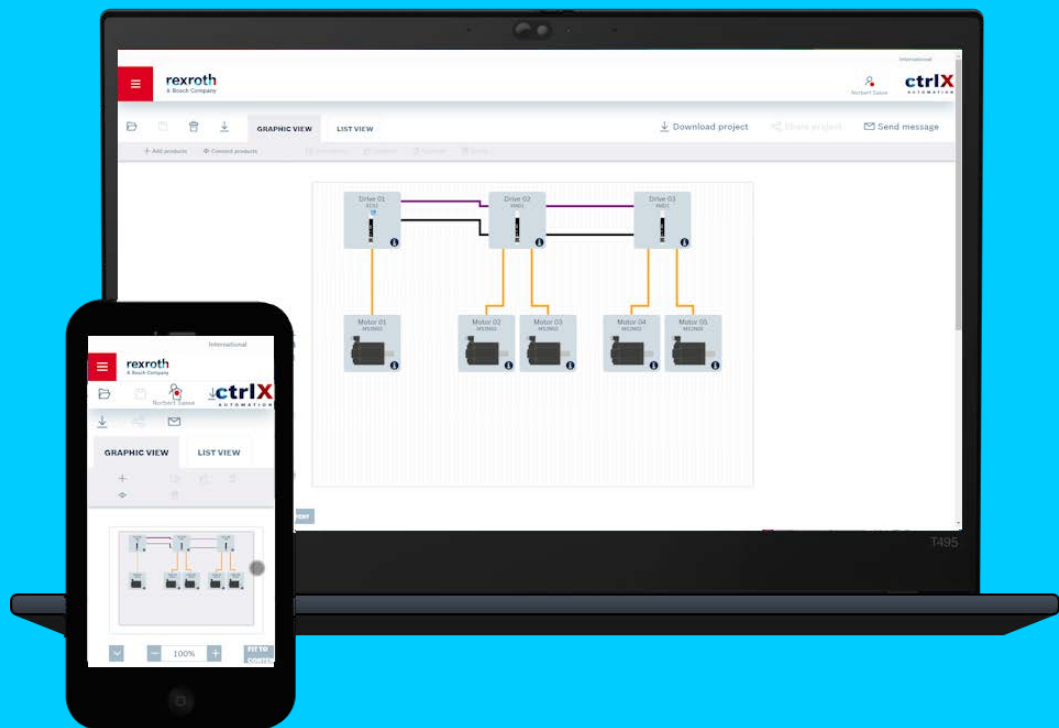


# ctrlX Configurator



Version 1.0.5 (2020-11-13)

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# Table of contents

<b>1</b>	<b>Overview .....</b>	<b>4</b>
<b>1.1</b>	<b>Releases .....</b>	<b>4</b>
<b>2</b>	<b>Resolved Bugs.....</b>	<b>5</b>
<b>2.1</b>	<b>General.....</b>	<b>5</b>
<b>2.2</b>	<b>Navigation .....</b>	<b>5</b>
<b>2.3</b>	<b>Downloads.....</b>	<b>8</b>
<b>2.4</b>	<b>Solutions .....</b>	<b>9</b>
<b>2.5</b>	<b>Product configurator motor .....</b>	<b>9</b>
<b>2.6</b>	<b>Product configurator power supply .....</b>	<b>12</b>
<b>2.7</b>	<b>Product configurator drive .....</b>	<b>13</b>
<b>2.8</b>	<b>Product configurator IPC and HMI .....</b>	<b>14</b>
<b>2.9</b>	<b>Solution configurators.....</b>	<b>15</b>
<b>2.10</b>	<b>Connection of products.....</b>	<b>15</b>
<b>3</b>	<b>New Features.....</b>	<b>17</b>
<b>3.1</b>	<b>General.....</b>	<b>17</b>
<b>3.2</b>	<b>Navigation.....</b>	<b>17</b>
<b>3.3</b>	<b>Product Configurators.....</b>	<b>18</b>
<b>3.4</b>	<b>Download CAD.....</b>	<b>19</b>
<b>3.5</b>	<b>Download XML, CSV .....</b>	<b>19</b>
<b>3.6</b>	<b>Download ECAD .....</b>	<b>20</b>
<b>4</b>	<b>Support and information.....</b>	<b>21</b>
<b>5</b>	<b>Service.....</b>	<b>21</b>

# 1 Overview

## 1.1 Releases



Table 1: Record of revisions of ctrlX Configurator

	<b>Release date</b>	<b>Change of version</b>
ctrlX Configurator	2020-11-13	Release 1.0.5
ctrlX Configurator	2019-11-25	Initial release 1.0.0

## 2 Resolved Bugs

### 2.1 General

#### 2.1.1 Parts of configurator blurred

ID 135876

Parts of the web surface are displayed blurred

#### 2.1.2 Errors in display of start page

ID 224005

Error on start page of configurator regarding display of text.

