



**SHAREVISUAL
Danieli SLD application
User Manual**

Technical document

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1. INTRODUCTION	4
2. INSTALLATION	4
3. USER GUIDE	7
3.1. FILE DRAWING CREATION	7
3.2. DRAWING MODIFICATION	9
3.2.1. Diesel Generator Shape	9
3.2.2. Drives and Main motors shapes	10
3.2.3. LV Power Circuit Breaker shapes	12
3.2.4. LV Switchboard Legend Shape	13
3.2.5. MV Main Component shapes	17
3.2.6. MV Miscellaneous shapes	18
3.2.7. MV PFC Filters	19
3.2.8. PowerCenter Meter shapes	21
3.2.9. Power Center Miscellaneous	22
3.2.10. Power Transformer Miscellaneous	24
3.2.11. Power Transformer Transformer	25
3.2.12. Q-One shapes.	29
3.2.13. Wiring Component shapes	31
3.3. CONNECTING AND PROPAGATING RATED CURRENT	32
3.3.1. Using the Circuit breaker shape	32
3.3.2. Using the Circuit breaker with terminal	36
3.4. SYNCHRONIZATION WITH EXCEL	39
3.5. BACKGROUND MODIFICATION	41
3.6. MODIFYING THE PAGE SIZE	42
3.7. TRANSLATE THE DIAGRAM.	43
3.7.1. Translating from the diagram	43
3.7.2. Translating using from the Excel file	47
3.8. DUPLICATION FEATURE	49
3.8.1. Static duplication of elements	49
3.8.2. Interactive duplication of elements	52
3.9. ADD LEGEND FEATURE	54
3.9.1. Sorting the element	55
3.9.2. Choosing the legend elements	57
3.9.3. Modifying the Master Label	58
4. CUSTOMIZING THE SOLUTION	59
4.1. DEFINING DEFAULT VALUE OF THE MASTER SHAPES	59
4.2. CUSTOMIZING DIALOG BOX LABELS	63
4.3. CUSTOMIZING EXCEL TEMPLATE FILE	63
4.4. CUSTOMIZING BACKGROUND	63
5. UNDERSTANDING THE INSTALLATION	64
6. TROUBLESHOOTING THE INSTALLATION	67
6.1. REGISTRY VALUE	67
6.1.1. Microsoft Visio Add-ins	68
6.1.2. ShareVisual Danieli SLD settings	74
6.2. SETTINGS VISIO DISPLAY PREFERENCES	76

1. INTRODUCTION

This document describes the distinctive features and usage of the Danieli SLD solution.

This solution is a Visio VSTO Addin.

It helps the user to create simple SLD diagrams with Excel Import and Update from Excel features.

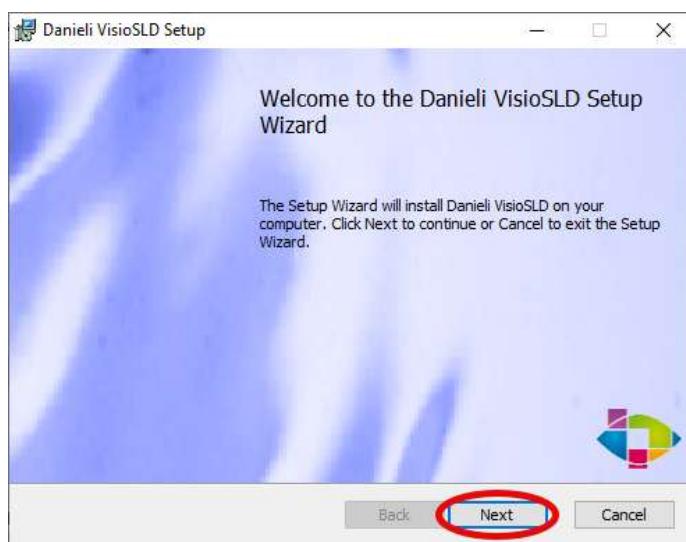
2. INSTALLATION

The solution is delivered with an installation program that contains two files:

