

# PLCNEXT TARGET FOR SIMULINK - Software add-on



1326100

<https://www.phoenixcontact.com/us/products/1326100>

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Software add-on for integration and execution of MATLAB/Simulink models on Remote Field and Axioline controllers

## Product description

“PLCnext Target for Simulink” allows automatic conversion of MATLAB/Simulink models into device-specific code for the controller being used. The controllers supported are listed in the technical documentation.

## Your advantages

- Supported by PLCnext Technology
- Structured program implementation and simulation/verification in advance, thanks to model-based system design
- Early-stage system simulation and startup by means of “hardware in the loop”
- Quick and easy system testing by means of “Rapid Prototyping”
- Maximized system performance by means of gradual tuning by optimized controls
- Support for PLCnext model function blocks

## Commercial data

Item number	1326100
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	DR13
Product key	DRDBAC
GTIN	4063151617837
Weight per piece (including packing)	25.7 g
Weight per piece (excluding packing)	25.4 g
Customs tariff number	49119900
Country of origin	DE

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## Technical data

### Product properties

Product type	Software library
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### System properties

Intended use for the software	Interface between Matlab/Simulink and PLCnext Technology
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### License information

Type of license	Single-user license
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### System requirements

Engineering tool	PLCnext Engineer
Software requirements	MATLAB® and Simulink® R2019a, R2020a, R2020b, and R2021a
	MATLAB® and Simulink® Coder
	PLCnext ENGINEER from version 2021.0

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## Classifications

### ECLASS

ECLASS-11.0	27242590
ECLASS-13.0	27242590
ECLASS-12.0	27242590

### ETIM

ETIM 8.0	EC001435
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### UNSPSC

UNSPSC 21.0	43233600
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## Accessories

### AXC F 1152 - Controller

1151412

<https://www.phoenixcontact.com/us/products/1151412>



PLCnext Control for the direct control of Axioline F I/Os. With two Ethernet interfaces. Complete with connector and bus base module.

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### AXC F 2152 - Controller

2404267

<https://www.phoenixcontact.com/us/products/2404267>



PLCnext Control for the direct control of Axioline F I/Os. With two Ethernet interfaces. Complete with connector and bus base module.

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## AXC F 3152 - Controller

1069208

<https://www.phoenixcontact.com/us/products/1069208>



PLCnext Control for the direct control of Axioline F I/Os. With three independent Ethernet interfaces. Complete with connector and bus base module.

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## RFC 4072S - Safety controller

1051328

<https://www.phoenixcontact.com/us/products/1051328>



PLCnext Control with 4 x 10/100/1000 Ethernet, PROFINET controller with integrated PROFIsafe safety controller, PROFINET device, IP20 degree of protection, pluggable parameterization memory

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## EPC 1502 - Edge device

1185416

<https://www.phoenixcontact.com/us/products/1185416>



PLCnext Industrial Edge Computer with Intel® Celeron® N3350 processor. This small form factor programmable edge device supports IEC 61131-3, MATLAB Simulink, C/C++, and is perfect for protocol converting, data collection, and cloud computing.

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## EPC 1522 - Edge device

1185423

<https://www.phoenixcontact.com/us/products/1185423>



PLCnext Industrial Edge Computer with Intel® Celeron® N3350 processor. This small form factor programmable edge device supports IEC 61131-3, MATLAB Simulink, C/C++, and is perfect for protocol converting, data collection, and cloud computing.

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