# AX OPC SERVER - Driver and interface software

2985945

https://www.phoenixcontact.com/gb/products/2985945

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AX OPC SERVER, communication interface for OPC-capable visualization with PC WORX-based controls.

## Product description

The AX OPC server provides the variables of controllers that have been programmed with PC Worx to all OPC DA clients. The interface enables access to local and global data. The variable names are automatically synchronized from the current project.

## Your advantages

- Automatic redundancy function in conjunction with redundant controllers
- Simultaneous access to up to 32 controllers
- OPC DA server according to Spec 2.04/2.05a

## Commercial data

| | |
|---|---|
| Item number | 2985945 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | DRDBAG |
| Product key | DRDBAG |
| GTIN | 4046356103497 |
| Weight per piece (including packing) | 25.5 g |
| Weight per piece (excluding packing) | 20 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 | DVD with license letter for single-user license and online documentation |

### System properties

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|---|---|
| Type of software | On-premises |
| Intended use for the software | Runtime license |
| Information regarding the version | Valid for Version 3.09x (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 |
| | Freeware |

Functionality

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|---|---|
| Basic functions | Supports OPC standard functions and all the optional interfaces (in accordance with OPC spec. DA 1.0a and DA 2.04/2.05) |
| | Simultaneous support to several controllers |
| | Integrated OPC testing and diagnostics client |
| System limits | 64 Ethernet connections |
| Associated hardware | Phoenix Contact control |
| Supported controller | ILC 1xx |
| | ILC 3xx |
| | AXC 1xxx |
| | AXC 3xxx |
| | RFC 4xx |
| | PC WORX RT |
| Number of supported controllers | max. 64 |
| Number of OPC items | max. 20000 (active OPC tags, arrays and structures count as 1 item) |
| | 4500 (active OPC tags per controller; arrays and structures count as 1 item) |
| Supported data types (standard) | BOOL, BYTE, INT, DINT, UINT, SINT, USINT, UDINT, WORD, DWORD, REAL, LREAL, STRING, TIME according to IEC 61709 |

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|---|---|
| Supported data types (user-defined) | ARRAY OF, STRUCTS, ARRAY OF STRUCT, STRUCT in STRUCT according to IEC 61131 |

System requirements

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|---|---|
| Operating system | Windows® 10 (32-bit/64-bit), as of Build 1511 |
| | Windows®11, as of Build 22000.675 |
| Processor | Intel® Core™ i3-2100 2 GHz |
| Hard disk memory | min. 2 GByte |
| Main memory (RAM) | min. 1 GByte (2 GB for Windows Vista and Windows 7) |
| Interfaces | min. Gigabit Ethernet |
| Languages supported | German, English |
| Software requirements | PC WORX Version 3 or later\| |

## Classifications

### ECLASS

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|---|---|
| ECLASS-13.0 | 27242502 |
| ECLASS-15.0 | 27242502 |

### ETIM

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|---|---|
| ETIM 10.0 | EC001416 |

### UNSPSC

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|---|---|
| UNSPSC 21.0 | 43231500 |

## Environmental product compliance

EU RoHS

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|---|---|
| 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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