

Schneider Series Service Manual

NW-BM85-000

1. Description

The Schneider Electric NW-BM85-000 serves as a bridge multiplexer, enabling communication between various devices. With a dual voltage rating of 115/230V AC, this module is designed to work in diverse environments.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Type Bridge Multiplexer
Product	Line Modicon
Part	Number NW-BM85-000
Weight	5.00 lbs (2.27 kg)
Voltage	115/230V AC
Number	of Ports 4 ports
Port	Type RS-232 ports
Modbus	Master Ports Supported
Modbus	Slave Ports Supported
Modbus	Messaging Supported
Rack	Mounting Supported
Modbus	Plus Connection Option Supported
Modbus	Gateway Connection Option Supported

3. Product Information

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Technical specifications for NW-BM85-000

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Modbus Slave Ports Supported

Modbus Messaging Supported

Rack Mounting Supported

Modbus Plus Connection Option Supported

Modbus Gateway Connection Option Supported

Description

The NW-BM85-000 from Schneider Electric is engineered as a bridge multiplexer for effective communication management in Modicon systems. It operates at voltage levels of 115 or 230 volts AC, providing flexibility for different setups. This multiplexer is equipped with four RS-232 ports, facilitating the connection of multiple devices.

It supports both Modbus master and slave ports, making it suitable for a variety of communication scenarios. The device ensures compatibility with Modbus messaging protocols. Additionally, it offers options for connecting with Modbus Plus and serves as a gateway for enhanced inter-device communication.

For installation convenience, this multiplexer can be rack-mounted, which streamlines the setup within control cabinets. The NW-BM85-000's diverse connectivity options make it a reliable choice for establishing effective communication in industrial automation applications.

The NW-BM85-000 Bridge MUX is considered Data Terminal EQUIPMENT (DTE) device. Modems are Data Communication EQUIPMENT (DCE). A modem cable must be used when connecting the bridge to the modem.

The following list identifies the type of cable and naming convention used to connect to different types of EQUIPMENT.

DTE - DCE: Modem Cable or Straight Through Cable

DTE - DTE: Null-Modem Cable (crossed cables)

DCE - DCE: Tail Circuit Cable Interface Mechanical