

Schneider  Series Service Manual

TSXSCM2116

1. Description

The TSXSCM2116 from Schneider Electric serves as a dedicated communication module, facilitating the integration and connectivity in Modicon systems. This module supports RS232 IS/UTWAY HD/UNITE communication protocols and is built for reliable performance across various environments.

2. Specifications

| Specification | Value                                   |
|---------------|-----------------------------------------|
| Manufacturer  | Schneider Electric                      |
| Product       | Line Modicon                            |
| Part          | Number TSXSCM2116                       |
| Weight        | 2.81 lbs (1.28 kg)                      |
| Product       | Description Communication Module        |
| Communication | Protocols RS232 IS/UTWAY HD/UNITE       |
| Ambient       | Operating Temperature 0 to 55 °C        |
| Ambient       | Transportation Temperature -40 to 70 °C |
| Ambient       | Storage Temperature -25 to 55 °C        |
| Relative      | Humidity 5 to 95 % without condensation |
| Unit          | Type of Package 1                       |
| PCE           |                                         |
| Number        | of Units in Package 1                   |
| 1             |                                         |
| Package       | 1 Height                                |
| 10            | cm                                      |
| Package       | 1 Width                                 |
| 22.5          | cm                                      |
| Package       | 1 Length                                |
| 23.5          | cm                                      |
| Package       | 1 Weight                                |
| 1.162         | kg                                      |

3. Product Information

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Technical specifications for TSXSCM2116

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Relative Humidity 5 to 95 % without condensation

Unit Type of Package 1

PCE

Number of Units in Package 1

1

Package 1 Height

10 cm

Package 1 Width

22.5 cm

Package 1 Length

23.5 cm

Package 1 Weight

1.162 kg

Description

The TSXSCM2116 is a communication module developed by Schneider Electric, specifically designed for Modicon systems. This compact device measures 100 mm in width, 225 mm in height, and 235 mm in depth, translating to a physical size of about 4 inches by 8.9 inches by 9.2 inches, respectively. Weighing in at 1.162 kg (approximately 2.562 lbs), the module is built to provide robust performance throughout its operational life.

This communication module utilizes RS232 IS/UTWAY HD/UNITE protocols, ensuring efficient data transfer and connectivity. Operating within a temperature range of 0 to 55 °C, the TSXSCM2116 ensures reliable performance in a variety of conditions. During transportation, it can endure temperatures from -40 °C to 70 °C, ensuring that it remains functional even in extreme conditions. When stored, the device can maintain integrity in temperatures ranging from -25 °C to 55 °C.

The module is also designed to operate in environments with relative humidity levels between 5 and 95 %, provided there is no condensation present. This variety of environmental tolerances makes the TSXSCM2116 suitable for diverse industrial applications, supporting reliable communication within automated systems.