

Product datasheet

Specifications



standard Network Interface Module STB - Ethernet modbus TCP/IP - 10...100 Mbits

Local distributor code:

398039039

STBNIP2311

⚠ To be discontinued on: 1 Dec 2027

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

⚠ To be discontinued

EAN Code: 3595864062273

Main

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

Complementary

Integrated connection type	Ethernet Modbus TCP/IP conforming to IEEE 802.3 2 female RJ45 double shielded twisted pair via Ethernet (network) Ethernet Modbus TCP/IP conforming to IEEE 802.3 HE-13 (RS232 port) Ethernet Modbus TCP/IP conforming to IEEE 802.3 8-way female (RS232 port)
Number of segments	1 primary, maximum 6 extensions
Structure type	Industrial LAN
Number of addressable I/O module	0...32 per island
Input current	550 mA for supply circuit
Nominal output current	0.575 A at 60...70 °C 1.2 A
Output voltage	5.25 V DC (tolerance: +/- 0.21 %) for logic bus
Exchange mode	Half or full duplex
Transmission rate	10/100 Mbit/s
Communication service	SNMP agent BootP/DHCP protocol Modbus TCP/IP messaging Embedded web (configuration,diagnostics and access to variable)
Power supply type	SELV
Local signalling	1 LED for ACT 1 LED for island state (RUN) 1 LED for module error (ERR) 1 LED for MS 1 LED for NS 1 LED for power supply (PWR) 1 LED for test mode (TEST)
Height	40.5 mm
Width	130 mm
Depth	70 mm
Product weight	0.145 kg

Environment

IP degree of protection	IP20
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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

Marking	CE
Product certifications	UL ODVA C-Tick ATEX Cat 3G CSA
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	4.300 cm
Package 1 Width	7.300 cm
Package 1 Length	13.000 cm
Package 1 Weight	171.000 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	5.450 kg

Logistical informations

Country of origin	FR
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Contractual warranty

Warranty (in months)	18
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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 >](#)



Environmental footprint

Environmental Disclosure

[Product Environmental Profile](#)

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 Longer



Lifetime extension

Repair

No

Use Again



Repack and remanufacture

Take-back

No

Dimensions Drawings

Dimensions

