

# Schneider Series Service Manual

## 140ENETSW01

### 1. Description

The Schneider Electric Modicon series presents the 140ENETSW01, a versatile model tailored for effective network integration. Designed to facilitate bus communication amongst Schneider Electric devices, it utilizes the Modbus TCP/IP protocol for robust connectivity.

### 2. Specifications

| Specification | Value                                                    |
|---------------|----------------------------------------------------------|
| Manufacturer  | Schneider Electric                                       |
| Product       | Line Modicon                                             |
| Part          | Number 140ENETSW01                                       |
| Weight        | 1.13 lbs (0.51 kg)                                       |
| Bus           | Communication Yes, with other Schneider Electric devices |
| Compliance    | CE Marked                                                |
| Communication | Protocol Modbus TCP/IP                                   |
| Number        | of Ports 8                                               |
| Port          | Type 10/100 Mbps Ethernet                                |
| Power         | Supply Voltage 5 V DC                                    |
| Power         | Consumption 3A                                           |
| Mounting      | Type Rack-mounted design                                 |
| Operating     | Temperature Range 0°C to 55°C                            |
| Storage       | Temperature Range -20°C to 70°C                          |
| Humidity      | 5% to 95% (non-condensing)                               |
| Diagnostic    | Indicators LED indicators for each port                  |

### 3. Product Information

The Schneider Electric Modicon series presents the 140ENETSW01, a versatile model tailored for effective network integration. Designed to facilitate bus communication amongst Schneider Electric devices, it utilizes the Modbus TCP/IP protocol for robust connectivity.

Technical specifications for 140ENETSW01

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Product Line Modicon

Part Number 140ENETSW01

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Compliance CE Marked

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Power Supply Voltage 5 V DC

Power Consumption 3A

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Operating Temperature Range 0°C to 55°C

Storage Temperature Range -20°C to 70°C

Humidity 5% to 95% (non-condensing)

Diagnostic Indicators LED indicators for each port

The Modicon 140ENETSW01 by Schneider Electric provides essential network connectivity through its array of features. It facilitates bus communication effectively with Schneider Electric devices, utilizing the Modbus TCP/IP communication protocol. Designed with eight ports capable of handling data at speeds of 10/100 Mbps, this model ensures efficient network performance.

The power supply requirement is set at 5 V DC, with a total power consumption of 3A. This module is intended for rack-mounted installation, optimizing space and integration in control systems. Dimensions include a width of 279 mm, a height of 356 mm, and a depth of 203 mm, weighing in at approximately 1.09 lbs (0.49 kg).

In terms of environmental specifications, the device operates effectively within a temperature range spanning 0°C to 55°C. It can be stored at temperatures as low as -20°C and as high as 70°C. Furthermore, the device supports a humidity level between 5% and 95% without condensation. For responsiveness and monitoring, LED indicators are available for each port, allowing users to quickly assess operational status.