Product data sheet
Characteristics

STBNIP2311
network interface module, Modicon STB, standard, Ethernet, modbus TCP/IP, 10-100Mbits

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 IEEE 802.3 2 female RJ45 double shielded twisted pair via Ethernet network) Ethernet Modbus TCP/IP IEEE 802.3 HE-13 RS232 port) Ethernet Modbus TCP/IP 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 0.0000000000…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	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 supply circuit
Nominal output current	0.575 A 140…158 °F (60…70 °C) 1.2 A
Output voltage	5.25 V DC +/- 0.21 %)logic bus
Marking	CE
Overvoltage category	II
Status LED	1 LED ACT 1 LED island state (RUN) 1 LED module error (ERR) 1 LED MS 1 LED NS 1 LED power supply (PWR) 1 LED test mode (TEST)
Depth	2.8 in (70 mm)
Height	1.6 in (40.5 mm)
Width	5.1 in (130 mm)
Net Weight	0.320 lb(US) (0.145 kg)

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.
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Environment

Standards	IEC 61131-2 : 2003 FM Class 1 division 2, groups A, B, C and D T4A with 70 °C
Product Certifications	UL[RETURN]ODVA[RETURN]C-tick[RETURN]ATEX Cat 3G[RETURN]CSA
Pollution degree	2 IEC 60664-1
Operating altitude	<= 6561.68 ft (2000 m)
IP degree of protection	IP20 conforming to IEC 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 % 140 °F (60 °C) without condensation
Vibration resistance	3 gn 58…150 Hz 35 x 7.5 mm symmetrical DIN rail 5 gn 58…150 Hz 35 x 15 mm symmetrical 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	3595864062273
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.69 in (4.300 cm)
Package 1 Width	2.87 in (7.300 cm)
Package 1 Length	5.12 in (13.000 cm)
Package 1 Weight	6.032 oz (171.000 g)
Unit Type of Package 2	S02
Number of Units in Package 2	30
Package 2 Height	5.91 in (15.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	12.015 lb(US) (5.450 kg)

Offer Sustainability

Packaging without single use plastic	No
Packaging made with recycled cardboard	No
SCIP Number	F760fd97-89c1-4651-a374-9b8eff254b6a
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
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.
Take-back	No

Contractual warranty

Warranty	18 months