

- Introduction
- For your own safety
- Description
- Installing/uninstalling
- Operation
- Annex

MANUAL ENGLISH

BN Param Converter Conversion Software Tool 1.0
for bus node configuration data

This document is valid for the following products:

Name	Art. no.
CUBE67 BN-E ETHERNET	56505
CUBE67+ BN-E	56525

Status

Manual no.: 10500956_hdb_en_10

Language: EN

Version: 1.0

Date: 19.11.14

Contact

Murrelektronik GmbH

Falkenstraße 3

D-71570 Oppenweiler

Phone +49 (0) 7191 47-0

Fax +49 (0) 7191 47-491000

info@murrelektronik.de

Table of contents

1	Introduction	4
1.1	Symbols	4
1.2	Service and support	5
2	For your own safety	6
2.1	Warranty and liability	6
3	Description	7
4	Installing/uninstalling	8
4.1	Installation	8
4.2	Uninstalling	11
5	Operation	12
5.1	User interface	12
6	Annex	13
6.1	Legal information	13

1 Introduction

1.1 Symbols

This document includes information and notes that have to be observed for your own safety and to avoid personal and material damage. They are characterized as follows:



DANGER!

Immediate danger

→ Failure to observe this warning involves an imminent risk of death or serious injuries!



WARNING!

Possible danger

→ Failure to observe this warning may cause death or serious injuries.



CAUTION!

Low-risk danger

→ Failure to observe this warning causes minor to moderate injuries.

NOTICE

Risk of material damage

→ Failure to observe this warning causes material damage.



NOTE

Other technical information and notes of Murrelektronik GmbH.



RECOMMENDATION

Notes with this symbol are recommendations of Murrelektronik GmbH.



Products and Accessories

This symbol refers to accessories or product recommendations.

Instruction for use

→ An arrow marks instructions for use.

→ Read and observe the instructions for use.

1 | If they are numbered, it is absolutely necessary to follow them in the correct order.

2 | Read and observe the instructions for use.

1.2 Service and support

Sales	Our sales staff in the company, field service and technicians will support you at all times.
CONNECTIVITY system consultants	<p>Our system consultants are your competent contact persons when you want to develop CONNECTIVITY solutions. Together with you, they find the optimum solutions for your electrical installations.</p> <p>Our CONNECTIVITY consultants find ways that help you to permanently improve the competitiveness of your machines and plants.</p>
Customer Service Center (CSC)	<p>Our staff of the Customer Service Center will help you with all questions concerning installation and set-up. They support you, for example, if you have problems when combining hardware and software products of different manufacturers.</p> <p>There are numerous support tools and possibilities for measurements - both for fieldbus systems and electromagnetic interference.</p> <p>Please do not hesitate to call us on +49 (0) 7191 47-2050 or send us an e-mail to: csc@murrelektronik.de.</p>
Service addresses	<p>Please see our website for your contact person:</p> <p>www.murrelektronik.com</p>

2 For your own safety

2.1 Warranty and liability

Warranty and liability claims

Warranty and liability claims shall be lost if

- the product is not used according to its designated use,
- damage is caused because the manual and the operating instructions have not been observed,
- the staff was/is not qualified.

3 Description

When replacing the bus nod 56505 with the new bus node 56525, the old configuration parameters must be converted. This tool converts the configuration parameters of the bus nod 56505 and adds further parameters via the user interface.



Further documents, tools and configuration files can be found in the Online-Shop with the article number of the product:
<http://www.murrelektronik.com/>

4 Installing/uninstalling

4.1 Installation

The installation is carried out by means of the setup program BN Param Converter x.x Setup.exe:

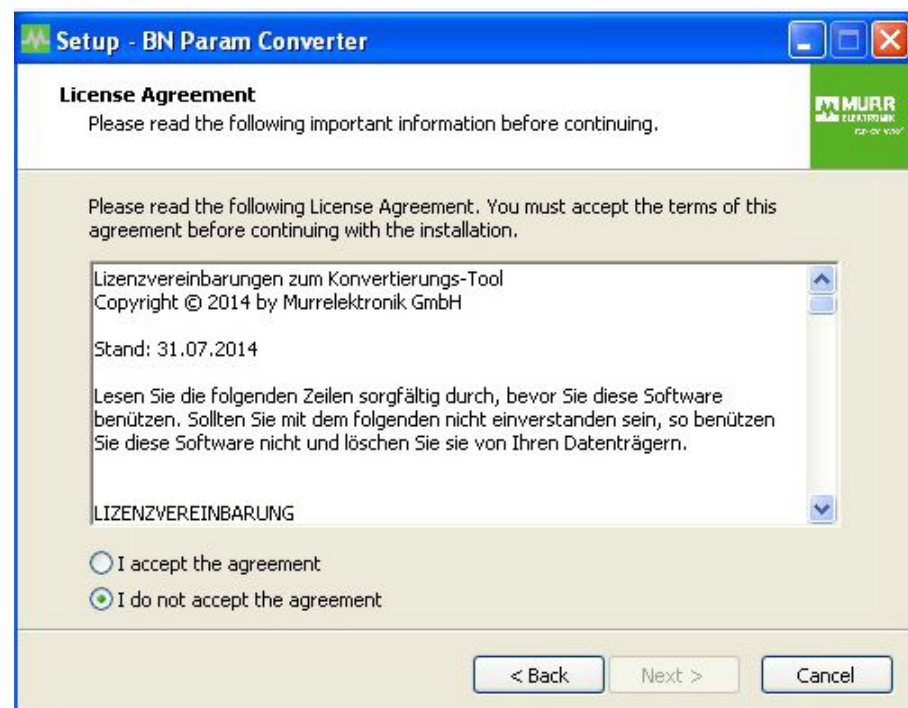
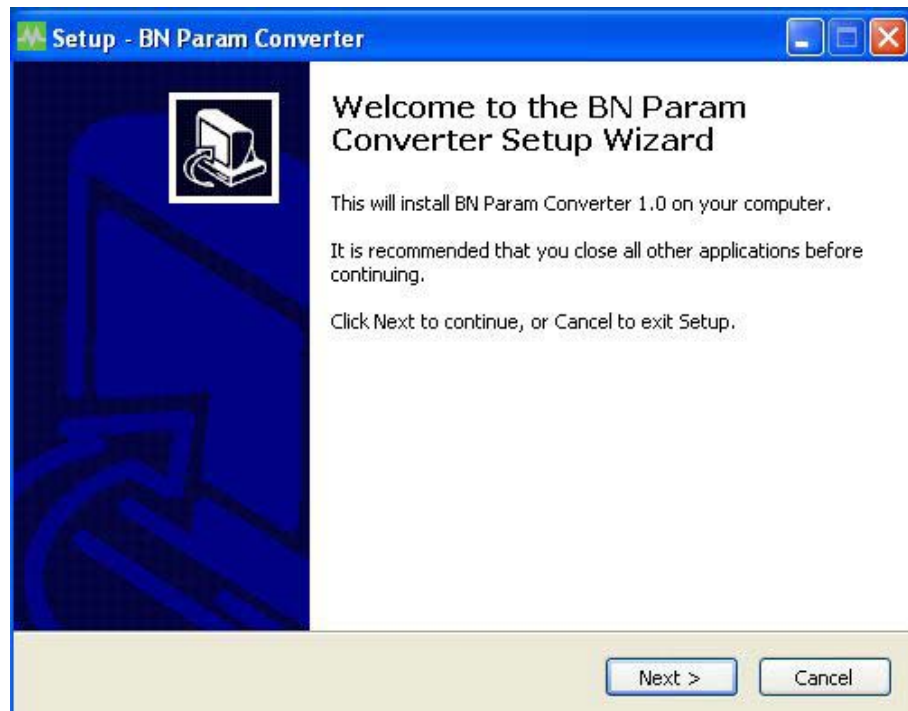


Fig. 4-1: Please read the license agreement carefully before installation.

