

standard Network Interface Module STB - DeviceNet - 125..500 kbit/s

STBNDN2212

Main

Range of product	Modicon STB distributed I/O solution	
Product or component type	Standard Network Interface Module	
Integrated connection type	DeviceNet conforming to Open DeviceNet Vendors Assoc 5-way male 1 twisted pair (network) DeviceNet conforming to Open DeviceNet Vendors Assoc HE-13 (RS232 port) DeviceNet conforming to Open DeviceNet Vendors Assoc 8-way female (RS232 port)	
Number of segments	1 primary, maximum 6 extensions	
Number of server device(s)	64	
Transmission rate	125500 kbit/s for bus length of 01200 m	

Complementary

Number of addressable I/O module	032 per island	
Communication service	Island Bus Object (class ID101) DeviceNet Object (class ID3) Connection Object (class ID5)	
[Us] rated supply voltage	24 V DC	
Power supply type	SELV	
Maximum supply current	700 A	
Supply voltage limits	19.230 V	
Input current	430 mA for supply circuit	
Nominal output current	0.575 A at 6070 °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	
Marking	CE	
Overvoltage category	II	
Status LED	1 LED (green) island state (RUN) 1 LED (green) MNSG 1 LED (green) MNSR 1 LED (green) power supply (PWR) 1 LED (red) module error (ERR) 1 LED (yellow) test mode	
Depth	70 mm	
Height	40 mm	
Width	128.3 mm	

Environment

Electromagnetic compatibility	Immunity to electromagnetic interference conforming to IEC 61131-2	
Product certifications	FM Class 1 Division 2	
	CSA	
	UL	
	ATEX Cat 3G	
	C-Tick	
Pollution degree	2 conforming to IEC 60664-1	
Operating altitude	<= 2000 m	
IP degree of protection	IP20 conforming to IEC 61131-2 class 1	
Ambient air temperature for operation	060 °C (without derating)	
	-2570 °C (with derating factor)	
Ambient air temperature for storage	-4085 °C	
Relative humidity	95 % at 60 °C without condensation	
Vibration resistance	3 gn at 58150 Hz on 35 x 7.5 mm symmetrical DIN rail	
	5 gn at 58150 Hz on 35 x 15 mm symmetrical DIN rail	
	+/-0.35 mm at 1058 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	7.200 cm
Package 1 Length	13.000 cm
Package 1 Weight	187.000 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	5.921 kg

Contractual warranty

Warranty 18 months



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 footpring	Ŀ
-------------------------	---

Environmental Disclosure

Product Environmental Profile

Use Better

⊗ Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	F760fd97-89c1-4651-a374-9b8eff254b6a
REACh Regulation	REACh Declaration

Use Again

○ Repack and remanufacture		
Take-back	No	
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins	

Product datasheet

STBNDN2212

Dimensions Drawings

Dimensions

