STBNFP2212
standard Network Interface Module STB - Fipio - 1 Mbit/s

Main

Range of product	Modicon STB distributed I/O solution
Product or component type	Standard Network Interface Module
Integrated connection type	Fipio conforming to EN 50170, vol3, part 1-3, 2-3, 3-3, 5-3, 6-3,7-3 8-way female (RS232 port) Fipio conforming to EN 50170, vol3, part 1-3, 2-3, 3-3, 5-3, 6-3,7-3 HE-13 (RS232 port) Fipio conforming to EN 50170, vol3, part 1-3, 2-3, 3-3, 5-3, 6-3,7-3 9-way male SUB-D connector 1 twisted shielded pair (bus)
Number of segments	1 primary, maximum 6 extensions
Number of devices per segment	0...32
Number of devices	0...128
Transmission rate	1 Mbit/s for bus length of 0...1000 m per segment
Structure type	Open industrial fieldbus

Complementary

Number of addressable I/O module	0...32 per island
Communication service	FDR FED FSD Periodic I/O exchanges Point to point message
[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	0.575 A (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 yellow for test mode 1 LED red for module error (ERR) 1 LED red for FIPERR 1 LED green for power supply (PWR) 1 LED green for island state (RUN) 1 LED green for FIPRUN
Depth	70 mm
Height	40 mm
Width	128.3 mm
Product weight	0.145 kg

Environment

Electromagnetic compatibility	Immunity to electromagnetic interference conforming to IEC 61131-2
Product certifications	ATEX Cat 3G CSA C-Tick FM Class 1 Division 2 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
Ambient air temperature for operation	-25...70 °C with derating factor 0...60 °C without derating
Ambient air temperature for storage	-40...85 °C
Relative humidity	95 % at 60 °C without condensation
Vibration resistance	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 +/-0.35 mm (f = 10...58 Hz)
Shock resistance	30 gn for 11 ms conforming to IEC 88 reference 2-27

Dimensions