



# CADMATIC

## CADMATIC Electrical

Release notes

2023T3

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## Release notes

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The release notes for CADMATIC Electrical version 2023T3 are described in this document.

The following conventions apply to these release notes:

- Filenames, pathnames and environment variables are in *italics*.
- Commands, options, dialog names, and menu choices shown in the user interface are in **bold**.

## Cabinet Layout

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### New and improved features

Project information/settings	<p>In project information/settings, the <b>Standard/locale</b> setting has been moved from the <b>Common, symbols</b> section to the <b>Common</b> section. Furthermore, <b>Standard</b> and <b>Locale</b> are now separate settings.</p> <p>When IEC is selected as the standard, the <b>Locale</b> setting is also taken into account for Finland, Estonia and Sweden:</p> <ul style="list-style-type: none"> <li>• If you select <b>Finland, Estonia</b> or <b>Sweden</b> as the location, the symbol menu will include symbols according to the old <b>IEC, Finland, IEC, Estonia</b> or <b>IEC, Sweden</b> setting.</li> <li>• If you do not select a country or you select something else than <b>Finland, Sweden</b> or <b>Estonia</b>, the symbol menu will include the general IEC symbols.</li> </ul>
Electrical window	<p>A scrollbar has been added to the <b>Electrical</b> window, in the bottom part that shows the information for the selected item. The scrollbar appears when the selected item has so many information rows that they are not all visible.</p>
Information box	<p>When using the project tree function <b>Show from drawing</b>, the information box is now shown when zooming or panning. This enables viewing the object in detail while keeping its information visible.</p>
Drawings handling	<p>You can now save customer drawings to the same sub-directories as in the document tree with the new option <b>Save in the directory</b></p>

	<p><b>corresponding to the project tree.</b></p> <p>For example, if the drawings are in the <i>Schema</i> directory in the document tree and you select to save to the drawing directory, the customer drawings will then be saved to <i>[drawing directory]\Schema</i>.</p>
Product model	<p>If a symbol assigned for a product model is changed after creating the product model, it is now possible to update the symbol icon with the <b>Update icon</b> button. After the update, the updated symbol icon is also shown on the <b>Symbols</b> tab in the <b>Device properties</b> dialog.</p>

## Distribution Board

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### New and improved features

Project information/settings	<p>In project information/settings, the <b>Standard/locale</b> setting has been moved from the <b>Common, symbols</b> section to the <b>Common</b> section. Furthermore, <b>Standard</b> and <b>Locale</b> are now separate settings.</p> <p>When IEC is selected as the standard, the <b>Locale</b> setting is also taken into account for Finland, Estonia and Sweden:</p> <ul style="list-style-type: none"> <li>• If you select <b>Finland, Estonia</b> or <b>Sweden</b> as the location, the symbol menu will include symbols according to the old <b>IEC, Finland, IEC, Estonia</b> or <b>IEC, Sweden</b> setting.</li> <li>• If you do not select a country or you select something else than <b>Finland, Sweden</b> or <b>Estonia</b>, the symbol menu will include the general IEC symbols.</li> </ul>
Electrical window	<p>A scrollbar has been added to the <b>Electrical</b> window, in the bottom part that shows the information for the selected item. The scrollbar appears when the selected item has so many information rows that they are not all visible.</p>
Information box	<p>When using the project tree function <b>Show from drawing</b>, the information box is now shown when zooming or panning. This enables viewing the object in detail while keeping its information visible.</p>

<p>Schema drawings/sheets handling</p>	<p>You can now save customer drawings to the same sub-directories as in the document tree with the new option <b>Save in the directory corresponding to the project tree</b>.</p> <p>For example, if the drawings are in the <i>Schema</i> directory in the document tree and you select to save to the drawing directory, the customer drawings will then be saved to <i>[drawing directory]\Schema</i>.</p>
<p>Distribution board functions</p>	<p>The <b>Show group mark in Layout drawing</b> function is now available in the right-click menu for feeders. The function opens the layout drawing in which the selected group/feeder exists.</p>
<p>Functions</p>	<p>The auxiliary function <b>Link graphics to Distribution Board Schema rows</b> is now also available in the right-click menu: select the row you want to link, right-click and select the function.</p>
<p>Symbol packages</p>	<p>The <b>Save user's output package</b> function no longer limits the number of packages.</p>
<p>Product model</p>	<p>If a symbol assigned for a product model is changed after creating the product model, it is now possible to update the symbol icon with the <b>Update icon</b> button. After the update, the updated symbol icon is also shown on the <b>Symbols</b> tab in the <b>Device properties</b> dialog.</p>

