



## **Data Sheet CODESYS Control for PLCnext Multicore SL**

The CODESYS Control for PLCnext MC 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**

CODESYS Control for PLCnext MC 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:

Technical support is not included with this product. To receive technical support, please purchase a CODESYS Support Ticket.

<https://support.codesys.com>

### Item:

CODESYS Control for PLCnext MC SL

### Item number:

2302000036

### Sales/Source of supply:

CODESYS Store  
<https://store.codesys.com>

### Included in delivery:

- License Key

## System requirements and restrictions

<b>Programming System</b>	CODESYS Development System Version 3.5.16.20 or higher
<b>Runtime System</b>	CODESYS Control for PLCnext SL V4.0.0.0 or higher
<b>Supported Platforms/ Devices</b>	<ul style="list-style-type: none"> <li>• Phoenix AXC F 2152</li> <li>• Phoenix AXC F 1152</li> </ul> <p>Note: Use the tool "Device Reader" to find out the supported features of your device (free of charge component of CODESYS Development System).</p>
<b>Additional Requirements</b>	Installation of CODESYS Control for PLCnext SL
<b>Restrictions</b>	-
<b>Licensing</b>	



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.

Note: In demo mode, the software runs for two hours without a license. After that, a manual restart is required.

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**Required Accessories**

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

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