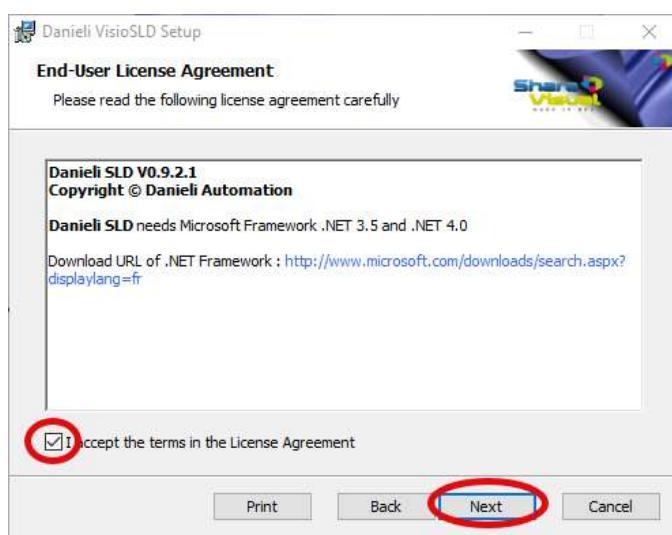
- “SetupProject.msi”
- “cab1.cab”

For installing the application, you just have to launch “SetupProject.msi”.

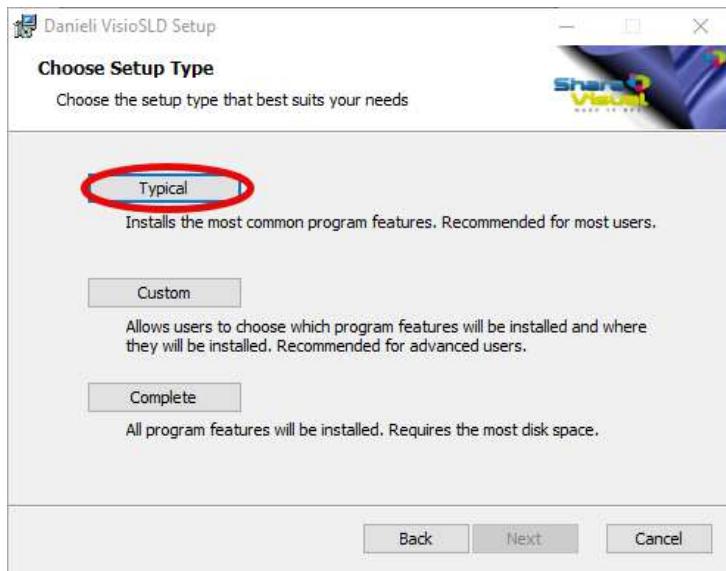
A dialog box appears:



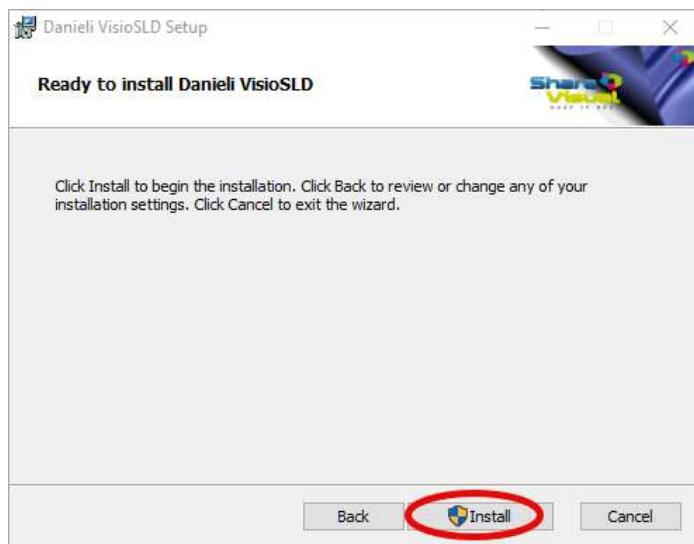
Click “Next”



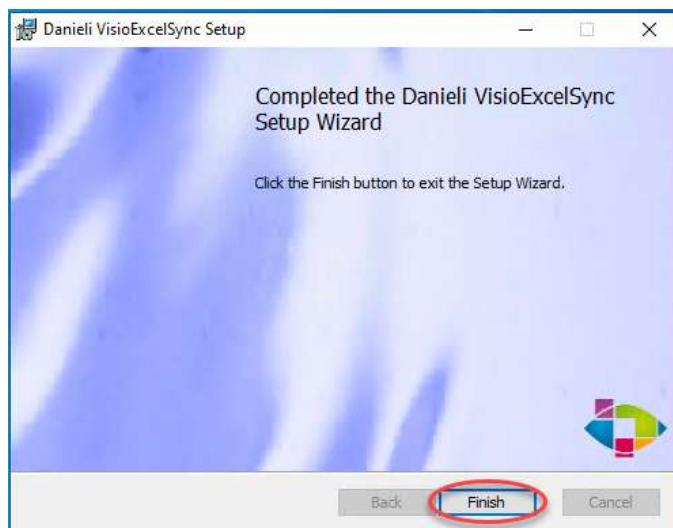
Accept the license agreement and click “Next.”



