



BCS-NX3008

High-speed CPU with built-in power supply, full connectivity

High-speed 64-bit ARM processor with 1 GHz, 1000 PID loops in 2ms
Application memory capacity, 32MB
Persistent memory, 1MB
Max. rack I/O modules, 128
Com. Interfaces, 3xEthernet/1xSerial/1xCAN
Fieldbus connection, EtherCat/Ethernet/IP/PROFINET/Modbus TCP/RTU/OPC UA/DA/MQTT/Sparkplug B/IEC60870-5-104
WebVisualization/Web server diagnostics and Secured connection via VPN, built in Firewall, Docker for Virtualization (pending)

Facts

General description

Article number	66.014.129-8
Warranty	Up to 2 years
CAN interface	1
CANOpen Master protocol	Yes
J1939 Manager protocol	Yes

Mechanical

Certificates	CE, ROHS, UL, DNV
Module dimensions (W x H x D)	36.00 x 114.63 x 115.30 mm
Net weight	330 g

Power

Current consumption from backplane rack	-
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System

Hot Swap	Yes
One Touch Diag (OTD)	Yes
Status and diagnostics indication	Yes
Redundancy	No
Maximum nbr of expansion racks	24
Maximum nbr of modules	128
Clock synchronization (SNTP)	SNTP
Network monitor (SNMP)	SNMPv1, SNMPv2c, SNMPv3
Program memory	32MB
Source code memory	120MB
User files memory	32MB

Communication

Communication protocols	EtherCat Master, Ethernet/IP Scanner/Adapter, PROFINET Controller, ModbusTCP client/server, Modbus RTU master/slave, User defined protocol, IEC60870-5-104 server, OPC UA/DA server, MQTT client, CANOpen Master protocol, CAN low level, J1939 Manager protocol, SNMP Agent
Ethernet interface	3xRJ45 10/100/1000 Mbps
Serial interface	1xRS485

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Visiting address HQ: Stora Varvsgatan 13a

SE - 211 75 Malmoe, SWEDEN

[+46 40 35 86 00](tel:+4640358600) (tel:[+46 40 35 86 00](tel:+4640358600))

info@bejerelectronics.com (mailto:info@bejerelectronics.com)