

Schneider Series Service Manual

170BNP67100

1. Description

The 170BNP67100 is a communication interface module designed by Schneider Electric for the Modicon Momentum series. This device supports the Modbus Plus protocol and operates with a current draw of 200 mA, ensuring efficient connectivity in industrial environments.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Type Communication Interface Module
Product	Line Modicon Momentum
Part	Number 170BNP67100
Current	Draw 200 mA
Protocol	Support Modbus Plus
Status	Indicators LED
Connector	Type DB9 Female
Compatibility	TSX Momentum I/O
Number	of Ports 1
Operating	Temperature 0°C to +60°C
Baud	Rate 1 Mbps
Mounting	Type DIN Rail
Operating	Voltage 5 VDC
Enclosure	Rating IP20
Certifications	CE, UL, CSA

3. Product Information

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Technical specifications for 170BNP67100

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The Schneider Electric 170BNP67100 functions as a communication interface module within the Modicon Momentum series. Operating with a current draw of 200 mA, it facilitates efficient data transmission in various applications. This module supports the Modbus Plus protocol, enhancing its utility in integrated systems, where reliable communication is essential.

This communication module provides one port and features a DB9 female connector, enabling straightforward integration with other equipment. With a baud rate capability of 1 Mbps, data exchange is achieved swiftly. Designed for robustness, the device can operate effectively within the temperature range of 0°C to +60°C, making it suitable for many industrial contexts.

Installation is simplified with its DIN rail mounting type, allowing for easy setup in control cabinets. Additionally, the IP20 enclosure rating indicates protection against dust and physical contact, although it is not rated for water resistance. The 170BNP67100 also carries multiple important certifications such as CE, UL, and CSA, ensuring compliance with established safety and quality standards.