#### 2985275

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Software package for PC-based automation solutions, PC WORX BASIC license, contains all 5 IEC languages, without MSFC compiler, max. 2048 byte input and output data, version-specific license key

### Your advantages

- · A programming environment for all controllers from Phoenix Contact
- Uniform operation worldwide, thanks to programming according to IEC 61131
- · Fast startup and programming, thanks to comprehensive standard libraries
- · Integrated fieldbus and network configuration
- · Application-specific expansion with corresponding functional blocks
- · Integrated diagnostics and monitoring
- · Consistent support for drag-and-drop
- · User-friendly device handling, thanks to integrated PROFINET, PROFIBUS, INTERBUS, and Modbus TCP configuration and addressing
- · Program modifications can also be made while the controller is running
- Open interfaces to EPLAN, WinMOD, PLCopen XML
- · Integrated simulation environment

### **Commercial Data**

Item number	2985275
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to Order (non-returnable)
Product Key	DRDBAC
Catalog Page	Page 29 (C-6-2019)
GTIN	4046356099509
Weight per Piece (including packing)	22 g
Weight per Piece (excluding packing)	20 g
Customs tariff number	49119900
Country of origin	DE

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## **Technical Data**

Control system       (Target system) Embedded and PC-based controllers         tware       Type of software       On-premise         Intended use for the software       Engineering software for controllers         icense information       Single-user license         Type of license       Freeware         unctionality       Planning an automation system, parameterizing the INTERE and PROFINET devices, operating INTERBUS and PROFINET	Product type	Programming
Type of software         On-premise           Intended use for the software         Single-user license for controllers           icense information         Single-user license           Type of license         Single-user license           autoionality         Planning an automation system, parameterizing the INTERG and PROFINET devices, operating INTERBUS and PROFINET devices, operating INTERB	stem properties	
Type of software         On-premise           Intended use for the software         Single-user license           Type of license         Single-user license           unctionality         Planning an automation system, parameterizing the INTERE and PROFINET devices, operating INTERBUS and PROFIN programming an automation system in acc. with IEC 61131-5           Rework configuration (functionality of Config-1)           Network configuration functionality of Config-1           Reparted functionality         2048 bytes of I/O data (mixed) (basic license)           Integrated function         Programming           Programming languages supported         Functional list(L)           Functional listely         Configuration           Functional listely         Single-user (LD)           Configuration         Functional listely           Functional listely         Single-user (LD)           Integrated function         Single-user (LD)           Configuration         Single-user (LD)           Configuration         Single-user (LD)           Functional listely         Single-user (LD)           Functional list(L)         Single-user (LD)	Control system	(Target system) Embedded and PC-based controllers
Type of software         On-premise           Intended use for the software         Engineering software for controllers           iccense information         Single-user license           Type of license         Single-user license           unctionality         Planning an automation system, parameterizing the INTERBL and PROFINET devices, operating INTERBUS and PROFIN programming an automation system in acc. with IEC 61131-5           Basic functions         Planning an automation system in acc. with IEC 61131-5           Network configuration (functionality of Onfig+)         Network diagnostics (functionality of Oliga+)           Expanded functionality         2048 bytes of I/O data (mixed) (basic license)           Integrated function         Analysis           Expanded functionality         Data acquisition           Programming languages supported         Programming           Programming languages supported         Instruction list (IL)           Functional safety         Symbolic flowchart (SFC)           Configuration         Symbolic more (SFC)           Configuration         Symbolic flowchart (SFC)           Rudder diagram (LD)         Symbolic flowchart (SFC)           Symbolic flowchart (SFC)         NTERBUS           ProPORINET         More (SFC)           Symbolic flowchart (SFC)         NTERBUS		