#### 2.1.3 List View – Missing numbering of groups

ID 224190

In list view, product groups do not have numbering after the project has been saved and called again.

#### 2.1.4 Incorrect display of notification dialogue

ID 236085

A conflict note in the configuration shows the ID of a characteristic value and not the corresponding translation..

#### 2.1.5 Incorrect naming of cabels in list view

ID 241434

TCP/IP cables do not display a label in the list view.

### 2.2 Navigation

#### 2.2.1 Configurator quits after browser reload

ID 152417

When reloading the website in the browser, the configurator quits and the user is directed to the Bosch Rexroth homepage. The user's configuration is lost afterwards.

#### 2.2.2 Warning when opening a configuration project

ID 149578

When opening a project using the Project ID, a warning about resetting the project appears, even if no project was previously open.

#### 2.2.3 Home page appears short and disappears again

ID 208683

In different cases, solutions cannot be added. In these cases, the home page appears only briefly and disappears again.

**2.2.4 When a browser language is selected, which is neither German nor English, the configurator displays IDs**

ID 155572

If the user has selected a browser language that is not German or English, characteristic IDs are displayed and default language is not set as English.

**2.2.5 Saving a project is not possible after long inactivity**

ID 149606

After a long inactivity of the user, an automatic log-out takes place and the project can no longer be saved.

**2.2.6 Missing MouseOver effect on input elements**

ID 135067

In the product configurators, there is no MouseOver effect on the input elements, which is defined in the corporate design of Bosch Rexroth.

**2.2.7 Loading spinner is fixed in the upper left part of the screen**

ID 136764

When creating a solution, the loading spinner is fixed to the upper left corner of the screen. Only when the mouse moves does it orient itself to the mouse position.

**2.2.8 Dialog "Add products" is not translated when changing languages**

ID 137451

If the language is changed from English to German during open "Add products" dialog, the content will not be translated. As a workaround, the dialog must be closed and reopened.

**2.2.9 The configurator start page is not responsive**

ID 194008

The configurator start page is not responsive for smaller resolutions.

**2.2.10 "Connect Products" is not grayed out when the "Add products" dialog is open**

ID 134950

When the "Add products" dialog is open, the "Connect Products" button is not grayed out and can not be used.

**2.2.11 Warning when opening a configuration project**

ID 149574

Each time a configuration project is opened, the user receives a warning about the loss of unsaved data, even if no products have yet been configured.

**2.2.12 Different errors in configuration projects**

ID 221775

There are sporadic errors in configuration projects. For example, type codes are missing from multiple products, the product preview in the motor configurator and connections are faulty.

**2.2.13 Toolbar not usable in list view**

ID 146062

The toolbar is not usable in List View because it is disabled and grayed out.

**2.2.14 Errors in the hierarchy and layout of the list view**

ID 196380

There are several errors in the list view in the hierarchy and appearance of products.

**2.2.15 Deleting products in the list view has an impact on the graphic view**

ID 137136

If products are deleted from the View list, this affects the Graphic View, the artboard is moved.

## 2.3 Downloads

### 2.3.1 Topology presentation is missing in the project summary

ID 152350

If a project summary (PDF) is downloaded from the list view of the configurator, no representation of the topology is included in the respective chapter.

### 2.3.2 Missing format SAT as CAD download

ID 140614

When downloading CAD files, the SAT format cannot be selected.

### 2.3.3 Missing table of content in project summary (PDF)

ID 143036

In the PDF project summary, the table of content does not list the parts of the PDF.

### 2.3.4 Errors in configuration and project summary

ID 206812

The configuration and project summary contains several errors in the presentation.

### 2.3.5 Correct information texts and translations

ID 197422

Incorrect information texts or translations are displayed in different places.

### 2.3.6 CAD files for product families PR and VR are not provided by e-mail

ID 173022

Upon request of the CAD files for the PR and VR product families, they will not be provided by e-mail.

### 2.3.7 CAD files for product family S20 are not provided by e-mail

ID 151626

Upon request of the CAD files for the S20 product family, they will not be provided by e-mail.

### 2.3.8 Missing typecodes as file and model name of CAD files

ID 176589

The file or model names of CAD files do not contain the typecodes of the products.



### 2.3.9 Incorrect delivery email for CAD files

ID 176579

The delivery email for CAD files that the user receives contains several errors.

