

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

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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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Number of Ports 8

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Power Consumption 3A

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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.