## Bug fixes

- Opening a drawing resulted in a critical error but the drawing was still opened.
- When opening a drawing created in an older version, some symbols disappeared.
- Opening a drawing made with an older version resulted in an error.
- When a drawing of type **Distribution Board Schema** was saved outside the project and then opened for the first time, symbol information was sometimes removed.
- Opening a drawing including a symbol without graphics resulted in an error.
- When importing groups from a layout drawing to a distribution board schema, the distribution board electrical position was empty.
- Cable type was not correctly shown in distribution board documents.
- The **Create Distribution Board Schema rows to another** auxiliary function did not set a default

system for a new group.

- The **Swap with another group** function did not work as should.

## Layout

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### New and improved features

<p>Project information/settings</p>	<p>In project information/settings, the <b>Standard/locale</b> setting has been moved from the <b>Common, symbols</b> section to the <b>Common</b> section. Furthermore, <b>Standard</b> and <b>Locale</b> are now separate settings.</p> <p>When IEC is selected as the standard, the <b>Locale</b> setting is also taken into account for Finland, Estonia and Sweden:</p> <ul style="list-style-type: none"> <li>• If you select <b>Finland, Estonia</b> or <b>Sweden</b> as the location, the symbol menu will include symbols according to the old <b>IEC, Finland, IEC, Estonia</b> or <b>IEC, Sweden</b> setting.</li> <li>• If you do not select a country or you select something else than <b>Finland, Sweden</b> or <b>Estonia</b>, the symbol menu will include the general IEC symbols.</li> </ul>
<p>Electrical window</p>	<p>A scrollbar has been added to the <b>Electrical</b> window, in the bottom part that shows the information for the selected item. The scrollbar appears when the selected item has so many information rows that they are not all visible.</p>
<p>Information box</p>	<p>When using the project tree function <b>Show from drawing</b>, the information box is now shown when zooming or panning. This enables viewing the object in detail while keeping its information visible.</p>
<p>Symbol functions</p>	<p>When a cable marking is changed with a running ID, the cable ID is changed accordingly.</p>
<p>Functions</p>	<p>The following changes have been made to the <b>Insert object info to drawing</b> function:</p> <ul style="list-style-type: none"> <li>• It is possible to add product information even when product information has not been assigned to the device.</li> <li>• It is possible to add the cable description for a cable.</li> </ul>

	<ul style="list-style-type: none"> <li>• For protective devices, it is possible to add the basic device information.</li> </ul>
Wiring and markings	<p>The following changes have been made to the wiring functions:</p> <ul style="list-style-type: none"> <li>• In the <b>Wiring</b> window, it is now possible to select the <b>Running ID</b> option. When the option has been selected, wires will be numbered consecutively.</li> <li>• You can now also edit cable packages with the <b>Edit cable</b> function; when you select a cable package, the <b>Cable package properties</b> dialog opens.</li> </ul>
Drawing handling	<p>You can now save customer drawings to the same sub-directories as in the document tree with the new option <b>Save in the directory corresponding to the project tree</b>.</p> <p>For example, if the drawings are in the <i>Schema</i> directory in the document tree and you select to save to the drawing directory, the customer drawings will then be saved to <i>[drawing directory]\Schema</i>.</p>
Distribution board functions	<p>The following changes have been made to the distribution board functions:</p> <ul style="list-style-type: none"> <li>• The logic behind removing feeders has been improved: When you remove a feeder with a cable who has an occurrence, it is no longer automatically set as To be deleted. If the cable does not have an occurrence, it is removed normally.</li> <li>• <b>Automatic removal allowed</b> is automatically disabled from feeders between distribution boards.</li> </ul>
Boundaries	<p>You can add additional information to reference drawings with boundaries that create the additional information.</p> <ul style="list-style-type: none"> <li>• Additional information boundaries coming from reference drawings are especially helpful in multi-user environments, when the same boundaries are needed in several drawings.</li> <li>• After the additional information boundaries have been created, the additional information does not automatically affect the additional information of the parent object inside the boundaries,</li> </ul>