## 2.4 Solutions

### 2.4.1 Position of the products has an influence on the connection

ID 146840

After positioning products on the graphic view at certain points, they can no longer be connected, although the stored configuration rules allow this.

### 2.4.2 Missing features in the details for drives and power supplies

ID 147545

In the details dialog, features are missing in the products converter, inverter and power supply.

### 2.4.3 Incorrect devices are displayed in the solution

ID 150844

After deselecting the option regenerative power supply, an inverter is still displayed in the solution templates.

## 2.5 Product configurator motor

### 2.5.1 Typecode of the motor is missing after reconfiguration

ID 146548

After reconfiguration of the standstill torque in the motor configurator to 2000 and the acceptance of the appearing message, the typecode of the product is no longer displayed.

### 2.5.2 Only the gear typecode is displayed

ID 144776

After entering some parameters in the motor configurator, an engine with attached gearbox is displayed in the preview. The typecode displays only the typecode of the gearbox.

### 2.5.3 Dimensions in dimension preview incorrect

ID 142885

For the MS2E06-C0BNN-CMSG0-NNNNNN-NN and MS2E04-C0BTN-CMSG1-NNNNN-NN variants, the lengths in the dimension preview are incorrect.

**2.5.4 Missing typecode when configuring protection class**

ID 169081

If the protection class is changed to IP 67 in the motor configurator, no typecode is displayed

**2.5.5 Information text on characteristic contains "Lorem ipsum"**

ID 145859

On the configuration feature "rotor inertia" the information text "Lorem ipsum..." is displayed.

**2.5.6 In the details, the product image of a motor-gearbox combination is displayed too large**

ID 134747

In the details of the product motor with gearbox, the product image is displayed too large and is cut off.

**2.5.7 Configuration feature fan voltage for external ventilation is not displayed**

ID 169148

When configuring the motor into a foreign-ventilated variant, the characteristic "fan voltage for external ventilation" is not displayed.

**2.5.8 Incorrect configuration preview of motor variant**

ID 141900

The MS2N04-C0BNN-AMDL1-NNNNN-NN variant displays an incorrect lid and plug on the motor.

**2.5.9 Plug direction of the motor is not taken into account in the preview**

ID 154850

In the preview of the motor configurator, the water-cooled variant does not take into account the plug direction.

**2.5.10 Display of an incorrect dimension sheet on MS2N10-E1BFA-AMVH0-NNNNN-NN**

ID 142429

In the motor configurator, the MS2N10-E1BFA-AMVH0-NNNNN-NN variant displays the wrong dimension sheet.

**2.5.11 Display of an incorrect dimension sheet on MS2N07-C0BQL-CMVH0-NNNNN-NN**

ID 142440

In the motor configurator, the MS2N07-C0BQL-CMVH0-NNNNN-NN variant displays the wrong dimension sheet.

**2.5.12 Display of an incorrect dimension sheet on MS2N10-E0BHL-CMBH0-NNNNN-NN**  
ID 142448

In the motor configurator, the MS2N10-E0BHL-CMBH0-NNNNN-NN variant displays the wrong dimension sheet.

**2.5.13 Characteristic without consideration of the gearbox**  
ID 166199

In the characteristics of engine-gear combinations, the gearboxes are not taken into account.

**2.5.14 Display of an incorrect preview on MS2N04-C0BNN-AMDH0-NNNNN-NN**  
ID 143738

For the MS2N04-C0BNN-AMDH0-NNNNN-NN motor variant, a faulty connector is displayed in the preview.

**2.5.15 Incorrect product preview pf servo motor**  
ID 143263

The MS2N10-F0BDA-CMVH0-NNNNN-NN servomotor displays the wrong product preview.

**2.5.16 Incomplete type code in product details**  
ID 143263

In the product details, the type code is truncated by the product image and thus incomplete.

**2.5.17 Download Buttons und Tabs disappear in product details dialogue**  
ID 146850

By switching between graphical view and list view, the download buttons and the detail tabs disappear in the product details.

**2.5.18 Incorrect product preview of servo motor with gearbox**  
ID 125865

In the product preview, the gearbox is incorrect attached to the engine for certain product types.

**2.5.19 Display of characteristic curves not complete**  
ID 166227

In the product details, the display of the characteristic curves is not above the total possible range.

## 2.6 Product configurator power supply

### 2.6.1 Type code of the power supply is missing after reconfiguration

ID 146111

If a Maximum required power of 180 is specified in the power supply configurator, the wrong product variant is displayed in the type code and in the 3D preview.

### 2.6.2 Display of incorrect product variant of the power supply

ID 146187

When selecting a continuous power of 60 kW in the power supply configurator, an incorrect device type is displayed.

