

# STBNIP2212

standard Network Interface Module STB - Ethernet - 10 Mbit/s



## Main

Range of product	Modicon STB distributed I/O solution
Product or component type	Standard Network Interface Module
Concept	Transparent Ready
Port Ethernet	10BASE-T
Number of segments	1 primary, maximum 6 extensions
Number of devices per segment	0...256
Transmission rate	10 Mbit/s for bus length of 0...100 m according to 802.3 standard 10 Mbit/s for bus length of 0...1000 m with ConneXium cabling system 10 Mbit/s for bus length of $\geq$ 3000 m with fiber optic connection
Structure type	Industrial LAN

## Complementary

Number of addressable I/O module	0...32 per island
Communication service	BootP/DHCP protocol Embedded web (configuration, diagnostics and access to variable) Modbus TCP/IP messaging SNMP agent
[Us] rated supply voltage	24 V DC
Power supply type	SELV
Supply current	$\geq$ 700 mA
Supply voltage limits	19.2...30 V
Input current	430 mA for supply circuit
Nominal output current	1.2 A 0.575 A (60...70 °C)
Output voltage	5.25 V DC (tolerance: $\pm$ 0.21 %) for logic bus
Marking	CE
Overvoltage category	II
Status LED	1 LED red for module error (ERR) 1 LED green for island state (RUN) 1 LED green for power supply (PWR) 1 LED yellow for test mode 1 LED green for 10T 1 LED green for status
Depth	70 mm
Height	40 mm
Width	128.3 mm
Product weight	0.13 kg

## Environment

Electromagnetic compatibility	Immunity to electromagnetic interference conforming to IEC 61131-2
Product certifications	ATEX Cat 3G CSA C-Tick FM Class 1 Division 2 UL
Pollution degree	2 conforming to IEC 60664-1
Operating altitude	$\leq$ 2000 m
IP degree of protection	IP20 conforming to EN 61131-2 class 1
Ambient air temperature for operation	0...60 °C without derating

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

	-25...70 °C with derating factor
Ambient air temperature for storage	-40...85 °C
Relative humidity	95 % at 60 °C without condensation
Vibration resistance	+/-0.35 mm (f = 10...58 Hz) 5 gn (f = 58...150 Hz) on 35 x 15 mm symmetrical DIN rail 3 gn (f = 58...150 Hz) on 35 x 7.5 mm symmetrical DIN rail
Shock resistance	30 gn for 11 ms conforming to IEC 88 reference 2-27

### Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS	Compliant - since 0834 - Schneider Electric declaration of conformity
Product environmental profile	Available

### Contractual warranty

Period	18 months
--------	-----------