Product data sheet

Specifications



To be discontinued

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

STBNDN2212

To be discontinued on: Dec 1, 2027

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

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	DeviceNet Open DeviceNet Vendors Assoc 5-way male 1 twisted pair network) DeviceNet Open DeviceNet Vendors Assoc HE-13 RS232 port) DeviceNet Open DeviceNet Vendors Assoc 8-way female RS232 port)
Number of segments	1 primary, maximum 6 extensions
Number of server device(s)	64
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	125...500 kbit/s
Communication Service	Island Bus Object (class ID101) DeviceNet Object (class ID3) Connection Object (class ID5)
Power supply type	SELV
Local signalling	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
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
Marking	CE

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

Product certifications	FM Class 1 Division 2 CSA UL ATEX Cat 3G C-tick
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	3595862055123
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.732 in (4.400 cm)
Package 1 Width	2.835 in (7.200 cm)
Package 1 Length	5.118 in (13.000 cm)
Package weight(Lbs)	6.596 oz (187.000 g)
Unit Type of Package 2	S02
Number of Units in Package 2	30
Package 2 Height	5.906 in (15.000 cm)
Package 2 Width	11.811 in (30.000 cm)
Package 2 Length	15.748 in (40.000 cm)
Package 2 Weight	13.054 lb(US) (5.921 kg)

Contractual warranty

Warranty (in months)	18

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