Intended use for the software         Engineering software for controllers           Type of loense         Single-user license           Type of loense         Freeware           sunctionality         Planning an automation system, parameterizing the INTERE and PROFINET devices, operating INTERBUS and PROFIN programming an automation system in acc. with IEC 61131-5           Network configuration (functionality of Diage)           Expanded functionality         2048 bytes of I/O data (mixed) (basic license)           Integrated functionality         Analysis           Expanded functionality         Configuration           Integrated functionality         Data acquisition           Programming languages supported         Instruction alst(IL)           Programming languages supported         Instruction list (IL)           Functional languages supported         Symbolic flowchart (SFC)           Configuration         Symbolic flowchart (SFC)           The Substructure of text (SF)         Symbolic flowchart (SFC)           Symbolic flowchart (SFC)         Sy	ftware	
idense information Type of license Type of license Type of license Single-user license Freeware  iunctionality Basic functions	Type of software	On-premise
Single-user license           Freeware           Functionality           Basic functions           Planning an automation system, parameterizing the INTERE and PROFINET devices, operating INTERBUS and PROFINE roorgamming an automation system in acc. with IEC 61131-5           Statistical and PROFINET devices, operating INTERBUS and PROFINE roorgamming an automation system in acc. with IEC 61131-5           Network configuration (functionality of Config+)           Network diagnostics (functionality of Diag+)           Expanded functionality           Integrated function           Analysis           Evaluation           Programming           Configuration           Programming languages supported           Programming languages supported           Interviction list (IL)           Functional Ist (ISF)           Interviction list (IC)           Programming languages supported           Instruction list (IL)           Functional safety           Instruction list (ISF)           Interviction list (ISF)           Symbolic flowchart (SFC)           Interviction list (ISF)           Interdevictione	Intended use for the software	Engineering software for controllers
Freeware         Functionality         Basic functions         Planning an automation system, parameterizing the INTERBUS and PROFINET devices, operating INTERBUS         Expanded functionality       Network configuration (functionality of Diag+)         Integrated function       2048 bytes of I/O data (mixed) (basic license)         Integrated function       Analysis         Integrated function       Data acquisition         Programming       Configuration         Diagnostics       Maintenance         Communication       Communication         Programming languages supported       Instruction list (IL)         Function block diagram (FBD)       Ladder diagram (LD)         Structured text (ST)       Symbolic flowchart (SFC)         Configuration       INTERBUS         PROFINET       Modbus/TCP         Diagnostics       NITERBUS	icense information	
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and PROFINET devices, operating INTERBUS and PROFINE programming an automation system in acc. with IEC 61131-5           Network configuration (functionality of Config+)           Network diagnostics (functionality of Diag+)           Expanded functionality         2048 bytes of I/O data (mixed) (basic license)           Integrated function         Analysis           Evaluation         Data acquisition           Programming and programing and programming and programming and programming and p		Freeware
Basic functions         Planning an automation system, parameterizing the INTERE and PROFINET devices, operating INTERBUS and PROFIN programming an automation system in acc. with IEC 61131- communication in acc. with IEC 61131- sec. with IEC 61131- communication (functionality of Config+)           Integrated functionality         2048 bytes of I/O data (mixed) (basic license)           Integrated function         Analysis           Evaluation         Evaluation           Data acquisition         Data acquisition           Programming         Configuration           Diagnostics         Maintenance           Maintenance         Configuration           Functional safety         Instruction list (IL)           Function block diagram (LD)         Structured text (ST)           Symbolic flowchart (SFC)         Symbolic flowchart (SFC)           Configuration         INTERBUS           PROFINET         Modus/TCP           Diagnostics         INTERBUS		
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Expanded functionality       2048 bytes of I/O data (mixed) (basic license)         Integrated function       Analysis         Evaluation       Evaluation         Data acquisition       Data acquisition         Programming       Configuration         Diagnostics       Maintenance         Communication       Functional safety         Programming languages supported       Instruction list (IL)         Function block diagram (LD)       Structured text (ST)         Symbolic flowchart (SFC)       Symbolic flowchart (SFC)         Configuration       INTERBUS         Diagnostics       INTERBUS         Datagnostics       INTERBUS		Network configuration (functionality of Config+)
