

Product data sheet

Specifications



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

STBNCO2212

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
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
Transmission rate	1 Mbit/s 98.4 ft (30 m) 10 kbit/s 16404.2 ft (5000 m)
Structure type	CAN field bus

Complementary

Number of addressable I/O module	0...32 per island
Communication Service	Service Data Object (SDO) Network management (NMT) Process Data Object (PDO)
[Us] rated supply voltage	24 V DC
power supply type	SELV
Maximum supply current	700 A
Supply voltage limits	19.2...30 V
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
marking	CE
Overvoltage category	II
Status LED	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
Depth	2.8 in (70 mm)
Height	1.6 in (40 mm)
Width	5.05 in (128.3 mm)
Net Weight	0.298 lb(US) (0.135 kg)

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

Environment

Electromagnetic compatibility	Immunity to electromagnetic interference IEC 61131-2
Product Certifications	ATEX Cat 3G FM Class 1 Division 2 CSA UL C-tick
Pollution degree	2 IEC 60664-1
Operating altitude	<= 6561.68 ft (2000 m)
IP degree of protection	IP20 conforming to IEC 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 % 140 °F (60 °C) without condensation
Vibration resistance	3 gn 58...150 Hz 35 x 7.5 mm symmetrical DIN rail 5 gn 58...150 Hz 35 x 15 mm symmetrical DIN rail +/-0.35 mm 10...58 Hz
Shock resistance	30 gn 11 ms IEC 88 reference 2-27

Ordering and shipping details

Category	US1PC3218215
Discount Schedule	PC32
GTIN	3595862055154
Returnability	Yes
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.69 in (4.300 cm)
Package 1 Width	2.83 in (7.200 cm)
Package 1 Length	5.12 in (13.000 cm)
Package 1 Weight	5.961 oz (169.000 g)
Unit Type of Package 2	S02
Number of Units in Package 2	30
Package 2 Height	5.91 in (15.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	12.434 lb(US) (5.640 kg)

Contractual warranty

Warranty	18 months
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Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[How we assess product sustainability >](#)



Transparency

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Pro-active compliance (Product out of EU RoHS legal scope)

China Rohs Regulation [China RoHS declaration](#)

Environmental Disclosure [Product Environmental Profile](#)

Weee The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

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

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Dimensions Drawings

Dimensions

