Product data sheet
Characteristics

STBNCO1010
basic network interface module STB - CANopen bus - 1 Mbit/s

Main

Range of product	Modicon STB distributed I/O solution
Product or component type	Basic network interface module
Integrated connection type	CANopen bus conforming to CIA DS-301 9-way male SUB-D connector 2 twisted shielded pairs (bus)
Number of segments	1 primary
Number of slave	0...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

Complementary

Number of addressable I/O module	0...12 per island
Communication service	Network management (NMT) Process Data Object (PDO) Service Data Object (SDO)
Supply circuit type	DC
[Us] rated supply voltage	24 V
Supply voltage limits	19.2...30 V
Input current	400 mA for supply circuit
Output voltage type	DC
Nominal output current	1.2 A
Output voltage	5.25 V +/- 0.21 % for logic bus
Marking	CE
Overvoltage category	II
Status LED	1 LED green for CAN RUN 1 LED green for island state (RUN) 1 LED green for power supply (PWR) 1 LED red for CAN ERR 1 LED red for module error (ERR)
Product weight	0.135 kg

Environment

Electromagnetic compatibility	Immunity to electromagnetic interference conforming to IEC 61131-2
Product certifications	ATEX Cat 3G CSA C-Tick FM Class 1 Division 2 UL
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	0...60 °C without derating
Ambient air temperature for storage	-40...85 °C
Relative humidity	95 % at 60 °C without condensation
Vibration resistance	+/-0.35 mm (f = 10...58 Hz) 3 gn (f = 58...150 Hz) on 35 x 7.5 mm symmetrical DIN rail 5 gn (f = 58...150 Hz) on 35 x 15 mm symmetrical DIN rail
Shock resistance	30 gn for 11 ms conforming to IEC 88 reference 2-27

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Dimensions

mm
in.

70
2.76

42
1.65

35
1.38

128,3
5.05

40
1.58

Schneider Electric