

# Product data sheet

Specifications



## network interface module, Modicon STB, standard, Fipio, 1Mbps

STBNFP2212

**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	Fipio EN 50170, vol3, part 1-3, 2-3, 3-3, 5-3, 6-3,7-3 9-way male SUB-D connector 1 twisted shielded pair bus) Fipio EN 50170, vol3, part 1-3, 2-3, 3-3, 5-3, 6-3,7-3 HE-13 RS232 port) Fipio EN 50170, vol3, part 1-3, 2-3, 3-3, 5-3, 6-3,7-3 8-way female RS232 port)
Number of segments	1 primary, maximum 6 extensions
Number of devices per segment	0...128 all segment 0...32 per segment
Transmission rate	1 Mbit/s 0.000000000...3280.8 ft (0... 1000 m) per segment
Structure type	Open industrial fieldbus

### Complementary

Number of addressable I/O module	0...32 per island
Communication Service	FSD FDR FED Periodic I/O exchanges Point to point message
[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
Output voltage	5.25 V DC +/- 0.21 %)logic bus
marking	CE
Overvoltage category	II
Status LED	1 LED (Green) FIPRUN 1 LED (Green) island state (RUN) 1 LED (Green) power supply (PWR) 1 LED (Red) FIPERR 1 LED (Red) module error (ERR) 1 LED (Yellow) test mode
Depth	2.8 in (70 mm)
Height	1.6 in (40 mm)
Width	5.05 in (128.3 mm)

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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Net Weight	0.320 lb(US) (0.145 kg)
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## Environment

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Electromagnetic compatibility	Immunity to electromagnetic interference IEC 61131-2
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Product Certifications	CSA C-tick ATEX Cat 3G UL FM Class 1 Division 2
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Pollution degree	2 IEC 60664-1
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Operating altitude	<= 6561.68 ft (2000 m)
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IP degree of protection	IP20 conforming to IEC 61131-2 class 1
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Ambient air temperature for operation	32...140 °F (0...60 °C) without derating) -13...158 °F (-25...70 °C) with derating factor)
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Ambient Air Temperature for Storage	-40...185 °F (-40...85 °C)
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Relative humidity	95 % 140 °F (60 °C) without condensation
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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
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Shock resistance	30 gn 11 ms IEC 88 reference 2-27
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## Ordering and shipping details

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Category	US1PC3218215
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Discount Schedule	PC32
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GTIN	3595862054997
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Returnability	No
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Country of origin	US
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## Packing Units

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Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Package 1 Height	1.73 in (4.400 cm)
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Package 1 Width	2.87 in (7.300 cm)
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Package 1 Length	5.16 in (13.100 cm)
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Package 1 Weight	6.208 oz (176.000 g)
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Unit Type of Package 2	S02
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Number of Units in Package 2	30
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Package 2 Height	5.91 in (15.000 cm)
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Package 2 Width	11.81 in (30.000 cm)
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Package 2 Length	15.75 in (40.000 cm)
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Package 2 Weight	12.300 lb(US) (5.579 kg)
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## Contractual warranty

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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-CO<sub>2</sub> 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 >](#)

[How we assess product 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](http://www.P65Warnings.ca.gov)

Scip Number F760fd97-89c1-4651-a374-9b8eff254b6a

Dimensions Drawings

Dimensions

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