Product datasheet

Specifications

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

STBNIP2212

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 3000 m with fiber optic connection 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
Structure type	Industrial LAN

Complementary

Number of addressable I/O module	0…32 per island
Communication service	SNMP agent Modbus TCP/IP messaging Embedded web (configuration,diagnostics and access to variable) BootP/DHCP protocol
[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) status 1 LED (green) 10T 1 LED (green) island state (RUN) 1 LED (green) power supply (PWR) 1 LED (red) module error (ERR) 1 LED (yellow) test mode
Depth	70 mm
Height	128.3 mm

Width	40.5 mm
Net weight	0.13 kg

Environment

Electromagnetic compatibility	Immunity to electromagnetic interference conforming to IEC 61131-2
Product certifications	CSA UL FM Class 1 Division 2 ATEX Cat 3G 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	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	4.400 cm
Package 1 Width	7.300 cm
Package 1 Length	13.000 cm
Package 1 Weight	165.000 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	5.193 kg

Offer Sustainability

REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

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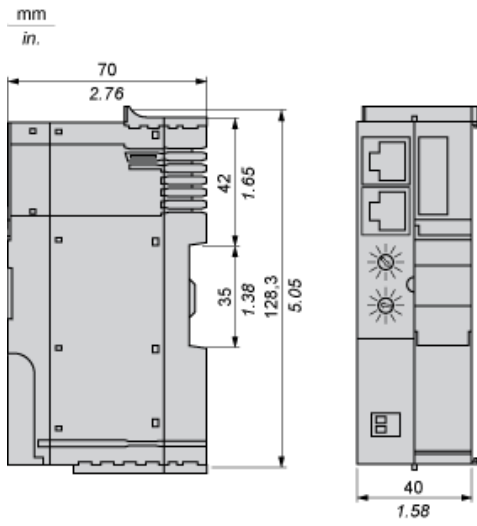
Contractual warranty

Warranty   18 months

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Dimensions

Recommended replacement(s)