



BCS-NX3020

High-speed CPU

High-speed processing Cpu, 200 PID loops in 1ms
 Application memory capacity, 6MB
 Persistent memory, 112KB
 Max. rack I/O modules, 128
 Com. Interfaces, 2xEthernet/2xSerial
 Fieldbus connection, EtherCat/Ethernet/IP/Profibus DP/Modbus TCP/RTU/OPC
 UA/DA/IEC60870-5-104
 Web server diagnostics

Facts

General description

Article number	66.014.121-2
Warranty	2 year

Mechanical

Certificates	CE, ROHS, UL, DNV
Module dimensions (W x H x D)	36.00 x 114.63 x 115.30 mm
Net weight	350 g

Power

Current consumption from backplane rack	1000 mA
---	---------

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	6MB
Source code memory	80MB
User files memory	32MB

Communication

Communication protocols	EtherCat Master, Ethernet/IP Scanner/Adapter, ModbusTCP client/server, Modbus RTU master/slave, User defined protocol, IEC60870-5-104 server, OPC UA/DA server
Ethernet interface	2xRJ45 10/100 Mbps
Serial interface	1xRS-232, 1xRS422/485

Smart Engineering Resources

- [NMEA 0183 listener - CODESYS library](https://smartstore.beijerelectronics.com/en/Smart_Engi...hstc=133514769.4931d322ad38576815e60802e8ae6d22.1682440547395.1686252217287.168626184973.8&hssc=133514769.137.1686260184973&hsfp=2393331666)
- [Setting up projects for Energy Meter](https://smartstore.beijerelectronics.com/en/Smart_Engi...hstc=133514769.4931d322ad38576815e60802e8ae6d22.1682440547395.1686252217287.168626184973.8&hssc=133514769.137.1686260184973&hsfp=2393331666)
- [JetNet ring status - CODESYS library](https://smartstore.beijerelectronics.com/en/Smart_Engineering_Resources/6778/jetnet-ring-status---codesys-library?hstc=133514769.4931d322ad38576815e60802e8ae6d22.1682440547395.1686252217287.1686260184973.8&hssc=133514769.137.1686260184973&hsfp=2393331666)