	<p>other than by preventing the deletion of that additional information. In other words, changing the values for the additional information boundaries later does not affect the values of additional information already added.</p> <ul style="list-style-type: none"> <li>• If the reference drawing file is added to the project, all the project's additional information is available and can then be edited like any other information defined for devices.</li> <li>• If project-specific additional information is not used, the reference drawing file does not need to be in the project.</li> </ul>
Raceways	The 3D mode now also shows raceways in 3D instead of 2D.
Product model	<p>The following changes have been made to the product model related functions:</p> <ul style="list-style-type: none"> <li>• In the <b>Product model</b> project tree, the right-click menu functions have been unified between the Design mode and the Print mode – previously, there were a lot less options available in the Print mode. Furthermore, when selecting to insert a device or to convert to product model's device in Print mode, the program automatically changes to Design mode.</li> <li>• If a symbol assigned for a product model is changed after creating the product model, it is now possible to update the symbol icon with the <b>Update icon</b> button. After the update, the updated symbol icon is also shown on the <b>Symbols</b> tab in the <b>Device properties</b> dialog.</li> </ul>

## Bug fixes

- Opening drawings with lots of content was sometimes slow or aborted.
- Opening drawings made in earlier versions sometimes crashed the application.
- Opening a drawing created in an older version sometimes crashed the application during the cable connection check.
- The raceways for slight rises with alignment line were not drawn correctly.
- Raceway T-branches were not shown correctly.
- Connecting raceways sometimes resulted in an error.



- Adding a drawing as a reference drawing broke the 3D raceways.
- The second product model device occurrence did not follow device properties.
- After using a product model related function in the **Positions** project tree, the position icon changed to the product model icon.
- In Distribution board and group management, changing the column width did not work as should.
- In Distribution Board and Group management, moving a group from one distribution board to another where the same group number already existed created a duplicate group.
- When importing devices with = and/or + in the ID from P&ID, devices were created incorrectly.
- It was possible to import devices from P&ID with the same ID.
- It was not possible to add feeder information for protective devices and wirings with the **Insert object info to drawing** function.
- It was possible to select the cable package type in the **Insert object info to drawing** function but when inserted, it was not shown.
- When copying a cable or a cable package with cable marking, the marking system was sometimes changed for the new cable / cable package.
- It was not possible to select a cable package as the wiring for a feeder when the drawing was not in the project.
- In the **Distribution Board properties** dialog, it was not possible to select a symbol with the **From drawing** and **File** options.
- When a protective device was disabled in the **Group / feeder properties** dialog, it was still left in the project tree even when automatic removal was allowed.
- Deleting the last protective device occurrence from a drawing also deleted it from the feeder properties.
- It was not possible to insert the access control symbol **SHV0412\_2** via the symbol selection window.
- Opening the symbol selection window sometimes crashed the application.
- The **Mark a location ID into drawing** function with the option **Leader** did not work when the customer ID was shown.
- Selecting other than group symbols with the **Explore the space needed for selected cables** function crashed the application.
- Editing and updating symbol's scale factors was slow.

- When changing the mode to 2D & 3D and then back to 2D, the cable trays were left to 3D.
- When the feeder occurrence was changed into another feeder occurrence, the wiring length was not calculated.
- In **Layout, schema** drawings, the wire markings were not moved with wiring.
- Wire references between drawings resulted in an error.
- It was not possible to insert a distribution board to a **Layout, Schema** drawing if the distribution board was in another drawing of the same type.
- The **Insert symbols on element** function did not prompt for size when inserting scalable light fixtures.
- Changing distribution board ID in the **Properties** window resulted in additional wirings.
- The **Export groups data to manufacturers Distribution Board Schema** function did not export all group data.
- When updating missing settings for a settings file after installation, the layers were created in Finnish.
- Element electrification did not work correctly with symbols that had 3D rotation set on Y-axis.

