

STBNIP2311

standard Network Interface Module STB -
Ethernet modbus TCP/IP - 10...100 Mbits



Main

Range of product	Modicon STB distributed I/O solution
Product or component type	Standard Network Interface Module
Integrated connection type	Ethernet Modbus TCP/IP conforming to IEEE 802.3 8-way female (RS232 port) Ethernet Modbus TCP/IP conforming to IEEE 802.3 HE-13 (RS232 port) Ethernet Modbus TCP/IP conforming to IEEE 802.3 2 female RJ45 double shielded twisted pair via Ethernet (network)
Port Ethernet	10BASE-T/100BASE-T
Exchange mode	Half or full duplex
Number of segments	1 primary, maximum 6 extensions
Transmission rate	10/100 Mbit/s for bus length of 0...100 m per segment
Structure type	Industrial LAN Ethernet Modbus TCP/IP network

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	>= 700 mA
Supply voltage limits	19.2...30 V
Input current	550 mA for supply circuit
Nominal output current	0.575 A (60...70 °C) 1.2 A
Output voltage	5.25 V DC (tolerance: +/- 0.21 %) for logic bus
Marking	CE
Overvoltage category	II
Status LED	1 LED for test mode (TEST) 1 LED for power supply (PWR) 1 LED for NS 1 LED for MS 1 LED for module error (ERR) 1 LED for island state (RUN) 1 LED for ACT
Depth	70 mm
Height	40.5 mm
Width	130 mm
Product weight	0.145 kg

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Environment

Standards	FM Class 1 division 2, groups A, B, C and D T4A with 70 °C IEC 61131-2 : 2003
Product certifications	ATEX Cat 3G CSA C-Tick ODVA UL
Pollution degree	2 conforming to IEC 60664-1
Operating altitude	<= 2000 m
IP degree of protection	IP20 conforming to EN 61131-2 class 1
Ambient air temperature for operation	-25...70 °C with derating factor 0...60 °C without derating
Ambient air temperature for storage	-40...85 °C
Relative humidity	95 % at 60 °C without condensation
Vibration resistance	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 +/-0.35 mm (f = 10...58 Hz)
Shock resistance	30 gn for 11 ms conforming to IEC 88 reference 2-27

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0943 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available Download Product Environmental

Dimensions

