

## Software - CONFIG+ - 2868059

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Config+ full version for configuration and diagnostics of an INTERBUS system

### Product Description

Config+ from Phoenix Contact is the ideal software solution for configuring INTERBUS networks.

The clear user interface allows you to assign addresses using drag & drop and to reliably configure even complex topologies. In addition, the Ethernet devices used can also be mapped and diagnosed. For reliable troubleshooting in INTERBUS networks, the integrated Diag+ diagnostics tool can be used.

### Your advantages


- Automatic address assignment or via drag & drop
- Device parameterization via FDT using DTM that can be integrated
- IP address assignment via BootP server
- Configuration of INTERBUS and Ethernet networks
- Parameterization of several devices with assistant support (MDC wizard)
- Parameterization of master boards or controller boards, even several boards in one project
- Monitor function for wiring checks
- Reading in and comparing the real and configured topology



CONFIG+  
INTERBUS Network Configuration



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 047012
GTIN	4046356047012
Weight per Piece (excluding packing)	300.000 g
Custom tariff number	49119900
Country of origin	Germany

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## Technical data

### License information

Intended use for the software	Configuration
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### Functions

Basic functions	Project planning of Ethernet configurations
	Planning of the address assignment
	Comparison between real and planned bus configuration
	Comprehensive diagnostic functions, including optical diagnostics with Diag+
	Network diagnostics (functionality of Diag+)
Integrated function	Diagnostics
	Evaluation
	Data acquisition
	Startup
	Communication
	Configuration
	Maintenance
	Functional safety
Associated hardware	4th generation INTERBUS controller boards, PROFINET controller (Phoenix Contact only)
Termination boards supported	2719962 IBS S7 400 DSC/I-T
	2719975 IBS S7 300 DSC-T
	2730080 IBS PCI SC/RI/I-T
	2730187 IBS PCI SC/RI-LK
	2725260 IBS PCI SC/I-T
	2700318 IBS PCI SC-LK
	2862314 FL IL 24 BK-PAC
	2862327 FL IL 24 BK-B-PAC
	2985974 FL NP PND-4TX IB
	2985929 FL NP PND-4TX IB-LK
	2736916 FLM BK ETH M12 DI 8 M12-2TX
	2703981 IL ETH BK DI8 DO4 2TX-PAC
	2812209 IBS USC4-2
Supported controllers	Further controller boards on request.
Number of I/O nodes	not relevant
Configuration	INTERBUS
	Ethernet
Diagnostics	INTERBUS
	Ethernet

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## Technical data

### Functions

Control system	STEP 7 (G4)
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### Hardware requirements

Hard disk	min. 2 GByte
RAM	min. 2 GByte
CPU	min. 2 GHz, x86 architecture
Interfaces	Serial interface, Ethernet, PCI
Monitor resolution	SXGA (1280 x 1024)
Operating equipment	Keyboard, mouse

### Software requirements

Operating system	Windows® 7 Professional SP1 (32-Bit/64-Bit)
	Windows® 7 Ultimate SP1 (32-Bit/64-Bit)
	Windows® 8.1 Professional (32-Bit/64-Bit)
	Windows® 8.1 Enterprise (32-Bit/64-Bit)
	Windows® 10 (32-bit/64-bit), as of Build 1511
Languages supported	German, English, French, Italian, Spanish, Chinese
Supported browsers	Internet Explorer Version 8 or later

### General information

Note	Note on application Other controller boards available on request
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## Classifications

### eCl@ss

eCl@ss 10.0.1	27242501
eCl@ss 11.0	27242501
eCl@ss 4.0	27250200
eCl@ss 4.1	27250200
eCl@ss 5.0	27242500
eCl@ss 5.1	27242500
eCl@ss 6.0	27242500
eCl@ss 7.0	27242501
eCl@ss 9.0	27242501

### ETIM

ETIM 2.0	EC001435
ETIM 3.0	EC001435

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## Classifications

### ETIM

ETIM 4.0	EC000809
ETIM 6.0	EC000809
ETIM 7.0	EC000809

### UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43232401
UNSPSC 13.2	43233603
UNSPSC 18.0	43233603
UNSPSC 19.0	43233603
UNSPSC 20.0	43233603
UNSPSC 21.0	43233603

## Accessories

### Accessories

#### Gateways/Proxies

Proxy - FL NP PND-4TX IB - 2985974



Proxy for PROFINET-RT-IRT, G4 functionality, INTERBUS proxy with integrated 4-port switch

Proxy - FL NP PND-4TX IB-LK - 2985929



Proxy for PROFINET-RT, G4 functionality, INTERBUS proxy for fiber optics with integrated 4-port switch

### I/O component

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### Accessories

Bus coupler - FL IL 24 BK-B-PAC - 2862327



Inline, Bus coupler, Ethernet, RJ45 jack, degree of protection: IP20

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Bus coupler - FLM BK ETH M12 DI 8 M12-2TX - 2736916



The Ethernet bus coupler opens a local bus for up to 16 devices. Additional functions: 10 Mbps and 100 Mbps, auto negotiation, auto crossover, 8 digital inputs, channel-specific diagnostics, short-circuit and overload protection, M12 fast connection technology.

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Bus coupler - IL ETH BK DI8 DO4 2TX-PAC - 2703981



Inline, Bus coupler, Modbus/TCP(UDP), RJ45 jack, Digital inputs: 8, 24 V DC, connection method: 3-conductor, Digital outputs: 4, 24 V DC, 500 mA, connection method: 3-conductor, transmission speed in the local bus: 500 kbps / 2 Mbps, degree of protection: IP20, including Inline connectors and marking fields

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### Master module

Masterboard - IBS USC4-2 - 2812209



INTERBUS Generation 4 masterboard

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### PC controller board

Termination board - IBS PCI SC/RI/I-T - 2730080



Termination board - system coupler with copper connection

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### Accessories

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Termination board - IBS PCI SC/RI-LK - 2730187



Termination board - system coupler with FO connection

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Termination board - IBS PCI SC/I-T - 2725260



PCI master controller board with electrical isolation

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Termination board - IBS PCI SC-LK - 2700318



PCI master controller board with electrical isolation

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### PLC controller board

Termination board - IBS S7 400 DSC/I-T - 2719962



Termination board for Siemens SIMATIC® S7 400 PLCs, with electrical isolation

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Termination board - IBS S7 300 DSC-T - 2719975



Termination board for Siemens SIMATIC® S7 300 PLCs

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