## Schematics

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### New and improved features

<p>Project information/settings</p>	<p>In project information/settings, the <b>Standard/locale</b> setting has been moved from the <b>Common, symbols</b> section to the <b>Common</b> section. Furthermore, <b>Standard</b> and <b>Locale</b> are now separate settings.</p> <p>When IEC is selected as the standard, the <b>Locale</b> setting is also taken into account for Finland, Estonia and Sweden:</p> <ul style="list-style-type: none"> <li>• If you select <b>Finland, Estonia</b> or <b>Sweden</b> as the location, the symbol menu will include symbols according to the old <b>IEC, Finland, IEC, Estonia</b> or <b>IEC, Sweden</b> setting.</li> <li>• If you do not select a country or you select something else than <b>Finland, Sweden</b> or <b>Estonia</b>, the symbol menu will include the general IEC symbols.</li> </ul>
<p>Electrical window</p>	<p>A scrollbar has been added to the <b>Electrical</b> window, in the bottom</p>

	<p>part that shows the information for the selected item. The scrollbar appears when the selected item has so many information rows that they are not all visible.</p>
Information box	<p>When using the project tree function <b>Show from drawing</b>, the information box is now shown when zooming or panning. This enables viewing the object in detail while keeping its information visible.</p>
Project tree	<p>The following functions are now available for feeders in the right-click menu:</p> <ul style="list-style-type: none"> <li>• <b>Insert an occurrence of this device into drawing</b></li> <li>• <b>Assign a device in the drawing as a protective device to this feeder</b>; if the selected feeder already has a protective device, or the indicated protective device has already been assigned to a feeder (either the selected feeder or another one) the user will be notified.</li> <li>• <b>Assign a wiring in the drawing as a wiring to this feeder</b>; if the selected feeder already has a wiring, or the indicated wiring has already been assigned to a feeder (either the selected feeder or another on) the user will be notified.</li> <li>• <b>Draw wiring into drawing</b></li> </ul>
Schema drawings/sheets handling	<p>You can now save customer drawings to the same sub-directories as in the document tree with the new option <b>Save in the directory corresponding to the project tree</b>.</p> <p>For example, if the drawings are in the <i>Schema</i> directory in the document tree and you select to save to the drawing directory, the customer drawings will then be saved to <i>[drawing directory]\Schema</i>.</p>
Symbols	<p>The following changes have been made to the symbol functions:</p> <ul style="list-style-type: none"> <li>• You can now create load diagrams. The load diagrams include protective device information, cable information and the supplying busbar, for example.</li> </ul>

	<ul style="list-style-type: none"> <li>Wiring points have been added for earthing symbols <b>SPMUU030</b> and <b>SPMUU039</b>.</li> </ul>
<p>Functions</p>	<p>In Electrical Premium, the following changes have been made to the functions:</p> <ul style="list-style-type: none"> <li>The following changes have been made to the <b>Insert object info to drawing</b> function: <ul style="list-style-type: none"> <li>It is possible to add product information even when product information has not been assigned to the device.</li> <li>It is possible to add the cable description for a cable.</li> <li>It is possible to add I/O channels' I/O tags.</li> </ul> </li> <li>The following changes have been made to circuit generation: <ul style="list-style-type: none"> <li>Previously, it was possible to link an I/O, circuit and device to the same object. Now, all the other links are removed when a new one is made.</li> <li>It is now possible to link a circuit device for a label so that the label can be given the desired location information. If the label has circuit attributes, circuit data will also be assigned for the label.</li> <li>It is now possible to link to a device boundary.</li> <li>The terminal strip ID is updated according to the terminal block when the block is changed via wiring connection. The terminal strip needs to be inside the same location boundaries as the terminal block, and it cannot be linked to circuit data.</li> <li>Location boundaries are updated according to the terminal block location when the block is changed via wiring connection. The terminal block needs to be inside the boundaries. The location boundary cannot be linked to circuit data.</li> </ul> </li> </ul>
<p>Wiring</p>	<p>In Electrical Premium, the following changes have been made to the wiring functions:</p>

