Product datasheet
Characteristics

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 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…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	SNMP agent BootP/DHCP protocol Modbus TCP/IP messaging Embedded web (configuration,diagnostics and access to variable)
[Us] rated supply voltage	24 V DC
Power supply type	SELV
Maximum supply current	700 A
Supply voltage limits	19.2…30 V
Input current	550 mA for supply circuit
Nominal output current	0.575 A at 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 LEDACT: 1 LEDisland state (RUN): 1 LEDmodule error (ERR): 1 LEDMS: 1 LEDNS:

Disclaimer: 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

	1 LEDpower supply (PWR): 1 LEDtest mode (TEST):
Depth	70 mm
Height	40.5 mm
Width	130 mm
Net weight	0.145 kg

Environment

Standards	IEC 61131-2 : 2003 FM Class 1 division 2, groups A, B, C and D T4A with 70 °C
Product certifications	UL ODVA C-Tick ATEX Cat 3G CSA
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	0…60 °C (without derating) -25…70 °C (with derating factor)
Ambient air temperature for storage	-40…85 °C
Relative humidity	95 % at 60 °C without condensation
Vibration resistance	3 gn at 58…150 Hz on 35 x 7.5 mm symmetrical DIN rail 5 gn at 58…150 Hz on 35 x 15 mm symmetrical DIN rail +/-0.35 mm at 10…58 Hz
Shock resistance	30 gn for 11 ms conforming to IEC 88 reference 2-27

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	179 g
Package 1 Height	2.5 cm
Package 1 width	8 cm
Package 1 Length	13 cm

Offer Sustainability

REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

Warranty	18 months

Dimensions

