

Product data sheet

Specifications



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

STBNFP2212

⚠ 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	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
Structure type	Open industrial fieldbus
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
Output voltage	5.25 V DC +/- 0.21 % logic bus
Electromagnetic compatibility	Immunity to electromagnetic interference IEC 61131-2
Transmission Rate	1 Mbit/s
Communication Service	FSD FDR FED Periodic I/O exchanges Point to point message
Power supply type	SELV
Local signalling	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
Height	1.6 in (40 mm)
Width	5.05 in (128.3 mm)
Depth	2.8 in (70 mm)
Product Weight	0.320 lb(US) (0.145 kg)

Environment

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

IP Degree of Protection	IP20
Marking	CE
Product certifications	CSA C-tick ATEX Cat 3G UL FM Class 1 Division 2
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	3595862054997
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	2.874 in (7.300 cm)
Package 1 Length	5.157 in (13.100 cm)
Package weight(Lbs)	6.208 oz (176.000 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	12.300 lb(US) (5.579 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

