Product datasheet
Characteristics

STBNIC2212
standard Network Interface Module STB - Ethernet/IP - 10...100 Mbit/s
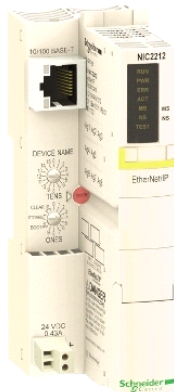
Main

Range of product	Modicon STB distributed I/O solution
Product or component type	Standard Network Interface Module
Integrated connection type	Ethernet/IP conforming to IEEE 802.3 female RJ45 double shielded twisted pair via Ethernet (network) Ethernet/IP conforming to IEEE 802.3 HE-13 (RS232 port) Ethernet/IP conforming to IEEE 802.3 8-way female (RS232 port)
Port Ethernet	10BASE-T/100BASE-T
Exchange mode	Half or full duplex
Number of segments	1 primary, maximum 6 extensions
Number of devices per segment	0...256
Transmission rate	10/100 Mbit/s

Complementary

Number of addressable I/O module	0...32 per island
Communication service	BootP/DHCP protocol Embedded web (configuration,diagnostics and access to variable) 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 for island state (RUN) 1 LED for power supply (PWR) 1 LED for module error (ERR) 1 LED for ACT 1 LED for MS 1 LED for NS 1 LED for test mode (TEST)
Depth	70 mm
Height	40 mm
Width	128.3 mm
Product weight	0.145 kg

Environment

standards	FM Class 1 division 2, groups A, B, C and D T4A with 70 °C IEC 61131-2 : 2003
product certifications	CSA C-Tick ODVA UL
pollution degree	2 conforming to IEC 60664-1
operating altitude	<= 2000 m
IP degree of protection	IP20 conforming to EN 61131-2 class 1

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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 0831 - Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold
Product environmental profile	Available

Dimensions