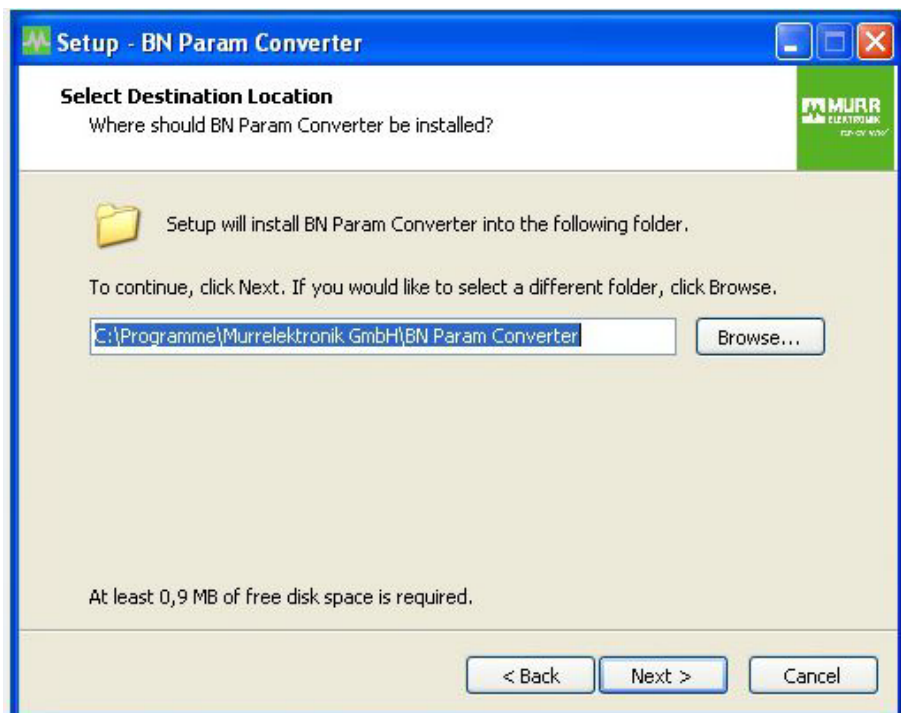


Fig. 4-2: Selecting the installation directory

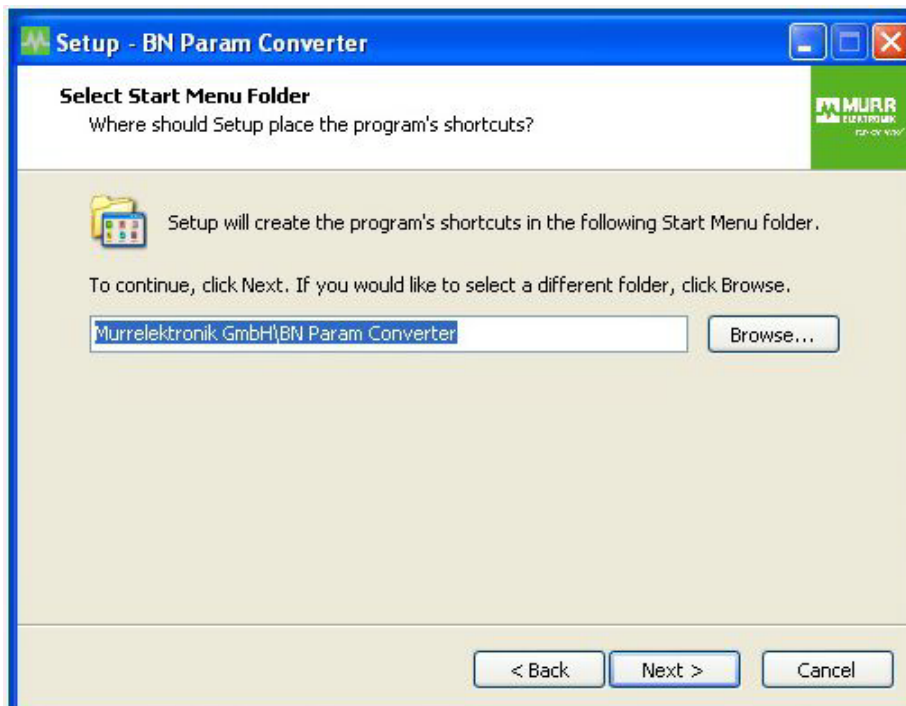


Fig. 4-3: Selecting the start menu directory

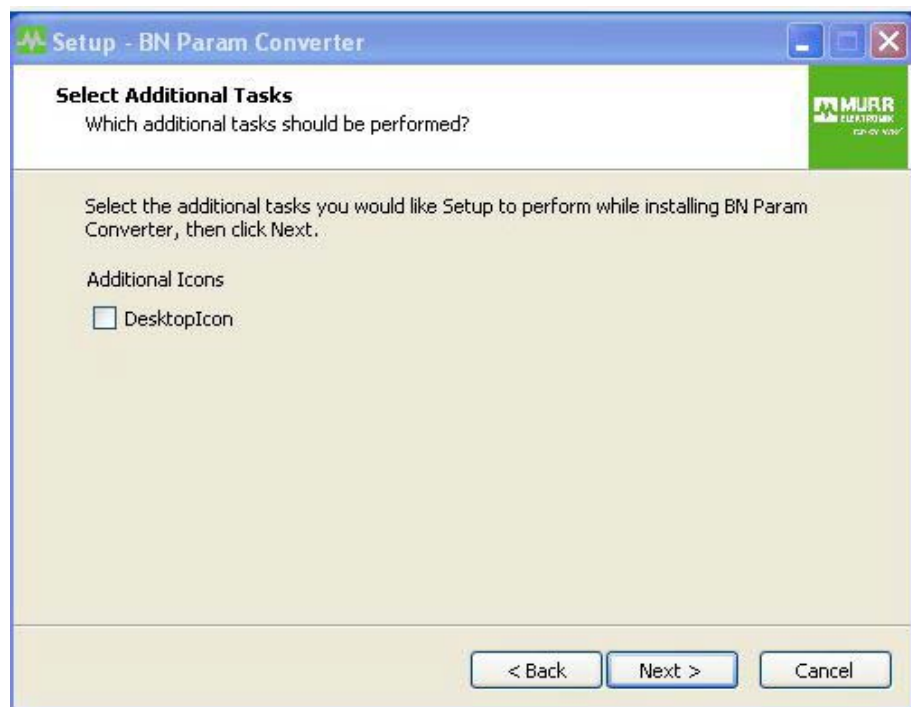


Fig. 4-4: Selecting the desktop icon

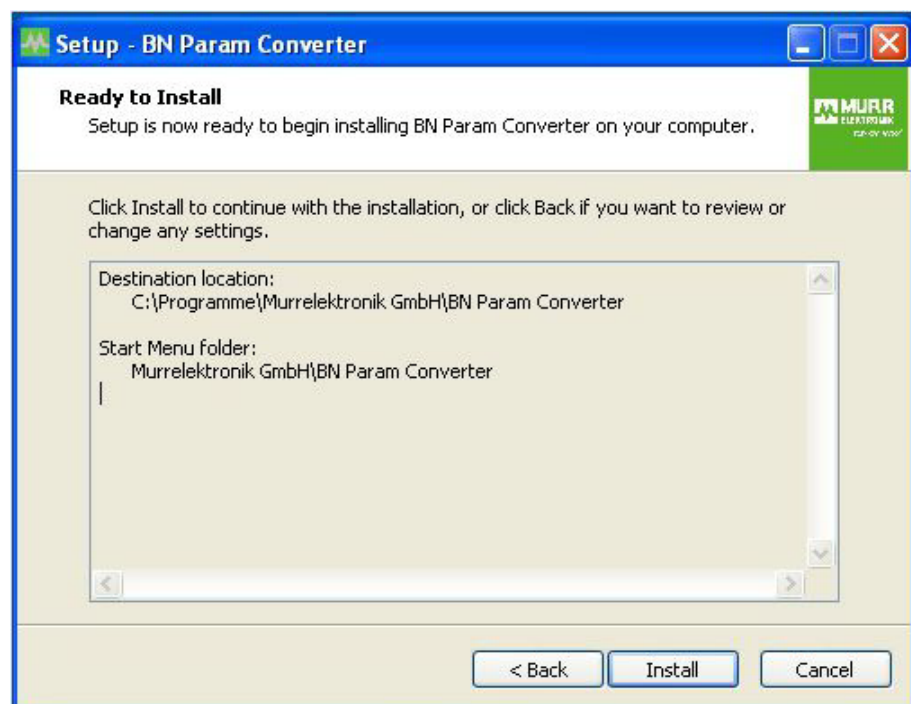


Fig. 4-5: Selected setting



Under the menu *Start/Programs*:



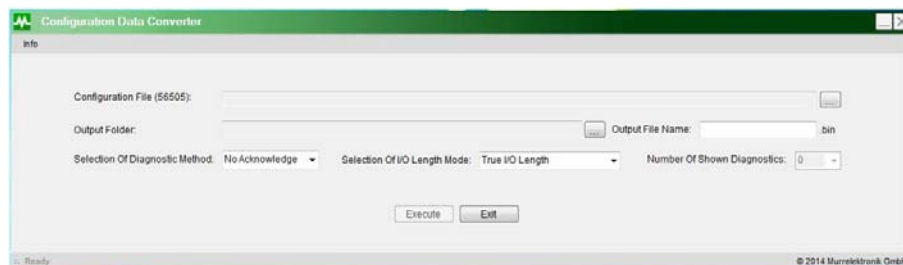
4.2 Uninstalling

The software is uninstalled via

Start/All Programs/Murrelektronik GmbH/BN Param Converter/uninstall BN Param Converter

5 Operation

5.1 User interface



The **Info** menu item can be used to display the license agreement.

