Product data sheet

Specifications



To be discontinued

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

STBNIB2212

To be discontinued on: Dec 1, 2027

To be end-of-service on: Dec 31, 2035

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

Complementary

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
Structure type	Industrial field bus (Generation4)
Number of addressable I/O module	0…32 per island
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
Electromagnetic compatibility	Immunity to electromagnetic interference IEC 61131-2
Transmission Rate	500 kbit/s
Communication Service	Implicit exchange of process data Logical addressing Diagnostics
Power supply type	SELV
Local signalling	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
Height	1.6 in (40 mm)
Width	5.05 in (128.3 mm)
Depth	2.8 in (70 mm)
Product Weight	0.342 lb(US) (0.155 kg)

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

Environment

IP Degree of Protection	IP20
Marking	CE
Product certifications	CSA C-tick UL FM Class 1 Division 2 ATEX Cat 3G
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
Operating altitude	<= 6561.68 ft (2000 m)
Vibration resistance	3 gn 58…150 Hz) on 35 mm DIN rail 5 gn 58…150 Hz) on 35 mm DIN rail +/-0.35 mm 10…58 Hz)
Shock resistance	30 gn 11 msIEC 88 reference 2-27

Ordering and shipping details

Category	US1PC3218215
Discount Schedule	PC32
GTIN	3595862055147
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	0.984 in (2.500 cm)
Package 1 Width	3.150 in (8.000 cm)
Package 1 Length	5.118 in (13.000 cm)
Package weight(Lbs)	6.279 oz (178.000 g)
Unit Type of Package 2	S02
Number of Units in Package 2	30
Package 2 Height	5.906 in (15.000 cm)
Package 2 Width	11.811 in (30.000 cm)
Package 2 Length	15.748 in (40.000 cm)
Package 2 Weight	12.498 lb(US) (5.669 kg)

Contractual warranty

Warranty (in months)	18

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 >

Use Better

Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
SCIP Number	F760fd97-89c1-4651-a374-9b8eff254b6a
EU RoHS Directive	Compliant By Exemption
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
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 Longer

Lifetime extension

Repair	No

Use Again

Repack and remanufacture

Take-back	No

Dimensions Drawings

Dimensions

