

Product datasheet

Specifications



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

STBNDN2212

Price: 6,330.63 ZAR

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

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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
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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-CO₂ 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	Yes
Reach Regulation	REACH Declaration	
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)	
China Rohs Regulation	China RoHS declaration	
Environmental Disclosure	Product Environmental Profile	
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins	

Dimensions Drawings

Dimensions

