Product data sheet
Characteristics

STBNIP2212
standard Network Interface Module STB - Ethernet - 10 Mbit/s

Main

Range of product	Modicon STB distributed I/O solution
Product or component type	Standard Network Interface Module
Concept	Transparent Ready
Port Ethernet	10BASE-T
Number of segments	1 primary, maximum 6 extensions
Number of devices per segment	0...256
Transmission rate	10 Mbit/s for bus length of 0...100 m according to 802.3 standard 10 Mbit/s for bus length of 0...1000 m with ConneXium cabling system 10 Mbit/s for bus length of >= 3000 m with fiber optic connection
Structure type	Industrial LAN

Complementary

Number of addressable I/O module	0...32 per island
Communication service	BootP/DHCP protocol Embedded web (configuration,diagnostics and access to variable) Modbus TCP/IP messaging SNMP agent
[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 (60...70 °C)
Output voltage	5.25 V DC (tolerance: +/- 0.21 %) for logic bus
Marking	CE
Overvoltage category	II
Status LED	1 LED red for module error (ERR) 1 LED green for island state (RUN) 1 LED green for power supply (PWR)

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1 LED yellow for test mode
1 LED green for 10T
1 LED green for status

Depth	70 mm
Height	40 mm
Width	128.3 mm
Product weight	0.13 kg

Environment

Electromagnetic compatibility	Immunity to electromagnetic interference conforming to IEC 61131-2
Product certifications	UL ATEX Cat 3G CSA FM Class 1 Division 2 C-Tick
Pollution degree	2 conforming to IEC 60664-1
Operating altitude	<= 2000 m
IP degree of protection	IP20 conforming to EN 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	+/-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 for 11 ms conforming to IEC 88 reference 2-27

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0834 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available Product environmental

Contractual warranty

Warranty period	18 months

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Dimensiones