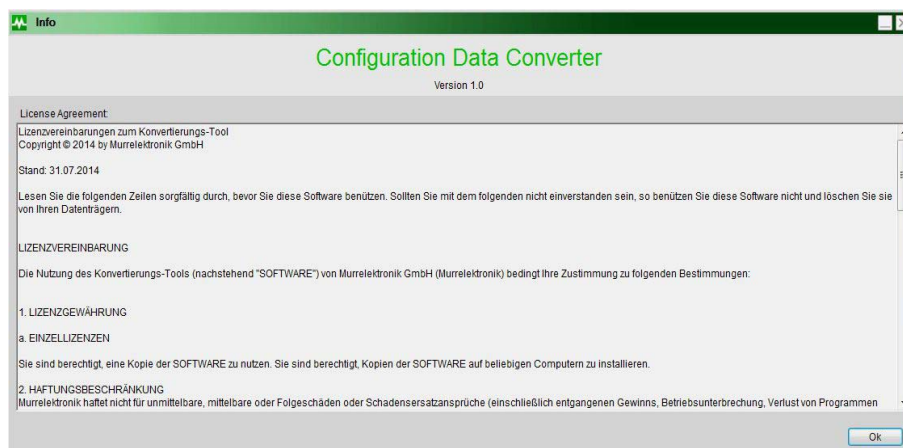


Fig. 5-1: License agreement

Required inputs

Configuration file (56505):	HTML configuration file of the old bus node 56505 (mandatory field)
Output folder:	Output directory (mandatory field).
Output file name:	Name of the output file (mandatory field).
Number of shown diagnostics:	If it is present in the configuration file, then the field is hidden.
Selection of diagnostic method:	New parameter. Default value is No Acknowledge
Selection of I/O length mode:	New parameter. Default value is Always Even I/O Length



If you click this button, all mandatory fields are checked. If the inputs are incomplete or the conversion process fails, an error text in the status bar is displayed.



Exiting the program.

6 Annex

6.1 Legal information

Exclusion of liability

Murrelektronik GmbH checked the contents of this technical documentation for conformity with the described hardware and software. Changes on an individual case basis cannot be excluded. For this reason, we shall not assume any responsibility for errors or omissions, in particular for a complete conformity. This exclusion of liability shall not apply in case the damage is caused deliberately and/or due to gross negligence as well as for all claims based on the German Product Liability Act. Should a major contractual obligation negligently be violated, the liability of Murrelektronik GmbH shall be limited to damages that typically arise.

Subject to technical modifications or changes with regard to contents. We recommend to regularly check whether this documentation has been updated because corrections that might be required due to technical modifications will be included by Murrelektronik GmbH at regular intervals. We are always grateful for any proposals of improvement.

Copyright

It is prohibited to transfer or photocopy the documentation either in paper or in digital form, reuse or divulge its contents unless otherwise expressly permitted by Murrelektronik GmbH or in conjunction with the production of documentation for third-party products that contain products made by Murrelektronik GmbH. Any violation of this provision will result in liability for damage. All rights reserved, in particular in the event of the award of patents or registration of utility models.

Rights of use

Murrelektronik GmbH grants its customers a non-exclusive right revocable at any time and for an indefinite period of time to use this technical documentation to produce their own technical documentation. For this purpose, the documentation produced by Murrelektronik GmbH may be changed in parts, or amended, or copied, and transferred to the customer's users as part of the customer's own technical documentation on paper or on electronic media. In this case, the customers shall bear sole responsibility for the correctness of the contents of the technical documentation produced by them.

If the technical documentation is integrated in part, or in full in the customer's technical documentation, the customer shall refer to the copyright of Murrelektronik GmbH. Furthermore, special attention shall be paid to compliance with the safety instructions.

Although the customers are obliged to make reference to the copyright of Murrelektronik GmbH, provided the technical documentation of Murrelektronik GmbH is used, the customers shall market and/or use the technical documentation on their sole responsibility. The reason is that Murrelektronik GmbH has no influence on changes or applications of the technical documentation and even minor changes to the starting product or deviations in the intended applications may render incorrect the specifications contained in the technical documentation. For this reason, the customers are obliged to identify the technical documentation originating from Murrelektronik GmbH if and inasmuch as the documentation is changed by the customers. The customers shall undertake to exempt Murrelektronik from the damage claims of third parties if the latter are attributable to any deficits in the documentation. This shall not apply to damages to the rights of third parties caused deliberately or by gross negligence.

The customers shall be entitled to use the company brands of Murrelektronik GmbH exclusively for their product advertising, but only inasmuch as the products of Murrelektronik GmbH are integrated in the products marketed by the customers. When using Murrelektronik GmbH brands, the customers shall mention this in an adequate manner.



Murrelektronik GmbH | Falkenstraße 3, D-71570 Oppenweiler
☎ +49 7191 47-0 | 📠 +49 7191 47-491 000 | info@murrelektronik.com
www.murrelektronik.com

The information in this manual has been compiled with the utmost care. Liability for the correctness, completeness and topicality of the information is restricted to gross negligence.