512 KB
Scan	Time 2.5 ms/k
Communication	Ports 2 Modbus
Local	I/O 256
Total	I/O 512/512
I/O	Drops 1
Maximum	Racks 4

3. Product Information

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Technical specifications for PC-E984-258

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Scan Time 2.5 ms/k

Communication Ports 2 Modbus

Local I/O 256

Total I/O 512/512

I/O Drops 1

Maximum Racks 4

Description

The PC-E984-258 from Schneider Electric is a CPU designed for use in Modicon systems. It operates with a memory capacity of 512 kilobytes (KB) and includes 32k of data memory.

The system is capable of managing 1920 registers, which facilitates complex processing requirements.

Communication capabilities are robust, featuring two Modbus ports to support integration with various devices. The module offers local I/O functionality with a capacity of 256, while its total I/O capabilities extend to 512 points in both input and output, ensuring versatility for extensive applications. This unit is designed with a maximum of 4 racks, allowing for expandable configurations. Within its operational framework, it executes tasks rapidly, with a scan time measured at 2.5 milliseconds per kilobyte of code. Additionally, it is configured to handle a single I/O drop effectively, making it a compact and efficient processing solution within automation systems.

Category

18131-COMPACT 984 CONTROLLERS

Discount Schedule

PC19

GTIN

3595860001122

Returnability

No

Country of origin

DE

Packing Units

Unit Type of Package 1

PCE

Nbr. of units in pkg.

1

Package 1 Height

4.1 in (10.5 cm)

Package 1 Width

6.9 in (17.5 cm)

Package 1 Length

10.4 in (26.5 cm)

Package weight(Lbs)

28.5 oz (808 g)