

# STBNDP2212

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

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 slave	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	BUSFLT 1 LED Green) Island state (RUN) 1 LED Green) Power supply (PWR) 1 LED Green) Module error (ERR) 1 LED Red) Test mode 1 LED Yellow)

Depth	2.76 In (70 mm)
Height	1.57 In (40 mm)
Width	5.05 In (128.3 mm)

## 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 EN 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	18215 - ADVANTYS STB I/O
Discount Schedule	PC32
GTIN	03595862055130
Nbr. of units in pkg.	1
Package weight(Lbs)	6.31 Oz (179 g)
Returnability	No
Country of origin	FR

## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.85 In (4.7 cm)
Package 1 width	2.76 In (7 cm)
Package 1 Length	5.12 In (13 cm)
Unit Type of Package 2	S02
Number of Units in Package 2	30
Package 2 Weight	12.35 Lb(US) (5.6 kg)
Package 2 Height	5.91 In (15 cm)
Package 2 width	11.81 In (30 cm)
Package 2 Length	15.75 In (40 cm)

## Offer Sustainability

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>
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>

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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.

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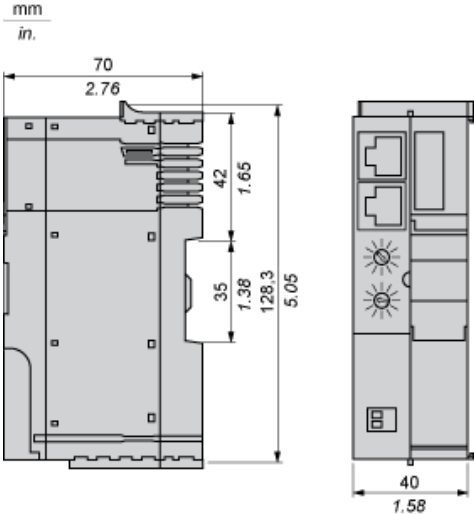
**Contractual warranty**

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Warranty	18 months
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Dimensions



Product Life Status : Commercialised