	<ul style="list-style-type: none"> <li>• The following changes have been made in the <b>Wiring</b> window:             <ul style="list-style-type: none"> <li>◦ The application now remembers the selections made by the user and offers them by default the next time.</li> <li>◦ The settings for wires, cables and cable packages are grouped below the <b>Settings</b> heading.</li> <li>◦ The <b>ID</b> field now shows the next consecutive ID as a suggestion for new cables and cable packages. The field is highlighted with green when a new cable or cable package is about to be created.</li> </ul> </li> <li>• Signal type is now required information for cable type wires. By default, new wires are assigned the cable type <b>SIG</b>.</li> </ul>
Product model	<p>If a symbol assigned for a product model is changed after creating the product model, it is now possible to update the symbol icon with the <b>Update icon</b> button. After the update, the updated symbol icon is also shown on the <b>Symbols</b> tab in the <b>Device properties</b> dialog.</p>

## Bug fixes

- When the product information setting **Clear product data attributes if no product data exists** was enabled, the attributes were cleared even though the drawing was not in the database.
- In the **Insert terminal block / connector** dialog, the **Position of ID** setting did not work.
- Using the **Insert terminal block in drawing** function from the **Devices (location)** project tree crashed the application.
- When a cable created in the **Group** dialog was inserted during the same session, the cable marking was lost.
- When importing devices with = and/or + in the ID from P&ID, devices were created incorrectly.
- It was possible to import devices from P&ID with the same ID.
- The **Extend wiring** and **Extend wire** functions resulted in an error.
- When a device connector was inserted for a product model device, it was assigned the wrong symbol tag.
- When generating circuits, attributes were not stacked.

- Symbol menus created by the user were not available when saving symbols.
- In some cases, unwanted wirings were created.
- Opening the symbol selection window sometimes crashed the application.
- When generating drawings from circuits, linking an I/O index to location boundaries did not work.
- Sometimes after clipboard import, layers were not created correctly as some elements were not handled as new.
- The **Find/replace text or attribute** function did not follow the rules for replacement.
- When redrawing a wire, the wire marking did not follow.
- Redrawing a wire differently from the original did not affect the wire markings.
- When drawing cables or cable packages with the **Next cable automatically** setting enabled, ID numbering was not continued correctly when the ID started with a number.
- The **Edit values for copied objects** function did not number items correctly.
- It was not possible to change the terminal strip connector bar ID when the terminal strip was in the main circuit.
- When disconnecting several consecutive I/O channels via the project tree, the tree was not updated correctly.
- When copying sheets, the device boundaries were sometimes handled before the location boundaries around them.
- In SQL server environment, the program sometimes tried to save the symbol standard setting to the *EDBUser.mdb* file with the wrong project number which resulted in an error.
- Clipboard copying between two projects sometimes resulted in an error when the copied objects included cable packages.
- It was not possible to insert fire symbols via the symbol selection window.



# Electrical DB (Premium)

## New and improved features

Database updates	<p>The following changes have been made to database updates:</p> <ul style="list-style-type: none"> <li>• When the database is older than the program's database version, the user is notified – the update can now easily be started via this notification.</li> <li>• When the program detects that shared databases should be updated, the user will also be shown the shared database directory and the old device database versions.</li> </ul>
Settings	<p>It is now possible to select the languages shown in different functions. Until now, product information and reports, for example, have listed all the possible language versions – now the user can select to show only the relevant ones.</p>
Project information/settings	<p>The following changes have been made to the project information/settings:</p> <ul style="list-style-type: none"> <li>• The <b>Standard</b> and <b>Locale</b> settings have been moved from the <b>Common, symbols</b> section to the <b>Common</b> section. Furthermore, <b>Standard</b> and <b>Locale</b> are now separate settings. When IEC is selected as the standard, the <b>Locale</b> setting is also taken into account for Finland, Estonia and Sweden: <ul style="list-style-type: none"> <li>◦ If you select <b>Finland, Estonia</b> or <b>Sweden</b> as the location, the symbol menu will include symbols according to the old <b>IEC, Finland, IEC, Estonia</b> or <b>IEC, Sweden</b> setting.</li> <li>◦ If you do not select a country or you select something else than <b>Finland, Sweden</b> or <b>Estonia</b>, the symbol menu will include the general IEC symbols.</li> </ul> </li> <li>• In <b>Common, symbols</b>, when you have selected to copy your own symbol definitions your own cable marking symbol definitions will also be copied when you change the default cable marking symbol in the project settings.</li> </ul>

