

STBNFP2212

standard Network Interface Module STB - Fipio - 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	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 8-way female (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...128 all segment 0...32 per segment
Transmission rate	1 Mbit/s for bus length of 0...3280.84 ft (0...1000 m) per segment
Structure type	Open industrial fieldbus

Complementary

Number of addressable I/O module	0...32 per island
Communication service	Periodic I/O exchanges FED FDR FSD 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	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 red FIPERR 1 LED green FIPRUN
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	ATEX Cat 3G C-Tick FM Class 1 Division 2 CSA UL
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	00785901509264
Nbr. of units in pkg.	1
Package weight(Lbs)	0.39000000000000001
Returnability	N
Country of origin	FR

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0826 - 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

Contractual warranty

Warranty period	18 months
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