

STBNMP2212

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

Product availability : Stock - 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	Modbus Plus conforming to modbus.org HE-13 (RS232 port) Modbus Plus conforming to modbus.org 8-way female (RS232 port) Modbus Plus conforming to modbus.org 9-way female SUB-D connector 1 twisted pair (network)
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...1476.38 ft (0...450 m) per segment 1 Mbit/s for bus length of 0...5905.51 ft (0...1800 m) per segment with 3 repeaters
Structure type	Industrial LAN

Complementary

Number of addressable I/O module	0...32 per island
Communication service	Peer cop dialogue Global Data Peer to peer dialogue
[Us] rated supply voltage	24 V DC
Power supply type	SELV
Supply current	>= 700 mA
Supply voltage limits	19.2...30 V
Input current	430 mA for supply circuit
Nominal output current	1.2 A 0.575 A (140...158 °F (60...70 °C))
Output voltage	5.25 V DC (tolerance: +/- 0.21 %) logic bus
Marking	CE
Overvoltage category	II
Status LED	1 LED red module error (ERR) 1 LED green island state (RUN)

1 LED green power supply (PWR)
1 LED yellow test mode
1 LED yellow MB+

Depth	2.76 in (70 mm)
Height	1.57 in (40 mm)
Width	5.05 in (128.3 mm)
Product weight	0.32 lb(US) (0.145 kg)

Environment

Electromagnetic compatibility	Immunity to electromagnetic interference conforming to IEC 61131-2
Product certifications	C-Tick CSA UL ATEX Cat 3G FM Class 1 Division 2
Pollution degree	2 conforming to IEC 60664-1
Operating altitude	<= 6561.68 ft (2000 m)
IP degree of protection	IP20 conforming to EN 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 % at 140 °F (60 °C) without condensation
Vibration resistance	+/-0.35 mm (f = 10...58 Hz) 5 gn (f = 58...150 Hz) on 35 x 15 mm symmetrical DIN rail 3 gn (f = 58...150 Hz) on 35 x 7.5 mm symmetrical DIN rail
Shock resistance	30 gn 11 ms conforming to IEC 88 reference 2-27

Ordering and shipping details

Category	18215 - ADVANTYS STB I/O
Discount Schedule	PC32
GTIN	00785901509455
Nbr. of units in pkg.	1
Package weight(Lbs)	0.40000000000000002
Returnability	Y
Country of origin	FR

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Will be compliant on 4Q2013 Will be compliant on 4Q2013

Contractual warranty

Warranty period	18 months
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