

STBNMP2212

network interface module, Modicon STB,
standard, Modbus Plus 1Mbit/s



Main

Range of Product	Modicon STB distributed I/O solution
Product or Component Type	Standard Network Interface Module
Integrated connection type	Modbus Plus modbus.org 9-way female SUB-D connector 1 twisted pair network) Modbus Plus modbus.org HE-13 RS232 port) Modbus Plus 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 0.00...5905.51 ft (0...1800 m) per segment with 3 repeaters 1 Mbit/s 0.00...1476.38 ft (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 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) 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	2.76 in (70 mm)
Height	1.57 in (40 mm)
Width	5.05 in (128.3 mm)
Net Weight	0.32 lb(US) (0.145 kg)

Environment

Electromagnetic compatibility	Immunity to electromagnetic interference IEC 61131-2
Product Certifications	CSA[RETURN]UL[RETURN]FM Class 1 Division 2[RETURN]C-tick[RETURN]ATEX Cat 3G
Pollution degree	2 IEC 60664-1
Operating altitude	<= 6561.68 ft (2000 m)
IP degree of protection	IP20 conforming to IEC 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	3595862055109
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.77 in (4.500 cm)
Package 1 Width	2.91 in (7.400 cm)
Package 1 Length	5.28 in (13.400 cm)
Package 1 Weight	6.31 oz (179.000 g)
Unit Type of Package 2	S02
Number of Units in Package 2	30
Package 2 Height	5.91 in (15.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	12.55 lb(US) (5.694 kg)

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 www.P65Warnings.ca.gov
REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Contractual warranty

Warranty	18 months
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Dimensions

