Product datasheet

Specifications



To be discontinued

standard Network Interface Module STB - Profibus DP - 9.6 kbit/s

Local distributor code:

389842413 STBNDP2212

To be discontinued on: 1 Dec 2027

To be end-of-service on: 31 Dec 2035

EAN Code: 3595862055130

Main

Range of product	Modicon STB distributed I/O solution
Product or component type	Standard Network Interface Module

Complementary

Integrated connection type	Profibus DP conforming to DIN 19245 part 1 and 3 9-way female RS485 SUB-D 1 twisted shielded pair (bus) Profibus DP conforming to DIN 19245 part 1 and 3 HE-13 (RS232 port) Profibus DP conforming to DIN 19245 part 1 and 3 8-way female (RS232 port)
Number of segments	1 primary, maximum 6 extensions
Number of server device(s)	125
Structure type	Industrial field bus DP V.0
Number of addressable I/O module	0…32 per island
Input current	430 mA for supply circuit
Nominal output current	0.575 A at 60…70 °C 1.2 A
Maximum output impedance	0.05 Ohm at 100000 kHz
Output voltage	5.25 V DC (tolerance: +/- 0.21 %) for logic bus
Electromagnetic compatibility	Immunity to electromagnetic interference conforming to IEC 61131-2
Transmission rate	12 Mbit/s
Communication service	Diagnostics Read/write DP slave I/O data Configuration control Slave configuration
Power supply type	SELV
Local signalling	1 LED green for BUSFLT 1 LED green for island state (RUN) 1 LED green for power supply (PWR) 1 LED red for module error (ERR) 1 LED yellow for test mode
Height	40 mm
Width	128.3 mm
Depth	70 mm

Environment

IP degree of protection	IP20
Marking	CE

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Product certifications	C-Tick CSA ATEX Cat 3G FM Class 1 Division 2 UL
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
Operating altitude	<= 2000 m
Vibration resistance	3 gn (f = 58…150 Hz) on 35 mm DIN rail 5 gn (f = 58…150 Hz) on 35 mm DIN rail +/-0.35 mm (f = 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	7.0 cm
Package 1 Width	4.7 cm
Package 1 Length	13.0 cm
Package 1 Weight	177.0 g
Unit Type of Package 2	S02
Number of Units in Package 2	30
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	5.588 kg

Logistical informations

Country of origin	FR

Contractual warranty

Warranty (in months)	18

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
SCIP Number	F760fd97-89c1-4651-a374-9b8eff254b6a
EU RoHS Directive	Compliant By Exemption
REACh Regulation	Reference contains Substances of Very High Concern above the threshold

Use Again

Repack and remanufacture

Take-back	No

Dimensions Drawings

Dimensions

