

BECKHOFF CX1030-N040 System Interfaces CPU Module



BECKHOFF CX1030-N040 System Interfaces CPU Module Owner's Manual

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BECKHOFF CX1030-N040 System Interfaces CPU Module



Product Information

Specifications

CX1030-N040

- **Interfaces:** 1 x COM3 + 1 x COM4, RS232
- **Type of connection:** 2 x D-sub plug, 9-pin
- **Properties:** max. baud rate 115 kbaud, not combinable with N031/N041 via system bus (through CX1100-xxxx power supply modules)
- **Power supply:** Internal PC/104 bus
- **Dimensions (W x H x D):** 19 mm x 100 mm x 51 mm
- **Weight:** approx. 80 g

Product Usage Instructions

Installation

1. Ensure the power to the system is turned off.
2. Locate the slot for the CX1030-N040 module on the CX1030 CPU module.
3. Gently insert the CX1030-N040 module into the slot until it is securely in place.
4. Power on the system and verify that the module is recognized.

Connecting Interfaces

The CX1030-N040 module offers two RS232 interfaces. To connect devices to these interfaces:

1. Identify COM3 and COM4 on the module.
2. Use appropriate RS232 cables to connect your devices to the respective COM ports.
3. Ensure the baud rates are configured correctly for communication.

FAQ

- **Q: Can I retrofit or expand the system interfaces of the CX1030-N040 module in the field?**
 - A: No, the system interfaces cannot be retrofitted or expanded in the field. They are supplied ex factory in the specified configuration.
- **Q: What is the maximum baud rate supported by the RS232 interfaces of CX1030-N040?**
 - A: The maximum baud rate supported by the RS232 interfaces of CX1030-N040 is 115 kbaud.
- **Q: How many serial RS232 interfaces are available on the CX1030-N040 module?**
 - A: The CX1030-N040 module offers a total of four serial RS232 interfaces, with COM3 and COM4 being part of this configuration.

Product Status

regular delivery (not recommended for new projects) A number of optional interface modules are available for the basic CX1030 CPU module that can be installed ex-factory. The system interfaces cannot be retrofitted or expanded in the field. They are supplied ex-factory in the specified configuration and cannot be separated from the CPU module. The internal PC/104 bus runs through the system interfaces, so that further components can be connected. The power supply of the system interface modules is ensured via the internal PC/104 bus. The modules CX1030-N030 and CX1030-N040 offer a total of four serial RS232 interfaces with a maximum transfer speed of 115 kbaud. These four interfaces can be implemented in pairs as RS422/RS485, in which case they are identified as CX1030-N031 and CX1030-N041 respectively.

Product information

Technical data

- Technical data: CX1030-N040
- Interfaces: 1 x COM3 + 1 x COM4, RS232
- Type of connection: 2 x D-sub plug, 9-pin
- Properties: max. baud rate 115 baud, not combinable with N031/N041
- Power supply: via the system bus (through CX1100-xxxx power supply modules)
- Dimensions (W x H x D): 19 mm x 100 mm x 51 mm
- Weight: approx. 80 g


CX1030-N040

- Operating/storage temperature: 0...+55 °C/-25...+85 °C
- Vibration/shock resistance: conforms to EN 60068-2-6/EN 60068-2-27
- EMC immunity/emission: conforms to EN 61000-6-2/EN 61000-6-4

- Protection rating: IP20

<https://www.beckhoff.com/cx1030-n040>

Documents / Resources



[BECKHOFF CX1030-N040 System Interfaces CPU Module](#) [pdf] Owner's Manual
CX1030-N040 System Interfaces CPU Module, CX1030-N040, System Interfaces CPU Module, Interfaces CPU Module, CPU Module, Module

References

- [User Manual](#)

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