Project tree	<p><b>User's selection list</b> is now available as an option based on which you can view items in the grid. When you select <b>User's selection list</b> from the project tree drop-down menu, only the options from your list will be shown. This is especially useful in big projects as you no longer need to scroll to the end of the project tree to select the option.</p>
Devices	<p>The following changes have been made to devices:</p> <ul style="list-style-type: none"> <li>• In the <b>Device properties</b> dialog, searching for the device type is no longer case-sensitive; entering any character in the field will start the search.</li> <li>• The removal of product model information from a device has been improved. When you remove the product model from a device in the <b>Device properties</b> dialog, the <b>Remove product model information from device</b> dialog opens and you can select the information you want to remove.</li> <li>• In the <b>Device properties</b> dialog, it is now possible to remove I/O card information from a device with the new <b>X</b> button in the <b>I/O card properties</b> section. The button is shown when the device type is something else than <b>I/O card</b> and the device has I/O card information. It is not possible to remove I/O card information from the I/O card itself.</li> </ul>
Cable types	<p>Signal type is now required information for cable type wires. By default, new wires are assigned the cable type <b>SIG</b>.</p>
Product information	<p>In product information management, you can now replace product information from another product information database with the <b>Replace selected</b> button. You can find the same function by right-clicking in the grid.</p> <p>The function replaces product information with the same item code regardless of the database reference. It also replaces the references, and removes excess information when several pieces of product information with the same item code is found.</p>
I/O functions	<p>The following changes have been made to the I/O functions:</p>



	<ul style="list-style-type: none"> <li>• A new address creation rule has been added for I/O cards. The rule {25} takes the value from the channel's <b>Card ID field</b>, i.e. the sub-device ID without the rack ID. For example, if the rack is <b>A200-A10</b> and the card ID is <b>A200-A10-AB-100</b>, the value without the rack ID is <b>AB-100</b>.</li> <li>• In the <b>Device properties</b> dialog, it is now possible to remove I/O card information from a device with the new  button in the <b>I/O card properties</b> section. The button is shown when the device type is something else than <b>I/O card</b> and the device has I/O card information. It is not possible to remove I/O card information from the I/O card itself.</li> </ul>
Documents	<p>In the <b>Documents</b> grid, it is now possible to organize the documents by document type and the sheet number. By default, the documents are first organized by type and then by sheet number from the smallest to the biggest.</p>
Dynamic customer ID	<p>In the <b>Generation rule</b> field, it now reads <b>New</b> when you are creating a new rule.</p>
Import	<p>In the <b>Import definition management</b> dialog, it is now possible to organize the columns by dragging and dropping.</p>
Reports	<p>The following changes have been made to the reporting functions:</p> <ul style="list-style-type: none"> <li>• XML has been added as a new report export option. With XML reports, it is easier to export information from CADMATIC Electrical to other systems.             <ul style="list-style-type: none"> <li>◦ The selected template's file extension needs to be .xslt.</li> <li>◦ A new report template, <i>DevicelistbyFullIDs.xslt</i>, is available.</li> <li>◦ XML reports can be saved to a project, in which case you can then assign a label and additional information on the <b>Documents</b> tab.</li> <li>◦ You can update the XML reports just like any other reports.</li> </ul> </li> <li>• When creating a report, it is now easy to access the DB settings with the  button.</li> <li>• You can save the path either as absolute or relative to project</li> </ul>

