

Product datasheet

Specifications



basic network interface module STB - Interbus - 500 kbit/s

STBNIB1010

⚠ Discontinued on: Sep 1, 2012

⚠ End-of-service on: Dec 31, 2023

⚠ Discontinued - Service only

Main

Range Of Product	Modicon STB distributed I/O solution
Product Or Component Type	Basic network interface module
Integrated Connection Type	Interbus conforming to InterBus Club 9-way male isolated RS485 SUB-D 1 twisted shielded pair (input bus)
Number Of Segments	1 primary
Number Of Server Device(S)	512
Transmission Rate	500 kbit/s for bus length of 0...12800 m for the bus between stations 500 kbit/s for bus length of 0...400 m per bus segment between stations 500 kbit/s for bus length of 0...50 m for the installation bus
Structure Type	Industrial field bus (Generation4)

Complementary

Number Of Addressable I/O Module	0...12 per island
Communication Service	Implicit exchange of process data Diagnostics Logical addressing
[Us] Rated Supply Voltage	24 V DC
Supply Voltage Limits	19.2...30 V
Input Current	400 mA for supply circuit
Nominal Output Current	1.2 A
Maximum Output Impedance	0.05 Ohm
Output Voltage	5.25 V DC (tolerance: +/- 0.21 %) for logic bus
Marking	CE
Overvoltage Category	II
Status Led	1 LED (green) CAN RUN 1 LED (green) island state (RUN) 1 LED (green) power supply (PWR) 1 LED (red) CAN ERR 1 LED (red) module error (ERR)
Depth	70 mm
Height	40 mm
Width	128.3 mm
Net Weight	0.155 kg

Environment

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

Electromagnetic Compatibility	Immunity to electromagnetic interference conforming to IEC 61131-2
Product Certifications	ATEX Cat 3G UL C-Tick CSA FM Class 1 Division 2
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	0...60 °C (without derating)
Ambient Air Temperature For Storage	-40...85 °C
Relative Humidity	95 % at 60 °C without condensation
Vibration Resistance	3 gn at 58...150 Hz on 35 x 7.5 mm symmetrical DIN rail 5 gn at 58...150 Hz on 35 x 15 mm symmetrical DIN rail +/-0.35 mm at 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	4.5 cm
Package 1 Width	7.3 cm
Package 1 Length	13.0 cm
Package 1 Weight	175.0 g

Contractual warranty

Warranty	18 months
----------	-----------

Dimensions Drawings

Dimensions

