SINAMICS S120

Product Data Sheet

6SL3055-0AA00-2EB0

CBE20 PROFINET Communication Board

ETHERNET PORT ARRANGEMENT	ETHERNET TRANSMISSION RATE	PROFINET DEVICE FUNCTION	REAL-TIME OPERATING MODES
4 RJ45 ports with integrated switch	**100 Mbit/s, full duplex**	**PROFINET IO device**	**RT and IRT**

Siemens 6SL3055-0AA00-2EB0 is the CBE20 communication board for SINAMICS S120 drive systems using a compatible CU320-2 Control Unit. It connects the drive to PROFINET IO and supports coordinated automation and drive-data exchange.

01 VERIFIED TECHNICAL DATA

Ethernet port arrangement	4 RJ45 ports with integrated switch
Ethernet transmission rate	100 Mbit/s, full duplex
PROFINET device function	PROFINET IO device
Real-time operating modes	RT and IRT
Minimum send cycle	500 micros, IRT
Drive communication profile	PROFIdrive V4
Engineering communication	TCP/IP with STARTER
Control Unit connection	CU320-2 option slot
Current requirement at 24 V DC	0.16 A
Power loss	2.4 W

Values follow the applicable manufacturer documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

Ethernet redundancy	Media redundancy support
Controller access	Shared-device support
Additional network protocol	EtherNet/IP connectivity
Direct drive exchange	SINAMICS Link
Certification	cULus

03 DOCUMENTED USE SETTINGS

Industrial Product Manufacturing and Assembly Production: Industrial Product Manufacturing.

Packaging Production and Consumer Goods Manufacturing: Consumer Goods Packaging.

Industrial Material Production and Metal Processing: Industrial Material Processing.

04 SYSTEM COMPATIBILITY

Identify the CU320-2 Control Unit and exact 6SL3055-0AA00-2EB0 CBE20 board. Confirm the firmware and intended communication function before commissioning.

05 PRODUCT EVIDENCE

Siemens D21.4 2017, CBE20 Communication Board, catalog p. 7/24 (PDF p.84)

AMIKON PRODUCT SUPPORT

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