

Product datasheet

Specifications



standard Network Interface Module STB - Modbus Plus - 1 Mbit/s

Local distributor code:
389839303 STBNMP2212

⚠ To be discontinued on: 1 Dec 2027

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

⚠ To be discontinued

EAN Code: 3595862055109

Main

Range of product	Modicon STB distributed I/O solution
Product or component type	Standard Network Interface Module

Complementary

Integrated connection type	Modbus Plus conforming to modbus.org 9-way female SUB-D connector 1 twisted pair (network) Modbus Plus conforming to modbus.org HE-13 (RS232 port) Modbus Plus conforming to modbus.org 8-way female (RS232 port)
Number of segments	1 primary, maximum 6 extensions
Number of devices per segment	0...32 per segment 0...64 all segment
Structure type	Industrial LAN Industrial LAN
Number of addressable I/O module	0...32 per island
Input current	430 mA for supply circuit
Nominal output current	0.575 A at 60...70 °C 1.2 A
Output voltage	5.25 V DC (tolerance: +/- 0.21 %) for logic bus
Electromagnetic compatibility	Immunity to electromagnetic interference conforming to IEC 61131-2
Transmission rate	1 Mbit/s
Communication service	Global Data Peer cop dialogue Peer to peer dialogue
Power supply type	SELV
Local signalling	1 LED green for island state (RUN) 1 LED green for power supply (PWR) 1 LED red for module error (ERR) 1 LED yellow for MB+ 1 LED yellow for test mode
Height	40 mm
Width	128.3 mm
Depth	70 mm
Product weight	0.145 kg

Environment

IP degree of protection	IP20
-------------------------	------

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	CSA UL FM Class 1 Division 2 C-Tick ATEX Cat 3G
Ambient air temperature for operation	0...60 °C without derating -25...70 °C with derating factor
Ambient air temperature for storage	-40...85 °C
Relative humidity	95 % at 60 °C without condensation
Operating altitude	<= 2000 m
Vibration resistance	3 gn (f = 58...150 Hz) on 35 mm DIN rail 5 gn (f = 58...150 Hz) on 35 mm DIN rail +/-0.35 mm (f = 10...58 Hz)
Shock resistance	30 gn for 11 ms conforming to IEC 88 reference 2-27

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.500 cm
Package 1 Width	7.400 cm
Package 1 Length	13.400 cm
Package 1 Weight	179.000 g
Unit Type of Package 2	S02
Number of Units in Package 2	30
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	5.694 kg

Logistical informations

Country of origin	FR
-------------------	----

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 >](#)

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

Use Longer

Lifetime extension	
Repair	No

Use Again

Repack and remanufacture	
Take-back	No

Dimensions Drawings

Dimensions

