Product data sheet

Specifications



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

STBNCO2212

Main

Range of product	Modicon STB distributed I/O solution
Product or component type	Standard Network Interface Module
Integrated connection type	CANopen bus conforming to CIA DS-301 9-way male SUB-D connector double shielded twisted pair (bus) CANopen bus conforming to CIA DS-301 HE-13 (RS232 port) CANopen bus conforming to CIA DS-301 8-way female (RS232 port)
Number of segments	1 primary, maximum 6 extensions
Number of slave	127
Transmission rate	1 Mbit/s for bus length of 30 m 10 kbit/s for bus length of 5000 m
Structure type	CAN field bus

032 per island
Service Data Object (SDO) Network management (NMT) Process Data Object (PDO)
24 V DC
SELV
700 A
19.230 V
430 mA for supply circuit
0.575 A at 6070 °C 1.2 A
5.25 V DC (tolerance: +/- 0.21 %) for logic bus
CE
II
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
70 mm

Height

40 mm

Width	128.3 mm
Product weight	0.135 kg
Environment	
Electromagnetic compatibility	Immunity to electromagnetic interference conforming to IEC 61131-2
Product certifications	ATEX Cat 3G FM Class 1 Division 2 CSA UL C-Tick
Pollution degree	2 conforming to IEC 60664-1
Operating altitude	<= 2000 m
IP degree of protection	IP20 conforming to EN 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	4.300 cm
Package 1 Width	7.200 cm
Package 1 Length	13.000 cm
Package 1 Weight	169.000 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	5.640 kg
Offer Sustainability	DEACh Declaration
REACh Regulation EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Moroury froe	Yes
Mercury free China PoHS Pagulation	
China RoHS Regulation RoHS exemption information	China RoHS declaration Yes
Environmental Disclosure	
WEEE	Product Environmental Profile 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

Contractual warranty

Warranty

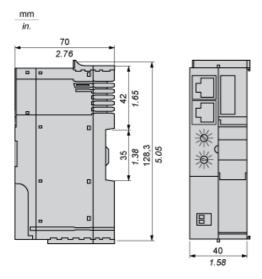
18 months

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STBNC02212

Dimensions Drawings

Dimensions



Recommended replacement(s)