

Schneider Series Service Manual

NW-RR85-001

1. Description

The NW-RR85-001 Modbus Plus repeater assembly from Schneider Electric is part of the Modicon Quantum series. Designed to enhance communication in networked systems, this electrical repeater operates efficiently at voltage ranges from 110 to 120V or 220 to 240V AC.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Line Modicon Quantum
Part	Number NW-RR85-001
Name	Modbus Plus Repeater Assembly
Part	Type Modbus Plus Electrical Repeater
Voltage	Class 100V
Voltage	Range 110-120V / 220-240V AC
Ports	2
Transmission	Medium Coaxial Cable
Mounting	Type Rack-Mounted
Length	14.17 in.
Width	10.71 in.
Depth	4.8 in.

3. Product Information

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Technical specifications for NW-RR85-001

Manufacturer Schneider Electric

Product Line Modicon Quantum

Part Number NW-RR85-001

Name Modbus Plus Repeater Assembly

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Voltage Class 100V

Voltage Range 110-120V / 220-240V AC

Ports 2

Transmission Medium Coaxial Cable

Mounting Type Rack-Mounted

Length 14.17 in.

Width 10.71 in.

Depth 4.8 in.

Description

The NW-RR85-001 is classified as a Modbus Plus electrical repeater assembly from Schneider Electric within the Modicon Quantum series. It supports voltage classifications at 100V and can operate within specified ranges of 110-120V or 220-240V AC, making it adaptable to various electrical systems.

Equipped with two communication ports, this repeater uses coaxial cables as its primary transmission medium, ensuring stable and effective data communication between connected devices. The device is designed for rack mounting, adding convenience to installations within control panels or enclosures.

Regarding its physical specifications, the NW-RR85-001 measures 14.17 inches in length, 10.71 inches in width, and 4.8 inches in depth. With a weight of 5.9 pounds (or 2.68 kilograms), this unit is sufficiently portable for various applications yet robust enough to support significant use in demanding environments.