

Product datasheet

Specifications



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

Local distributor code:

389839303

STBNMP2212

EAN Code: 3595862055109

Main

Range of product	Modicon STB distributed I/O solution
Product or component type	Standard Network Interface Module
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
Transmission rate	1 Mbit/s for bus length of 0...1800 m per segment with 3 repeaters 1 Mbit/s for bus length of 0...450 m per segment
Structure type	Industrial LAN

Complementary

Number of addressable I/O module	0...32 per island
Communication service	Global Data Peer cop dialogue Peer to peer dialogue
[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 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
Marking	CE
Overvoltage category	II
Status LED	1 LED (green) island state (RUN) 1 LED (green) power supply (PWR) 1 LED (red) module error (ERR) 1 LED (yellow) MB+ 1 LED (yellow) test mode
Depth	70 mm
Height	40 mm
Width	128.3 mm
Net weight	0.145 kg

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

Environment

Electromagnetic compatibility	Immunity to electromagnetic interference conforming to IEC 61131-2
Product certifications	CSA UL FM Class 1 Division 2 C-Tick ATEX Cat 3G
Pollution degree	2 conforming to IEC 60664-1
Operating altitude	<= 2000 m
IP degree of protection	IP20 conforming to IEC 61131-2 class 1
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
Vibration resistance	3 gn at 58...150 Hz on 35 x 7.5 mm symmetrical DIN rail 5 gn at 58...150 Hz on 35 x 15 mm symmetrical DIN rail +/-0.35 mm at 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
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Contractual warranty

Warranty	18 months
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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
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	F760fd97-89c1-4651-a374-9b8eff254b6a
REACH Regulation	REACH Declaration

Use Again

 Repack and remanufacture	
Take-back	No
WEEE	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Dimensions Drawings

Dimensions

