

Product data sheet

Specifications



network interface module, Modicon STB, standard, Ethernet/IP, 10-100Mbit/s

STBNIC2212

Main

Range of product	Modicon STB distributed I/O solution
Product or component type	Standard Network Interface Module
Integrated connection type	Ethernet/IP conforming to IEEE 802.3 female RJ45 double shielded twisted pair via Ethernet (network) Ethernet/IP conforming to IEEE 802.3 HE-13 (RS232 port) Ethernet/IP conforming to IEEE 802.3 8-way female (RS232 port)
Port Ethernet	10BASE-T/100BASE-T
Exchange mode	Half or full duplex
Number of segments	1 primary, maximum 6 extensions
Number of devices per segment	0...256
Transmission rate	10/100 Mbit/s

Complementary

Number of addressable I/O module	0...32 per island
Communication service	Embedded web (configuration,diagnostics and access to variable) BootP/DHCP protocol SNMP agent
[Us] rated supply voltage	24 V DC
Power supply type	SELV
Maximum supply current	700 A
Supply voltage limits	19.2...30 V
Input current	430 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
Marking	CE
Overvoltage category	II
Status LED	1 LED ACT 1 LED island state (RUN) 1 LED module error (ERR) 1 LED MS 1 LED NS 1 LED power supply (PWR) 1 LED test mode (TEST)
Depth	70 mm
Height	40 mm
Width	128.3 mm

Net weight	0.145 kg
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Environment

Standards	FM Class 1 division 2, groups A, B, C and D T4A with 70 °C IEC 61131-2 : 2003
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Product certifications	UL ODVA C-Tick CSA
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Pollution degree	2 conforming to IEC 60664-1
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Operating altitude	<= 2000 m
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IP degree of protection	IP20 conforming to IEC 61131-2 class 1
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Ambient air temperature for operation	0...60 °C (without derating) -25...70 °C (with derating factor)
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Ambient air temperature for storage	-40...85 °C
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Relative humidity	95 % at 60 °C without condensation
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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
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Shock resistance	30 gn for 11 ms conforming to IEC 88 reference 2-27
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Packing Units

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Package 1 Height	4.300 cm
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Package 1 Width	7.200 cm
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Package 1 Length	13.000 cm
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Package 1 Weight	165.000 g
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Unit Type of Package 2	S02
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Number of Units in Package 2	30
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Package 2 Height	15.000 cm
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Package 2 Width	30.000 cm
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Package 2 Length	40.000 cm
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Package 2 Weight	5.345 kg
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Contractual warranty

Warranty	18 months
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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

[EU RoHS Directive](#)

Pro-active compliance (Product out of EU RoHS legal scope)

SCIP Number

F760fd97-89c1-4651-a374-9b8eff254b6a

REACH Regulation

[REACH Declaration](#)

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 Again

Repack and remanufacture

Take-back

No

Dimensions Drawings

Dimensions

