

Product data sheet

Specifications



network interface module, Modicon STB, standard, Ethernet, 10Mbit/s

STBNIP2212

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
Concept	Transparent Ready
Port Ethernet	10BASE-T
Number of segments	1 primary, maximum 6 extensions
Number of devices per segment	0...256
Transmission rate	10 Mbit/s 9842.5 ft (3000 m) with fiber optic connection 10 Mbit/s 0...328.08 ft (0...100 m) according to 802.3 standard 10 Mbit/s 0...3280.8 ft (0...1000 m) with ConneXium cabling system
Structure type	Industrial LAN

Complementary

Number of addressable I/O module	0...32 per island
Communication Service	SNMP agent Modbus TCP/IP messaging Embedded web (configuration,diagnostics and access to variable) BootP/DHCP protocol
[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	430 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 (Green) status 1 LED (Green) 10T 1 LED (Green) island state (RUN) 1 LED (Green) power supply (PWR) 1 LED (Red) module error (ERR) 1 LED (Yellow) test mode
Depth	2.8 in (70 mm)
Height	5.05 in (128.3 mm)
Width	1.6 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.

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

Product Weight	0.29 lb(US) (0.13 kg)
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Environment

Electromagnetic compatibility	Immunity to electromagnetic interference IEC 61131-2
Product Certifications	CSA UL FM Class 1 Division 2 ATEX Cat 3G C-tick
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	3595862055116
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.73 in (4.400 cm)
Package 1 Width	2.87 in (7.300 cm)
Package 1 Length	5.12 in (13.000 cm)
Package weight(Lbs)	5.750 oz (163.000 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	11.449 lb(US) (5.193 kg)

Contractual warranty

Warranty	18 months
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint	
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	F760fd97-89c1-4651-a374-9b8eff254b6a
REACH Regulation	REACH Declaration
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

Use Again

Repack and remanufacture	
Take-back	No

Dimensions Drawings

Dimensions

