Data Sheet CODESYS Control for PLCnext Multicore SL

The CODESYS Control for PLCnext Multicore SL is an extension of the CODESYS Control for PLCnext SL, an adapted CODESYS Control runtime system for the Phoenix PLCnext controller AXC F 2152 or AXC F 1152.

Product description

Licensing:

Single Device License

CODESYS Control for PLCnext Multicore SL extends an existing Phoenix PLCnext controller AXC F 2152 or AXC F 1152, on which CODESYS Control for PLCnext SL is installed, to a multicore (MC) high-performance PLC. This can process its IEC application specifically on multiple CPU cores. The system is suitable for applications with soft demands on the real-time behavior.

Benefits

- Extension of CODESYS Control for PLCnext SL for multicore support (all CPUs)
- Extension of the CODESYS Development System for binding individual IEC applications to different CPU cores
- Debugging of the multicore application within CODESYS

Fieldbus support

The fieldbuses of CODESYS Control for PLCnext SL are supported in single-core operation.

Product options

None

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General information

Supplier:

CODESYS GmbH

Memminger Strasse 151

87439 Kempten

Germany

Support:

https://support.codesys.com

Item:

CODESYS Control for PLCnext Multicore SL

Item number:

2302000036

Sales:

CODESYS Store

https://store.codesys.com

Included in delivery:

- License Key

System requirements and restrictions

Programming System	CODESYS Development System Version 3.5.16.20 or higher
Runtime System	CODESYS Control for PLCnext SL V4.1.0.0 or higher
Supported Platforms/ Devices	• Phoenix AXC F 2152 • Phoenix AXC F 1152 Note: Use the tool "Device Reader" to find out the supported features of your device (free of charge component of CODESYS Development System).
Additional Requirements	Installation of CODESYS Control for PLCnext SL
Restrictions	-
Licensing	Single Device License: The license can be used on the target device/PLC on which the CODESYS Runtime System is installed. Licenses are activated on a software-based license container (soft container), which is permanently connected to the controller. Alternatively the license can be stored on a CODESYS Key (USB-Dongle). By replugging the CODESYS Key, the license can be used on any other controller Note: In demo mode, the software runs for two hours without a license. After that, a manual restart is required.
Required Accessories	-

Note: Not all CODESYS features are available in all territories. For more information on geographic restrictions, please contact sales@codesys.com.

Note: Technical specifications are subject to change. Errors and omissions excepted. The content of the current online version of this document applies.