Product datasheet

Specifications



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

Local distributor code:

389839280 STBNIB2212

To be discontinued on: 1 Dec 2027

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

To be discontinued

EAN Code: 3595862055147

Main

Range of product	Modicon STB distributed I/O solution
Product or component type	Standard Network Interface Module

Complementary

Integrated connection type	Interbus conforming to InterBus Club 9-way male isolated RS485 SUB-D 1 twisted shielded pair (input bus) Interbus conforming to InterBus Club 9-way female isolated RS485 SUB-D 1 twisted shielded pair (output bus) Interbus conforming to InterBus Club HE-13 (RS232 port) Interbus conforming to 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 for supply circuit
Nominal output current	0.575 A at 60…70 °C 1.2 A
Maximum output impedance	0.05 Ohm at 100000 kHz
Output voltage	5.25 V DC (tolerance: +/- 0.21 %) for logic bus
Electromagnetic compatibility	Immunity to electromagnetic interference conforming to 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 for BA 1 LED green for island state (RUN) 1 LED green for power supply (PWR) 1 LED green for RC 1 LED red for module error (ERR) 1 LED red for RD 1 LED yellow for test mode
Height	40 mm
Width	128.3 mm
Depth	70 mm
Net weight	0.155 kg

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	0…60 °C without derating -25…70 °C with derating factor
Ambient air temperature for storage	-40…85 °C
Relative humidity	95 % at 60 °C without condensation
Operating altitude	<= 2000 m
Vibration resistance	3 gn (f = 58…150 Hz) on 35 mm DIN rail 5 gn (f = 58…150 Hz) on 35 mm DIN rail +/-0.35 mm (f = 10…58 Hz)
Shock resistance	30 gn for 11 ms conforming to IEC 88 reference 2-27

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.500 cm
Package 1 Width	8.000 cm
Package 1 Length	13.000 cm
Package 1 Weight	178.000 g
Unit Type of Package 2	S02
Number of Units in Package 2	30
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	5.669 kg

Logistical informations

Country of origin	FR

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**

Use Again

Repack and remanufacture

Take-back	**No**

Dimensions Drawings

Dimensions

