

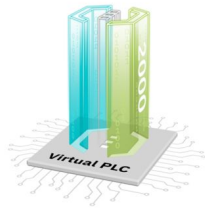
VPLCNEXT CONTROL 2000 OTP - Controller



1821768

<https://www.phoenixcontact.com/us/products/1821768>

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Controller; application: Virtual control; Type of software: On-premises; Network license; Basic functions: Virtual control, The VPLCNEXT CONTROL is a powerful, real-time-capable virtual control based on PLCnext Technology.

It is provided as an OCI-compliant container (Open Container Initiative) and can be instantiated flexibly.

Your advantages

- Reduces investment costs as no special hardware is required
- Easy scaling and adaptation to new requirements without physical retrofitting
- Direct connection to IT systems, cloud services, and IoT platforms for data-driven applications
- First software-based control system with open architecture based on PLCnext Technology
- Maximum flexibility and seamless integration

Commercial data

Item number	1821768
Packing unit	1 pc
Minimum order quantity	5 pc
Sales key	DR09
Product key	DRADAC
GTIN	4067923454057
Country of origin	DE

Technical data

Product properties

Product type	License
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System properties

IEC 61131 runtime system

Program memory	8 Mbyte
Data storage system	12 Mbyte
Number of control tasks	16
Number of data blocks	depending on data storage
Number of timers, counters	depending on data storage

PROFINET

Device function	PROFINET controller, PROFINET device
Update rate	16 ms
Process data width	64 Byte ... 512 Byte
Conformance Class	B
Number of supported devices	64
Device ID	0191hex
Type of software	On-premises
Intended use for the software	Virtual control

License information

Type of license	Network license
Information regarding the type of license	OTP (One Time Purchase)
License duration	unrestricted

Functionality

Basic functions	Virtual control
	The VPLCNEXT CONTROL is a powerful, real-time-capable virtual control based on PLCnext Technology. It is provided as an OCI-compliant container (Open Container Initiative) and can be instantiated flexibly.
Programming languages supported	Symbolic flowchart (SFC)
	Ladder diagram (LD)
	Function block diagram (FBD)
	Structured text (ST)
	C++
	C#
	Java
	Python®
	Simulink®

System requirements

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Operating system	Linux distribution with real-time patch (e.g., Ubuntu Pro)
Hard disk memory	min. 4 GByte
Interfaces	2x Ethernet-Port

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Classifications

ECLASS

ECLASS-13.0	27242501
ECLASS-15.0	27242501

ETIM

ETIM 10.0	EC002537
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Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Not applicable, Not qualified for the European market
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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