

Schneider  Series Service Manual

170INT11001

1. Description

The 170INT11001, part of Schneider Electric's Modicon Momentum series, is designed as a communication adapter that facilitates smooth connectivity. Operating on the INTERBUS-S communication protocol, this adapter is particularly suitable for use with Momentum I/O bases.

2. Specifications

| Specification | Value                            |
|---------------|----------------------------------|
| Manufacturer  | Schneider Electric               |
| Product       | Line Modicon Momentum            |
| Part          | Number 170INT11001               |
| Name          | of Product Communication Adapter |
| Communication | Protocol INTERBUS-S              |
| Compatible    | Modules Momentum I/O bases       |
| Topology      | Support Ring topology            |
| Transmission  | Medium Twisted pair cable        |
| Data          | Transmission Rate 500 kbps       |
| Min.          | Operating Temperature 0°C        |
| Max.          | Operating Temperature 55°C       |
| Min.          | Storage Temperature -20°C        |
| Max.          | Storage Temperature 60°C         |
| Altitude      | 2000 meters                      |
| Environment   | No corrosive gases               |

3. Product Information

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Technical specifications for 170INT11001

Manufacturer Schneider Electric

Product Line Modicon Momentum

Part Number 170INT11001

Name of Product Communication Adapter

Communication Protocol INTERBUS-S

Compatible Modules Momentum I/O bases

Topology Support Ring topology

Transmission Medium Twisted pair cable

Data Transmission Rate 500 kbps

Min. Operating Temperature 0°C

Max. Operating Temperature 55°C

Min. Storage Temperature -20°C

Max. Storage Temperature 60°C

Altitude 2000 meters

Environment No corrosive gases

The Schneider Electric 170INT11001 communication adapter is an integral component within the Modicon Momentum series. This device is specifically built to work with the INTERBUS-S communication protocol, ensuring compatibility with Momentum I/O bases. The adapter supports a ring topology, which allows for flexible network configurations and enhances reliability in data communications.

Constructed with functionality in mind, it transmits data at a rate of 500 kbps using twisted pair cables. With a weight of approximately 0.45 kg, or 1 lb., it is manageable and facilitates straightforward installation.

The unit is designed to operate within a temperature range from 0°C to 55°C, catering to a variety of industrial conditions. Additionally, it can be stored in temperatures as low as -20°C and as high as 60°C, which supports versatility in storage scenarios.

This communication adapter is suitable for use at altitudes up to 2000 meters and is intended for environments that are free from corrosive gases, making it a reliable choice for various applications.

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