Integrated function       Analysis         Evaluation       Data acquisition         Data acquisition       Programming         Programming       Configuration         Diagnostics       Maintenance         Communication       Functional safety         Programming languages supported       Instruction list (L)         Function block diagram (FBD)       Ladder diagram (LD)         Structured text (ST)       Symbolic flowchart (SFC)         Quippolicition       INTERBUS         PROFINET       Modus/TCP         Diagnostics       INTERBUS		Network diagnostics (functionality of Diag+)
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Pata acquisition         Programming         Configuration         Diagnostics         Maintenance         Communication         Frogramming languages supported         Functional safety         Instruction list (IL)         Function block diagram (FBD)         Ladder diagram (LD)         Structured text (ST)         Symbolic flowchart (SFC)         Symbolic flowchart (SFC)         PROFINET         PROFINET         Mathus/TCP         Diagnostics	Integrated function	Analysis
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Configuration         Diagnostics         Maintenance         Communication         Forgramming languages supported         Forgramming languages supported         Function list (IL)         Function list (IL)         Function list (IL)         Function block diagram (FBD)         Ladder diagram (LD)         Structured text (ST)         Symbolic flowshart (SFC)         PROFINET         PROFINET         MitterBUS         Structured text (ST)         NITERBUS         PROFINET         Modbus/TCP         Diagnostics		Data acquisition
Diagnostics         Maintenance         Communication         Functional safety         Instruction list (IL)         Function block diagram (FBD)         Ladder diagram (LD)         Structured text (ST)         Symbolic flowchart (SFC)         INTERBUS         PROFINET         Modus/TCP         Diagnostics		Programming
Maintenance           Communication           Functional safety           Instruction list (IL)           Function block diagram (FBD)           Ladder diagram (LD)           Structured text (ST)           Symbolic flowchart (SFC)           INTERBUS           PROFINET           Diagnostics		Configuration
Communication         Functional safety         Programming languages supported       Instruction list (IL)         Function block diagram (FBD)         Ladder diagram (LD)         Structured text (ST)         Symbolic flowchart (SFC)         PROFINET         PROFINET         Modbus/TCP         Diagnostics		Diagnostics
Functional safety         Programming languages supported       Instruction list (IL)         Function block diagram (FBD)         Ladder diagram (LD)         Structured text (ST)         Symbolic flowchart (SFC)         INTERBUS         PROFINET         Diagnostics		Maintenance
Programming languages supported       Instruction list (IL)         Function block diagram (FBD)         Ladder diagram (LD)         Structured text (ST)         Symbolic flowchart (SFC)         INTERBUS         PROFINET         Diagnostics		Communication
Function block diagram (FBD)         Ladder diagram (LD)         Structured text (ST)         Symbolic flowchart (SFC)         INTERBUS         PROFINET         Modbus/TCP         Diagnostics		Functional safety
Ladder diagram (LD) Structured text (ST) Symbolic flowchart (SFC) INTERBUS PROFINET Modbus/TCP Diagnostics INTERBUS	Programming languages supported	Instruction list (IL)
Structured text (ST)       Symbolic flowchart (SFC)       Configuration     INTERBUS       PROFINET       Modbus/TCP       Diagnostics     INTERBUS		Function block diagram (FBD)
Symbolic flowchart (SFC)       Configuration     INTERBUS       PROFINET     Modbus/TCP       Diagnostics     INTERBUS		Ladder diagram (LD)
Configuration     INTERBUS       PROFINET     Modbus/TCP       Diagnostics     INTERBUS		Structured text (ST)
PROFINET       Modbus/TCP       Diagnostics     INTERBUS		Symbolic flowchart (SFC)
Modbus/TCP           Diagnostics         INTERBUS	Configuration	INTERBUS
Diagnostics INTERBUS		PROFINET
PROFINET	Diagnostics	
		PROFINET
Control system (Target system) Embedded and PC-based controllers	Control system	(Target system) Embedded and PC-based controllers



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Number of I/O nodes	2048				
System requirements					
Operating equipment	Keyboard, mouse				
Operating system	Windows <sup>®</sup> 10 (32-bit/64-bit), as of Build 1511				
	Windows <sup>®</sup> 11, as of Build 22000.675				
Processor	min. 2 GHz, x86 architecture				
Hard disk memory	min. 2 GByte				
RAM	min. 2 GByte				
Interfaces	Serial COM port, Ethernet (PCI if there is an INTERBUS master card in the PC)				
Screen resolution	SXGA (1280 x 1024)				
Supported browsers	Internet Explorer Version 8 or later				
Languages supported	German, English, French, Italian, Spanish, Chinese				

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### Classifications

#### ECLASS

ECLASS-9.0	27242501
ECLASS-10.0.1	27242501
ECLASS-11.0	27242501

### ETIM

	ETIM 8.0	EC000809			
UN	UNSPSC				
	UNSPSC 21.0	43233600			

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### Accessories

Driver and interface software

Driver and interface software - AX OPC SERVER - 2985945 https://www.phoenixcontact.com/pc/products/2985945



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

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