

Schneider  Series Service Manual

140X816

1. Description

The 140X816 from Schneider Electric's Modicon Momentum series is a floating point option adapter. This adapter is designed for Modbus Plus bus systems, supporting a communication rate of 1 Mbps.

2. Specifications

| Specification | Value                          |
|---------------|--------------------------------|
| Manufacturer  | Schneider Electric             |
| Product       | Line Modicon Momentum          |
| Part          | Number 140X816                 |
| Description   | Floating Point Option Adapter  |
| Bus           | Type Modbus Plus               |
| Communication | Rate 1 Mbps                    |
| Connector     | Type 9-pin D-sub, female       |
| Cable         | Length 1.8 m (5.91 ft)         |
| Transmission  | Distance Up to 450 m (1476 ft) |
| Max.          | Number of Drops 32             |
| Addressing    | 1 to 64 nodes                  |
| Power         | Consumption 2.5 W              |
| Mounting      | Type B                         |

3. Product Information

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Technical specifications for 140X816

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Product Line Modicon Momentum

Part Number 140X816

Description Floating Point Option Adapter

Bus Type Modbus Plus

Communication Rate 1 Mbps

Connector Type 9-pin D-sub, female

Cable Length 1.8 m (5.91 ft)

Transmission Distance Up to 450 m (1476 ft)

Max. Number of Drops 32

Addressing 1 to 64 nodes

Power Consumption 2.5 W

Mounting Type B

Description

The 140X816 floating point option adapter, part of Schneider Electric's Modicon Momentum range, facilitates effective data transfer on Modbus Plus bus systems. Operating at a communication rate of 1 Mbps, it ensures rapid data flow across connected nodes. The unit utilizes a 9-pin D-sub female connector for seamless integration with existing setups. Measuring 115 mm in length, 40 mm in height, and 120 mm in depth, this adapter is designed for easy installation. It has a mounting type classified as Type B, making it suitable for various applications. Designed to manage significant transmission distances, the adapter supports cable lengths of 1.8 meters (5.91 feet) and can transmit signals across distances up to 450 meters (1476 feet).

The adapter allows for a maximum of 32 drops, and it accommodates addressing for 1 to 64 nodes. Power requirements are modest, with a consumption rating of 2.5 W, facilitating efficient operation. Weighing just 0.2 kg (0.44 lbs), this floating point option adapter offers both practicality and functionality for enhancing Modbus Plus networks.