Flexi Compact

CPU Release Notes

SICK
Sensor Intelligence.
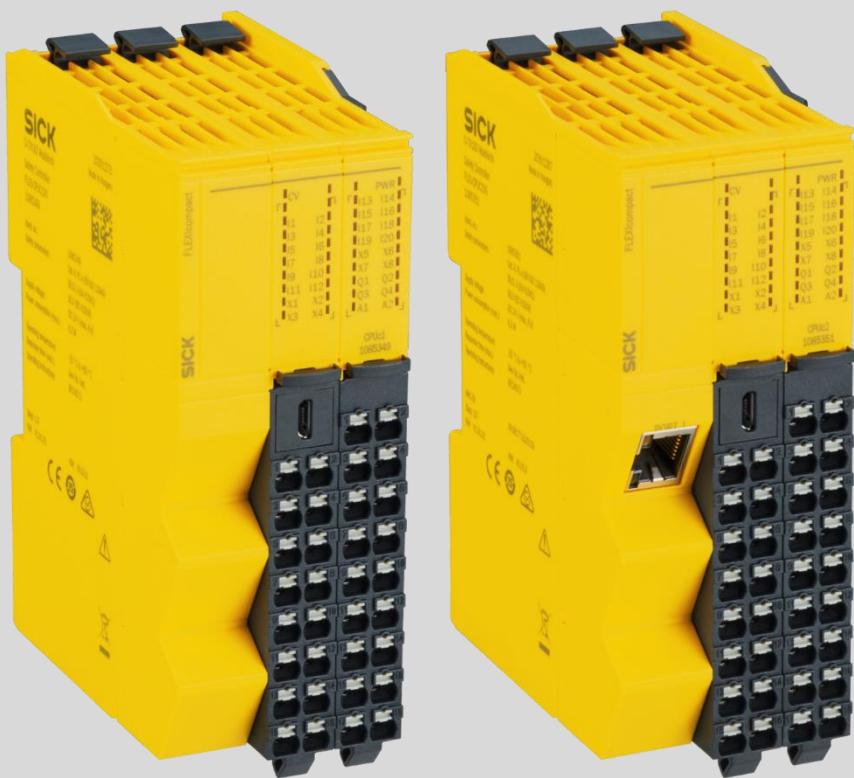
Described products

FLX3-CPUC100 (1085349)

FLX3-CPUC200 (1085351)

Manufacturer

SICK AG
Erwin-Sick-Str. 1
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Legal information

Original document

This document is an original document of SICK AG.

About this document

This document contains details of changes and their impacts. The respective operating instructions can be found at www.sick.com

Content

1   CPUC Overview

Type	Current Firmware version	Current Hardware version
FLX3-CPUc100 FLX3-CPUc200	V1.11.0 page 5	V2.02.0 page 6

2   Firmware Version Overview

Firmware Version 1.11.0

Production release: 03/2024

Compatible HW version: ≥ V2.00.0

Improvements

- Improvement of device reliability.
- Improvement of error diagnostics.

Firmware Version 1.10.0

Production release: 09/2022

Compatible HW version: ≥ V2.00.0

Improvements

- Device start-up time improved.
- Improved bandwidth and stability.
- Robustness of the local ethernet interface against large amounts of TCP/IP or UDP packages improved.
- Support of new hardware version V2.00.0 in device firmware. Older hardware versions are no longer supported.
- Improvement of error code history

Resolved issues

- Improvement of function "Delayed error reaction": Safety Outputs Q leads no longer to critical fault when all outputs are configured with test pulses and a Stuck-at-HIGH when ON error is present.
- Improvement of process data availability.

Firmware Version 1.03.0

Production release: 08/2021

Compatible HW version: ≥ V1.00.0 and < V2.00.0

- Improvement of process data availability.

Firmware Version 1.02.0

- Initial version.

3 Hardware Version Overview

Hardware Version 2.02.0

- Improved mechanical tolerances on USB connector to increase plugging reliability.

Hardware Version 2.01.0

- Alternative output driver variants supported.

Hardware Version 2.00.0

- Improved robustness against IEC 61000-2 voltage dips.
- Improved power supply buffer capacitance.

Hardware Version 1.02.0

- Inter-PCB connectors simplified and improved.

Hardware Version 1.01.0

- Housing: Improvement of mechanical robustness.

Hardware Version 1.00.0

- Initial version.