

Product data sheet

Specifications



standard Network Interface Module STB - Profibus DP - 9.6 kbit/s

STBNDP2212

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range Of Product	Modicon STB distributed I/O solution
Product Or Component Type	Standard Network Interface Module
Integrated Connection Type	Profibus DP DIN 19245 part 1 and 3 9-way female RS485 SUB-D 1 twisted shielded pair bus) Profibus DP DIN 19245 part 1 and 3 HE-13 RS232 port) Profibus DP DIN 19245 part 1 and 3 8-way female RS232 port)
Number Of Segments	1 primary, maximum 6 extensions
Number Of Server Device(S)	125
Transmission Rate	12 Mbit/s 0.00...2624.67 ft (0...800 m) with 3 repeaters 9.6 kbit/s 0.00...15748.03 ft (0...4800 m) with 3 repeaters 12 Mbit/s 0.00...656.17 ft (0...200 m) 9.6 kbit/s 0.00...3937.01 ft (0...1200 m)
Structure Type	Industrial field bus DP V.0

Complementary

Number Of Addressable I/O Module	0...32 per island
Communication Service	Diagnostics Read/write DP slave I/O data Configuration control Slave configuration
[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 supply circuit
Nominal Output Current	0.575 A 140...158 °F (60...70 °C) 1.2 A
Maximum Output Impedance	0.05 Ohm 100000 kHz
Output Voltage	5.25 V DC +/- 0.21 %)logic bus
Marking	CE
Overvoltage Category	II
Status Led	1 LED (Green) BUSFLT 1 LED (Green) island state (RUN) 1 LED (Green) power supply (PWR) 1 LED (Red) module error (ERR) 1 LED (Yellow) test mode
Depth	2.76 in (70 mm)
Height	1.57 in (40 mm)

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

Width	5.05 in (128.3 mm)
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Environment

Electromagnetic Compatibility	Immunity to electromagnetic interference IEC 61131-2
Product Certifications	C-tick CSA ATEX Cat 3G FM Class 1 Division 2 UL
Pollution Degree	2 IEC 60664-1
Operating Altitude	<= 6561.68 ft (2000 m)
Ip Degree Of Protection	IP20 conforming to IEC 61131-2 class 1
Ambient Air Temperature For Operation	32...140 °F (0...60 °C) without derating -13...158 °F (-25...70 °C) with derating factor)
Ambient Air Temperature For Storage	-40...185 °F (-40...85 °C)
Relative Humidity	95 % 140 °F (60 °C) without condensation
Vibration Resistance	3 gn 58...150 Hz 35 x 7.5 mm symmetrical DIN rail 5 gn 58...150 Hz 35 x 15 mm symmetrical DIN rail +/-0.35 mm 10...58 Hz
Shock Resistance	30 gn 11 ms IEC 88 reference 2-27

Ordering and shipping details

Category	US1PC3218215
Discount Schedule	PC32
Gtin	3595862055130
Returnability	Yes
Country Of Origin	FR

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	2.76 in (7.0 cm)
Package 1 Width	1.85 in (4.7 cm)
Package 1 Length	5.12 in (13.0 cm)
Package 1 Weight	6.24 oz (177.0 g)
Unit Type Of Package 2	S02
Number Of Units In Package 2	30
Package 2 Height	5.91 in (15.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	12.32 lb(US) (5.588 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.

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

Dimensions Drawings

Dimensions

