

Product data sheet

Specifications



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

STBNDP2212

⚠ To be discontinued on: Dec 1, 2027

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

⚠ To be discontinued

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

Complementary

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
Structure type	Industrial field bus DP V.0
Number of addressable I/O module	0...32 per island
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
Electromagnetic compatibility	Immunity to electromagnetic interference IEC 61131-2
Transmission Rate	12 Mbit/s
Communication Service	Diagnostics Read/write DP slave I/O data Configuration control Slave configuration
Power supply type	SELV
Local signalling	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
Height	1.6 in (40 mm)
Width	5.05 in (128.3 mm)
Depth	2.8 in (70 mm)

Environment

IP Degree of Protection	IP20
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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

Marking	CE
Product certifications	C-tick CSA ATEX Cat 3G FM Class 1 Division 2 UL
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
Operating altitude	<= 6561.68 ft (2000 m)
Vibration resistance	3 gn 58...150 Hz) on 35 mm DIN rail 5 gn 58...150 Hz) on 35 mm DIN rail +/-0.35 mm 10...58 Hz)
Shock resistance	30 gn 11 msIEC 88 reference 2-27

Ordering and shipping details

Category	US1PC3218215
Discount Schedule	PC32
GTIN	3595862055130
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.8 in (7.0 cm)
Package 1 Width	1.9 in (4.7 cm)
Package 1 Length	5.1 in (13.0 cm)
Package weight(Lbs)	6.2 oz (177.0 g)
Unit Type of Package 2	S02
Number of Units in Package 2	30
Package 2 Height	5.9 in (15.0 cm)
Package 2 Width	11.8 in (30.0 cm)
Package 2 Length	15.7 in (40.0 cm)
Package 2 Weight	12.319 lb(US) (5.588 kg)

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
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 Longer

Lifetime extension	
Repair	No

Use Again

Repack and remanufacture	
Take-back	No

Dimensions Drawings

Dimensions