	<p>folder. In Excel files, the path information is saved to the <b>ExportInfo</b> sheet.</p> <ul style="list-style-type: none"><li>• The <b>Filename</b> and <b>Sheets</b> columns have been added to the following reports:<ul style="list-style-type: none"><li>◦ <b>Terminal internal connections</b></li><li>◦ <b>Wire harnesses</b></li><li>◦ <b>Wirings by devices</b></li><li>◦ <b>Terminal strip connections</b></li><li>◦ <b>All single wirings.</b></li></ul></li></ul> <p>With these columns, you can see which documents and which sheets have wire or terminal strip occurrences. If there are occurrences in multiple documents and multiple sheets, the sheets are separated with a semicolon.</p> <ul style="list-style-type: none"><li>• In <b>Cable connections list</b>, the additional information and name for wires are now also included.</li><li>• In part list reports, cable and cable package product information is now included. In addition, cable type product information will be taken into account: if a cable has the same product information as the cable type, only the cable's product information is included.</li></ul>
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## Bug fixes

- In multi-level terminal blocks, the attribute was run instead of the part number.
- In CAD lists, creating a **Terminal block connection diagram** resulted in an error.
- Disconnecting an I/O and then reconnecting it resulted in an error when synchronizing the changes.
- On the **I/O channels** tab, the background color for editable cells was gray instead of white.
- When a device's type was changed from I/O card to something else, it was not possible to remove the I/O card information from the device.
- In DB reports, creating parts lists resulted in an error if the project included cables marked to be included in parts lists.

- When copying a cable and changing its **From** or **To** information, the updated values were not shown in the grid.
- In **Reports**, creating device lists by occurrences and by IDs was slow.
- It was possible to change a cable's **From/To** information in the database even though the cable had occurrences.
- The clean-up function crashed the application if it was executed when removing a document from a project or in clipboard project import and included terminal blocks.
- The **Generate multiple terminal blocks** function added pins to terminal strips instead of terminal blocks.
- Reports missing from the project directory were not indicated in the project tree in any way, which then resulted in errors when trying to update or rename them.
- Editing device's product information resulted in an error when product information had been deleted from the device during the same session.
- Editing your own cables or wire indexes resulted in an error.
- When the **Wiring connections** dialog was opened from the **Wires** tab in the **Cable properties** dialog, saving was not possible.
- When creating a new regex rule for a dynamic customer ID, a restart was required for it to be available.
- When creating a new report, the prefix was added twice.
- Device lists did not include additional information.
- Copying product information created an additional copy.
- Opening the application for the first time after installation or an update occasionally resulted in an error.
- When editing a device and clicking on a symbol icon on the **Symbols** tab, multiple dialogs opened.
- Product information defined for a cable were not shown immediately on the **Product information** tab.
- In the **Cable properties** dialog, it was possible to edit the item code and thus change the code for all cables using the same type.
- Product information assigned for cable types was not shown in the **Sum list of cable products** report.
- It was possible to delete a drawing that was currently open.

- When creating a new drawing in an SQL project and selecting to add it to the database, the application tried to save project settings with the SQL project number to the *EDBUser.mdb* database.
- It was possible to create duplicate electrical positions when editing a location.
- Changing the cable wire index sometimes resulted in an error.
- It was not possible to remove the product model assigned to a device.
- Removing or updating product model information did not work automatically when **Clear product data attributes if no product data exists** was enabled in project settings.
- Changes made in product information management settings did not update until product information management was restarted.
- In DB reports, all the editing information was shown even though the **Show entire editor information** setting was not enabled.
- In clean-up, when the **Feeders** option below **Uninserted symbols** was enabled the function always removed the distribution board schema symbols.
- The clean-up function did not check whether the device had been exported to Plant Modeller.
- Updating an .mbd project from 2022 to 2023 was sometimes aborted.
- Pins were sometimes removed from product models with device type I/O card when the models were edited and updated to projects.
- In Excel import, there were several issues related to groups and feeders: it was not possible to import symbols, protective devices were only created when the protective device full ID was given, and feeders were not assigned a busbar automatically unless the busbar full ID was given.