

Schneider STBNIP2212 Manual

Brand	Schneider
Product Series	Schneider
Product Type	Standard Network Interface Module

Description

The Schneider Electric STBNIP2212 is a dedicated network interface module designed for communications over Modbus TCP/IP. It operates at an input voltage of 24 V DC and has a current draw of 100 mA, providing the necessary power requirements for efficient operation.

Technical specifications for STBNIP2212

Manufacturer Schneider Electric

Product Line Modicon

Part Number STBNIP2212

EAN 3595862055116

Weight 0.31 lbs (0.14 kg)

Description of Module Network Interface Module

Interface Modbus TCP/IP

Input Voltage 24 V DC

Current Consumption 100 mA

Temperature Range 0 °C to 60 °C

Enclosure Rating IP20

Communication Ports 2 x RJ45

LED Indicators Status, Error, Power

Power Supply Powered from the Bus

Environment Indoor use only

Compliance CE, UL

Range of Product

Modicon STB distributed I/O solution

Product or Component Type

Standard Network Interface Module

Complementary

Communication Service

SNMP agent

Modbus TCP/IP messaging

Embedded web (configuration,diagnostics and access to variable)

BootP/DHCP protocol

Power supply type

SELV

Height

5.05 in (128.3 mm)

Width

1.6 in (40.5 mm)

Depth

2.8 in (70 mm)

www.AutoDCSTech.com

Net Weight

0.29 lb(US) (0.13 kg)

Environment

IP Degree of Protection

IP20

Marking

CE

Product certifications

CSA

UL

FM Class 1 Division 2

ATEX Cat 3G

C-tick

Ambient air temperature for operation

32...140 °F (0...60 °C) without derating

-13...158 °F (-25...70 °C) with derating factor

Ambient air temperature for storage

-40...185 °F (-40...85 °C)

Relative humidity

95 % 140 °F (60 °C) without condensation

Operating altitude

<= 6561.68 ft (2000 m)

Vibration resistance

3 gn 58...150 Hz) on 35 mm DIN rail

5 gn 58...150 Hz) on 35 mm DIN rail

+/-0.35 mm 10...58 Hz)

Shock resistance

30 gn 11 ms IEC 88 reference 2-27

Ordering and shipping details

Category

US1PC3218215

Discount Schedule

PC32

GTIN

3595862055116

Returnability

Yes

Country of origin

FR

Packing Units

Unit Type of Package 1

PCE

Nbr. of units in pkg.

1

Package 1 Height

1.732 in (4.400 cm)

Package 1 Width

2.874 in (7.300 cm)

Package 1 Length

5.118 in (13.000 cm)

Package weight(Lbs)

www.AutoDCSTech.com

5.750 oz (163.000 g)

Description

The STBNIP2212 from Schneider Electric serves as a network interface module, facilitating communication through Modbus TCP/IP protocols. Designed with a 24 V DC input voltage, it consumes a current of 100 mA, ensuring efficient functionality in various applications. This module is intended for indoor use, rated with an IP20 enclosure, which offers protection against solid objects larger than 12 mm but is not suitable for exposure to moisture or dust.

This device measures 80 mm in width, 120 mm in height, and 70 mm in depth, making it a compact addition to any control system. Weighing only 0.3 kg, it is lightweight and easy to install. Communication is handled via two RJ45 ports, providing reliable network connections.

For operational status monitoring, the STBNIP2212 is equipped with LED indicators that provide real-time information regarding status, power, and potential errors. Power to the module is supplied directly from the bus, streamlining installation and connectivity.

This module complies with both CE and UL standards, ensuring it meets essential safety and quality guidelines. The temperature range for reliable operation ranges from 0 °C to 60 °C, allowing it to function effectively in a variety of controlled indoor environments.

Technical Specifications

Manufacturer Schneider Electric

Product Line Modicon

Part Number STBNIP2212

EAN 3595862055116

Weight 0.31 lbs (0.14 kg)

Description of Module Network Interface Module

Interface Modbus TCP/IP

Input Voltage 24 V DC

Current Consumption 100 mA

Temperature Range 0 °C to 60 °C

Enclosure Rating IP20

Communication Ports 2 x RJ45

LED Indicators Status, Error, Power

Power Supply Powered from the Bus

Environment Indoor use only

Compliance CE, UL

Range of Product

Modicon STB distributed I/O solution

Product or Component Type

Standard Network Interface Module

Complementary

Communication Service

SNMP agent

Modbus TCP/IP messaging

Embedded web (configuration, diagnostics and access to variable)

BootP/DHCP protocol

Power supply type

SELV

Height

5.05 in (128.3 mm)

Width

1.6 in (40.5 mm)

Depth

2.8 in (70 mm)

Net Weight

0.29 lb(US) (0.13 kg)

Environment

IP Degree of Protection

IP20

Marking

CE

Product certifications

CSA

UL

FM Class 1 Division 2

ATEX Cat 3G

C-tick

Ambient air temperature for operation

32...14

www.AutoDCSTech.com