

# STBNIP2311

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

Product availability : Stock - Normally stocked in distribution facility



## 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 2 female RJ45 double shielded twisted pair via Ethernet (network) Ethernet Modbus TCP/IP conforming to IEEE 802.3 HE-13 (RS232 port) Ethernet Modbus TCP/IP conforming to IEEE 802.3 8-way female (RS232 port)
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...328.08 ft (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	Modbus TCP/IP messaging SNMP agent BootP/DHCP protocol Embedded web (configuration, diagnostics and access to variable)
[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	1.2 A 0.575 A (140...158 °F (60...70 °C))
Output voltage	5.25 V DC (tolerance: +/- 0.21 %) logic bus
Marking	CE
Overvoltage category	II

Status LED	1 LED island state (RUN) 1 LED power supply (PWR) 1 LED module error (ERR) 1 LED ACT 1 LED MS 1 LED NS 1 LED test mode (TEST)
Depth	2.76 in (70 mm)
Height	1.59 in (40.5 mm)
Width	5.12 in (130 mm)
Product weight	0.32 lb(US) (0.145 kg)

## 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 UL CSA C-Tick ODVA
Pollution degree	2 conforming to IEC 60664-1
Operating altitude	<= 6561.68 ft (2000 m)
IP degree of protection	IP20 conforming to EN 61131-2 class 1
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 % at 140 °F (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 11 ms conforming to IEC 88 reference 2-27

## Ordering and shipping details

Category	18215 - ADVANTYS STB I/O
Discount Schedule	PC32
GTIN	00785901690962
Nbr. of units in pkg.	1
Package weight(Lbs)	0.39000000000000001
Returnability	Y
Country of origin	FR

## Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0943 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold <a href="#">Reference not containing SVHC above the threshold</a>
Product environmental profile	Available

## Contractual warranty

Warranty period	18 months
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