Product data sheet

Specifications

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

STBNIP2311

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 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 0.00…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	2.76 in (70 mm)
Height	1.59 in (40.5 mm)

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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Width	5.12 in (130 mm)
Net Weight	0.32 lb(US) (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 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	6.03 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	12.02 lb(US) (5.450 kg)

Contractual warranty

Warranty	18 months

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Sustainability

Green Premium^{TM} label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information   Yes

Reach Regulation   REACh Declaration

Eu Rohs Directive   Pro-active compliance (Product out of EU RoHS legal scope)

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.

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

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Dimensions Drawings

Dimensions