

Schneider Series Service Manual

PC-E984-285C

1. Description

The PC-E984-285C by Schneider Electric is a compact controller designed for flexible application in various automation environments. It features a logic memory capacity of 32 K and a data memory of 64 K, accommodating diverse control algorithms and data management.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Type Compact Controller
Product	Line Modicon
Part	Number PC-E984-285C
Weight	0.69 lbs (0.31 kg)
Logic	Memory 32 K
Clock	Speed 12 MHz
I/O	Capacity 256 Digital I/O
Data	Memory 64 K
Input	Voltage 24 VDC
Temperature	Range 0°C to 55°C
Communication	PROFIBUS-DP
Mounting	Type DIN Rail
Protection	Class IP20
Operating	Humidity 5% to 95% RH

3. Product Information

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Technical specifications for PC-E984-285C

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Description

The Schneider Electric PC-E984-285C is a compact controller designed to serve in various automation control tasks. This unit boasts a logic memory capacity of 32 K, making it suitable for implementing a wide range of control functions. In addition to that, it features 64 K of data memory, facilitating standard data operations for many industrial applications. The controller is designed to work at a clock frequency of 12 MHz, which supports efficient processing speeds. Capable of handling 256 digital I/O, it offers considerable flexibility, making it suitable for applications requiring multiple input and output connections. It operates on a 24 VDC input voltage, which is a standard requirement in many automation systems.

Operating under a temperature range of 0°C to 55°C, the PC-E984-285C can function in various environments, maintaining reliability in specified conditions. Communication with other devices is managed through its PROFIBUS-DP interface, which is widely recognized in the industry for reliable data transfer.

Designed for DIN rail installation, the weight of the unit is just 0.29 kg, which aids in simplifying the mounting process. Protection against environmental factors is rated at IP20, ensuring that it is safeguarded against solid objects, such as dust, and providing adequate protection against accidental contact. Lastly, it operates effectively in settings with humidity levels from 5% to 95% relative humidity, allowing it to be used in different operational environments.

Category

18131-COMPACT 984 CONTROLLERS

Discount Schedule

PC19

GTIN

3595860001542

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

7.09 in (18 cm)

Package 1 Length

10.4 in (26.5 cm)

Package weight(Lbs)

29.7 oz (841 g)