PC WORX UA SERVER-PLC 80 - Driver and interface software

2402686

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OPC UA server for communication with a maximum of 200 controllers

Product description

The PC WORX UA SERVER provides the variables of controllers that have been programmed with PC Worx to all OPC UA clients. All variables are mapped in the server according to the PLCopen profile. The variable names are automatically synchronized from the current project. The server supports all security profiles via the binary profile, thereby enabling all access to be regulated.
A user-friendly configurator guides you through the configuration of controllers and security settings. Diagnostic information regarding active communication can also be displayed from another computer using the configurator.

Your advantages

- Safety configuration with support from tools
- Detailed diagnostic features
- Direct access to all data types, arrays, and complex structures supported by PC Worx.
- Transparent access to redundant controllers
- Standardized access according to the PLCopen information model for IEC 61131-3

Commercial data

Item number	2402686
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	DRDBAG
Product key	DRDBAG
GTIN	4055626119434
Weight per piece (including packing)	63.6 g
Weight per piece (excluding packing)	63.6 g
Customs tariff number	49119900
Country of origin	DE

Technical data

Notes

General

Information regarding the system requirements	Note the individual properties and requirements of the devices. Should you have any questions, please contact the Support team directly or the relevant contact person in Sales.
Information regarding the update rate	Guaranteed update rates greatly depend on the selected controller, the control capacity, and the selected PC.

Product properties

Product type	Drivers and interfaces
Scope of supply	Packaging with license letter for single-user license (software via download)

System properties

Intended use for the software	Runtime license
Information regarding the version	Valid for Version 1.1 (for features of older versions, please refer to the version information in the download area)
	The versions of devices, other software packages or the operating system must be kept up to date.

License information

Type of license	Single-user license
Information regarding the type of license	License-free configurator. Server without license limited to one hour's runtime in demo mode

Functionality

Basic functions	Data exchange according to DA profile spec 1.02 (2012)
	Security Policies: None, Basic128RSA15, Basic256
	Message Security: Mode none, sign, sign&encrypt
	Communication profile according to the PC-based server via binary protocol using TCP/IP
	Easy access to arrays and structures
	Variable mapping according to PLCopen profile spec 1.00
	Data exchange with up to 200 controllers
	Automatic switchover for redundant controllers (e.g., RFC 460 R) or applicative redundancy
Integrated function	Analysis
	Data acquisition
	Communication
	Configuration
Supported controller	ILC 1xx
	AXC 1xxx
	AXC 3xxx

	RFC 460R
	RFC 480S
	PC WORX RT
Number of supported controllers	max. 200
Number of OPC items	max. 100000
Number of OPC items/controller	no limit, depends on the controller utilization
	typ. 500 (for AXC 1xxx and ILC 1x1)
	typ. 10000 (for AXC 3xxx, RFC 460R, and PC WORX BASIC/SRT)
Supported data types (standard)	BOOL, BYTE, INT, DINT, UINT, SINT, USINT, UDINT, WORD, DWORD, REAL, LREAL, STRING, TIME according to IEC 61709
Supported data types (user-defined)	ARRAY OF, STRUCTS, ARRAY OF STRUCT, STRUCT in STRUCT according to IEC 61131

System requirements

Operating system	Windows® 7 (32-Bit/64-Bit)
	Windows® 8.1 (32-Bit/64-Bit)
	Windows® 10 (32-Bit/64-Bit)
	Windows® Server 2012
	Windows® Server 2016
Platform	.NET Framework 4.5 (required for the configurator)
	.NET Framework 3.5 (required for server licensing)
Processor	min. Intel® Core™ i7
Main memory (RAM)	min. 8 GByte
Interfaces	min. Gigabit Ethernet
Languages supported	English
Software requirements	PC Worx Version 6 or later

Classifications

ECLASS

ECLASS-13.0	27242504
ECLASS-15.0	27242504

ETIM

ETIM 10.0	EC002537

UNSPSC

UNSPSC 21.0	43232400

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Not applicable, No electrical and electronic equipment (EEE), cannot be used in EEE

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

EF3.1 Climate Change

CO2e kg	0.039 kg CO2e

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