

Product data sheet

Specifications



standard Network Interface Module STB - Interbus - 500 kbit/s

STBNIB2212

Product availability: Non-Stock - Not 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	Interbus InterBus Club 9-way male isolated RS485 SUB-D 1 twisted shielded pair input bus) Interbus InterBus Club 9-way female isolated RS485 SUB-D 1 twisted shielded pair output bus) Interbus InterBus Club HE-13 RS232 port) Interbus InterBus Club 8-way female RS232 port)
Number of segments	1 primary, maximum 6 extensions
Number of server device(s)	512
Transmission rate	500 kbit/s 0.0000000000...41994.8 ft (0...12800 m) for the bus between stations 500 kbit/s 0.0000000000...1312.3 ft (0...400 m) per bus segment between stations 500 kbit/s 0.0000000000...164.04 ft (0...50 m) for the installation bus
Structure type	Industrial field bus (Generation4)

Complementary

Number of addressable I/O module	0...32 per island
Communication Service	Implicit exchange of process data Logical addressing Diagnostics
[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
Maximum output impedance	0.05 Ohm 100000 kHz
Output voltage	5.25 V DC +/- 0.21 %)logic bus
marking	CE
Overvoltage category	II
Status LED	1 LED (Green) BA 1 LED (Green) island state (RUN) 1 LED (Green) power supply (PWR) 1 LED (Green) RC 1 LED (Red) module error (ERR) 1 LED (Red) RD 1 LED (Yellow) test mode
Depth	2.8 in (70 mm)

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

Height	1.6 in (40 mm)
Width	5.05 in (128.3 mm)
Net Weight	0.342 lb(US) (0.155 kg)

Environment

Electromagnetic compatibility	Immunity to electromagnetic interference IEC 61131-2
Product Certifications	CSA C-tick UL FM Class 1 Division 2 ATEX Cat 3G
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	3595862055147
Returnability	No
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	0.98 in (2.500 cm)
Package 1 Width	3.15 in (8.000 cm)
Package 1 Length	5.12 in (13.000 cm)
Package 1 Weight	6.279 oz (178.000 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	12.498 lb(US) (5.669 kg)

Contractual warranty

Warranty

18 months

Sustainability


Green Premium™ 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-CO₂ 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 >](#)

[How we assess product sustainability >](#)

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](#)

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

