

# Product data sheet

Specifications



## standard Network Interface Module STB - DeviceNet - 125..500 kbit/s

STBNDN2212

### Main

Range Of Product	Modicon STB distributed I/O solution
Product Or Component Type	Standard Network Interface Module
Integrated Connection Type	DeviceNet conforming to Open DeviceNet Vendors Assoc 5-way male 1 twisted pair (network) DeviceNet conforming to Open DeviceNet Vendors Assoc HE-13 (RS232 port) DeviceNet conforming to Open DeviceNet Vendors Assoc 8-way female (RS232 port)
Number Of Segments	1 primary, maximum 6 extensions
Number Of Server Device(S)	64
Transmission Rate	125...500 kbit/s for bus length of 0...1200 m

### Complementary

Number Of Addressable I/O Module	0...32 per island
Communication Service	Island Bus Object (class ID101) DeviceNet Object (class ID3) Connection Object (class ID5)
[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
Maximum 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 (green) island state (RUN) 1 LED (green) MNSG 1 LED (green) MNSR 1 LED (green) power supply (PWR) 1 LED (red) module error (ERR) 1 LED (yellow) test mode
Depth	70 mm
Height	40 mm
Width	128.3 mm

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

Electromagnetic Compatibility	Immunity to electromagnetic interference conforming to IEC 61131-2
Product Certifications	FM Class 1 Division 2 CSA UL ATEX Cat 3G C-Tick
Pollution Degree	2 conforming to IEC 60664-1
Operating Altitude	<= 2000 m
Ip Degree Of Protection	IP20 conforming to IEC 61131-2 class 1
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
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	4.400 cm
Package 1 Width	7.200 cm
Package 1 Length	13.000 cm
Package 1 Weight	187.000 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	5.921 kg

# Contractual warranty

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

# Sustainability

**Green Premium™ label** is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.



[Learn more about Green Premium >](#)

[Guide to assess a product’s sustainability >](#)



Transparency

## Well-being performance

 Mercury Free	
 Rohs Exemption Information	<a href="#">Yes</a>
Reach Regulation	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	<a href="#">China RoHS declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

Dimensions Drawings

Dimensions