### 2.6.3 Display of incorrect product variant of the power supply

ID 146188

When selecting a continuous power of 75 kW in the power supply configurator, an incorrect device type is displayed.

### 2.6.4 Type code of the power supply is missing after deselecting ctrlX CORE

ID 141444

After deselecting the ctrlX CORE option in the power supply configurator and selecting apps in the previously selecting apps, the power supplies type code is no longer displayed.

### 2.6.5 Crash of the power supply configurator after changing the control panel

ID 146131

After configuring the operator panel feature, the power supply configurator crashes. The preview and type code are not displayed afterwards.

### 2.6.6 Error when selecting an operator panel in the power supply configurator

ID 135867

When selecting the option "With control panel, without wireless stick" at a regenerative power supply, the configurator does not behave correctly. No type code is displayed.

### 2.6.7 Errors in the power supply configurator

ID 196566

In the power supply configurator, there are several errors in the configuration in the representation and behavior of the configurator.

### 2.6.8 EPLAN article data on suppliers not

ID 241303

The EPLAN item data cannot be retrieved from the XVR product.

## 2.7 Product configurator drive

### 2.7.1 Configurator stops responding after certain value entry

ID 148152

After entering "70.03 A" at the maximum current, the configurator stops responding and permanently displays the charging spinner.

### 2.7.2 Missing typecode when selecting the control panel for inverters

ID 146190

When configuring the inverter, the typecode is missing after selecting "control panel".

### 2.7.3 Display of an incorrect dimension image in the preview of the drives

ID 153855

When configuring drives with a larger display maximum current, incorrect images are displayed for the dimension display.

### 2.7.4 Incorrect information text on configuration characteristic when a motor is connected

ID 168108

After connection of a motor and a drive, the wrong information text is displayed in the drive configurator on the characteristic "maximum torque drive".

### 2.7.5 Increase in maximum current leads to the change to the inverter

ID 148156

If the maximum current in the drive configurator is increased, the configurator switches to the inverter.

### 2.7.6 File name of the dimension image appears as a MouseOver effect

ID 145383

In the drive configurator, the dimension image shows a MouseOver effect, which contains the file name of the image.

### 2.7.7 Error in configuration of inverter

ID 141025

Conflicts occur by configuring the shield connection and maximum current features in combination.

### 2.7.8 Incorrect mains choke

ID 241691

For drives, the wrong mains choke is displayed in different configurations.

**2.7.9 Missing default value of capacity modules**

ID 242098

The number of capacity modules characteristic does not have the default value when selecting the option.

## **2.8 Product configurator IPC and HMI**

**2.8.1 Incomplete type code of PCs is displayed in preview and list view**

ID 143881

An incomplete type code is displayed in the list view and the preview of the configuration of the PCs.

**2.8.2 Incorrect licence packages of PR/VR**

ID 196697

In configuration of IPC PR/VR the selected license packages are shown.

**2.8.3 Incorrect default values of PR/VR**

ID 196785

Incorrect license packages are shown in the configurator for PR/VR.

## 2.9 Solution configurators

### 2.9.1 Solution double-axis drive-motor preconfigured with ctrlX CORE

ID 148569

When selecting a solution double-axis drive motor, the drive is always preconfigured with the ctrlX CORE option.

### 2.9.2 Incorrect representation of configurators for solutions

ID 134644

A gray vertical stroke appears in the solutions configurators.

## 2.10 Connection of products

### 2.10.1 Connection between drive and motor becomes invalid after motor configuration

ID 146566

After two motors have been connected with a double-axis drive, the torque of the drive is increased. The connections are then shown as faulty, even if this should be technically possible.

### 2.10.2 Incorrect connection between converter, inverter and power supply

ID 143225

After inverters and power supply as well as converters and inverters have been connected by DC Bus, converters and inverters are connected. Subsequently, the connection between the power supply and the inverter appears is incorrect, even if this is permitted by the rules.

### 2.10.3 Connection between two drive-integrated controllers not possible

ID 147404

Two converters with the ctrlX CORE option selected cannot be connected using a TCP/IP cable.

### 2.10.4 Error on the connection between converter and I/O station

ID 143766

After connecting the converter and the I/O station, the cable is displayed incorrectly in the "Show details" dialog.

### 2.10.5 Cable lengths cannot be selected

ID 148994

On the connections between a display and a Box PC, the CDI+ cables, not all possible lengths of the cables are selectable.

**2.10.6 Type code power cable between drive and motor is not visible in the details and the list view**

ID 154838

When a motor is connected to an inverter, the type code is not displayed in the "Show details" dialog and in the list view.

