Product data sheet

Specifications



To be discontinued

network interface module, Modicon STB, standard, CANopen bus, 1Mbps

STBNCO2212

To be discontinued on: Dec 1, 2027

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

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range of Product	Modicon STB distributed I/O solution
Product or Component Type	Standard Network Interface Module

Complementary

Integrated connection type	CANopen bus CIA DS-301 9-way male SUB-D connector double shielded twisted pair bus) CANopen bus CIA DS-301 HE-13 RS232 port) CANopen bus CIA DS-301 8-way female RS232 port)
Number of segments	1 primary, maximum 6 extensions
Number of server device(s)	127
Structure type	CAN field bus
Number of addressable I/O module	0…32 per island
Input current	430 mA supply circuit
Nominal output current	0.575 A 140…158 °F (60…70 °C) 1.2 A
Output voltage	5.25 V DC +/- 0.21 %)logic bus
Electromagnetic compatibility	Immunity to electromagnetic interference IEC 61131-2
Transmission Rate	1 Mbit/s
Communication Service	Service Data Object (SDO) Network management (NMT) Process Data Object (PDO)
Power supply type	SELV
Local signalling	1 LED green CAN RUN 1 LED green island state (RUN) 1 LED green power supply (PWR) 1 LED red CAN ERR 1 LED red module error (ERR) 1 LED yellow test mode
Height	1.6 in (40 mm)
Width	5.05 in (128.3 mm)
Depth	2.8 in (70 mm)
Product Weight	0.298 lb(US) (0.135 kg)

Environment

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

IP Degree of Protection	IP20
Marking	CE
Product certifications	ATEX Cat 3G FM Class 1 Division 2 CSA UL C-tick
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 % 140 °F (60 °C) without condensation
Operating altitude	<= 6561.68 ft (2000 m)
Vibration resistance	3 gn 58…150 Hz) on 35 mm DIN rail 5 gn 58…150 Hz) on 35 mm DIN rail +/-0.35 mm 10…58 Hz)
Shock resistance	30 gn 11 msIEC 88 reference 2-27

Ordering and shipping details

Category	US1PC3218215
Discount Schedule	PC32
GTIN	3595862055154
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.693 in (4.300 cm)
Package 1 Width	2.835 in (7.200 cm)
Package 1 Length	5.118 in (13.000 cm)
Package weight(Lbs)	5.961 oz (169.000 g)
Unit Type of Package 2	S02
Number of Units in Package 2	30
Package 2 Height	5.906 in (15.000 cm)
Package 2 Width	11.811 in (30.000 cm)
Package 2 Length	15.748 in (40.000 cm)
Package 2 Weight	12.434 lb(US) (5.640 kg)

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
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Use Longer

Lifetime extension

Repair	No

Use Again

Repack and remanufacture

Take-back	No

Dimensions Drawings

Dimensions

