

# STBNIB2212

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



### Main

Range of product	Modicon STB distributed I/O solution
Product or component type	Standard Network Interface Module
Integrated connection type	Interbus conforming to InterBus Club 8-way female (RS232 port) Interbus conforming to InterBus Club HE-13 (RS232 port) Interbus conforming to InterBus Club 9-way female isolated RS485 SUB-D 1 twisted shielded pair (output bus) Interbus conforming to InterBus Club 9-way male isolated RS485 SUB-D 1 twisted shielded pair (input bus)
Number of segments	1 primary, maximum 6 extensions
Number of slave	0...512
Transmission rate	500 kbit/s for bus length of 0...50 m for the installation bus 500 kbit/s for bus length of 0...400 m per bus segment between stations 500 kbit/s for bus length of 0...12800 m for the bus between stations
Structure type	Industrial field bus (Generation4)

### Complementary

Number of addressable I/O module	0...32 per island
Communication service	Diagnostics Implicit exchange of process data Logical addressing
[Us] rated supply voltage	24 V DC
Power supply type	SELV
Supply current	>= 700 mA
Supply voltage limits	19.2...30 V
Input current	430 mA for supply circuit
Nominal output current	0.575 A (60...70 °C) 1.2 A
Output impedance	<= 0.05 Ohm at 100000 kHz
Output voltage	5.25 V DC (tolerance: +/- 0.21 %) for logic bus
Marking	CE
Overvoltage category	II
Status LED	1 LED yellow for test mode 1 LED red for RD 1 LED red for module error (ERR) 1 LED green for RC 1 LED green for power supply (PWR) 1 LED green for island state (RUN) 1 LED green for BA
Depth	70 mm
Height	40 mm
Width	128.3 mm
Product weight	0.155 kg

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## Environment

Electromagnetic compatibility	Immunity to electromagnetic interference conforming to IEC 61131-2
Product certifications	ATEX Cat 3G CSA C-Tick FM Class 1 Division 2 UL
Pollution degree	2 conforming to IEC 60664-1
Operating altitude	<= 2000 m
IP degree of protection	IP20 conforming to EN 61131-2 class 1
Ambient air temperature for operation	-25...70 °C with derating factor 0...60 °C without derating
Ambient air temperature for storage	-40...85 °C
Relative humidity	95 % at 60 °C without condensation
Vibration resistance	5 gn (f = 58...150 Hz) on 35 x 15 mm symmetrical DIN rail 3 gn (f = 58...150 Hz) on 35 x 7.5 mm symmetrical DIN rail +/-0.35 mm (f = 10...58 Hz)
Shock resistance	30 gn for 11 ms conforming to IEC 88 reference 2-27

## Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Will be Compliant on 4Q2013

Dimensions