**2.10.7 Description of the connection type in the wrong language**

ID 146080

If the location is Germany and the language German is set, selecting the connection type will use the wrong language for the description text.

**2.10.8 Incorrect connection between drive and motor**

ID 154378

When configuring a motor drive combination via a solution, incorrect connections are displayed in different configurations.



## 3 New Features

### 3.1 General

#### 3.1.1 Automatic language setting

ID 197269

The configurator takes over the user language setting of web browser.

### 3.2 Navigation

#### 3.2.1 Extended links in header and navigation bar

ID 199375

The logos in the configurator's header are now linked to the Bosch Rexroth website and the ctrlX AUTOMATION product page. New icons on the command line will cause the ctrlX Configurator home page to be called up and open a new configuration project.

#### 3.2.2 Breadcrumb Navigation

ID 139439

For easier navigation, a breadcrumb navigation is available in the header.

## 3.3 Product Configurators

### 3.3.1 Revision of product configurator for drives

ID 196576

As a result of product updates, a revision and improvement of the product configurator for drives has been implemented.

### 3.3.2 Revision of product configurator for power supply

ID 242124

As a result of product updates, a revision and improvement of the product configurator for power supply has been implemented.

### 3.3.3 Revision of product configurator for I/O

ID 206823

The I/O configurator has been revised for easier handling.

### 3.3.4 Support of configuration of PR/VR with software version 15

ID 196764

Support of software version 15 and adaptation of the product configurator for PR/VR.

### 3.3.5 Revision of control ctrlX CORE in drive

ID 197934

Due to product updates, the product configurator for drives tab Control Apps was reworked.

### 3.3.6 Revision of drive accessories

ID 206831

The accessories of the drives have been reworked in the product configurators for inverters and power supply.

### 3.3.7 Integration of characteristics curves for motor drive combinations

ID 227432

So far, only the characteristics for motors are displayed. Due to the further development, characteristic curves of motors and drives are also displayed in combination.

### 3.3.8 Integration of characteristics curves for motor drive combinations in documentation

ID 176327

The integrated characteristics of motor-drive combination is now shown in the product summary.

### **3.3.9 Integration of characteristic curves in web components**

ID 176330

Thanks to the integrated characteristics as web components, it is now possible to display interactive graphics in the product details and also to compare characteristics of motors.

## **3.4 Download CAD**

### **3.4.1 Additional download of 2D CAD files**

ID 139355

In addition to 3D CAD file formats, 2D CAD file formats can be requested for products, which are then provided by mail.

### **3.4.2 Additional download of 2D shaded models with edges**

ID 173029

In addition to the currently available wireframe CAD models, full models can now also be requested, which are then provided by e-mail.

## **3.5 Download XML, CSV**

### **3.5.1 Download of XML export file for SAP (internal)**

ID 151040

For Bosch Rexroth Sales, it is possible to download an XML file that allows import into the internal SAP system for quotation creation.

### **3.5.2 Download of CSV export file**

ID 206799

The CSV file can be downloaded to complete configuration projects.

## 3.6 Download ECAD

### 3.6.1 Improved download of ECAD files

ID 202819

ECAD item data for individual products and complete projects can now be requested and downloaded via an extended ECAD interface. A link to the ECAD platform from Bosch Rexroth is provided to the user.

## 4 Support and information

For information on ctrlX AUTOMATION please visit [www.boschrexroth.com/ctrlx-automation](http://www.boschrexroth.com/ctrlx-automation).

For support and more information on ctrlX Configurator please visit ctrlX AUTOMATION Community <https://apps.boschrexroth.com/microsites/ctrlx-automation/en/service-support/ctrlx-automation-community>

## 5 Service

Our worldwide service network provides an optimized and efficient support. Our experts offer you advice and assistance should you have any queries. You can contact us 24/7.

### Service Germany

Our technology-oriented Competence Center in Lohr, Germany, is responsible for all your service-related queries for electric drive and controls.

Contact the Service Hotline and Service Helpdesk:

Phone: +49 9352 40 5060

Fax: +49 9352 18 4941

E-mail: [service.svc@boschrexroth.de](mailto:service.svc@boschrexroth.de)

Internet: <http://www.boschrexroth.com>

Additional information on service, repair (e.g. delivery addresses) and training can be found on our internet sites.

### Service worldwide

Outside Germany, please contact your local service office first. For hotline numbers, refer to the sales office addresses on the internet.

### Preparing information

To be able to help you more quickly and efficiently, please have the following information ready:

Detailed description of malfunction and circumstances

Type plate specifications of the affected products, in particular type codes and serial numbers

Your contact data (phone and fax number as well as your e-mail address)



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