

Schneider Series Service Manual

PC-E984-258C

1. Description

The PC-E984-258C is a compact CPU manufactured by Schneider Electric, belonging to the Modicon series. It features a memory capacity of 512K and supports up to 1920 registers, making it suitable for complex tasks.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Type Compact CPU
Product	Line Modicon
Part	Number PC-E984-258C
Weight	3.00 lbs (1.36 kg)
Memory	512K
Registers	1920
Conformal	Coating Yes
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	Schneider Electric PC-E984-258C is classified as a compact CPU within the Modicon series. It includes a substantial memory of 512K and accommodates 1920 registers, which is essential for a wide range of applications. This device enhances operational reliability with its conformal coating, providing protection against environmental factors.

3. Product Information

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Technical specifications for PC-E984-258C

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The Schneider Electric PC-E984-258C is classified as a compact CPU within the Modicon series. It includes a substantial memory of 512K and accommodates 1920 registers, which is essential for a wide range of applications. This device enhances operational reliability with its conformal coating, providing protection against environmental factors. It operates effectively with a scan time of 2.5 milliseconds per k, which ensures responsive performance. The CPU also features two Modbus communication ports, facilitating efficient connectivity and data transmission. In terms of I/O capabilities, the unit supports 256 local I/O points and a total I/O configuration of 512/512. It accommodates one I/O drop, which adds to its flexibility in system design. The design permits a maximum of four racks, expanding its operational capacity in complex setups.