Click “Typical”

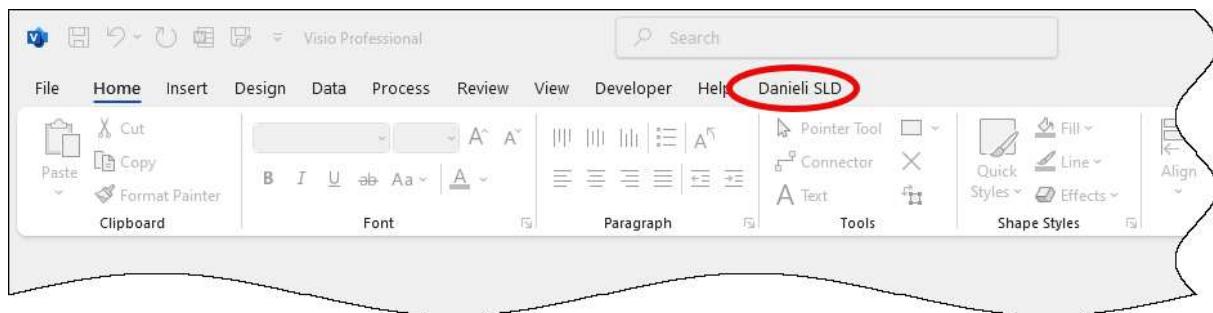


The solution is now installed.

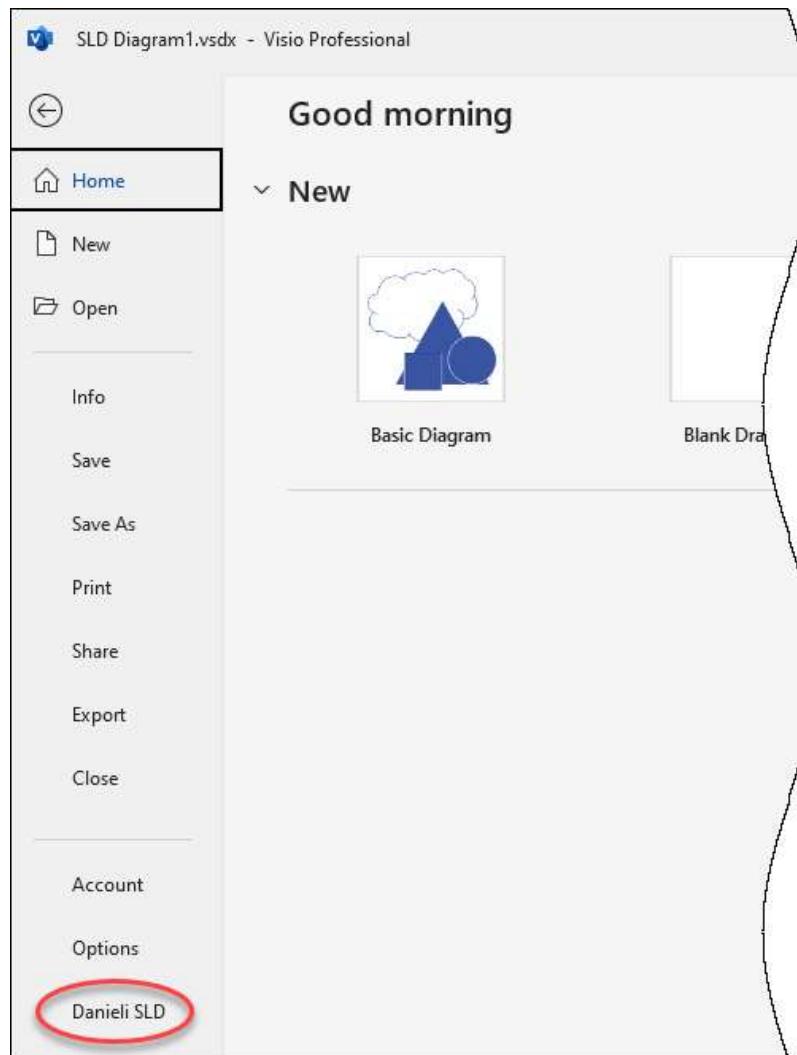


Click “Finish” to terminate the installation wizard.

When you Launch “Microsoft Visio” you will have a new Tab.



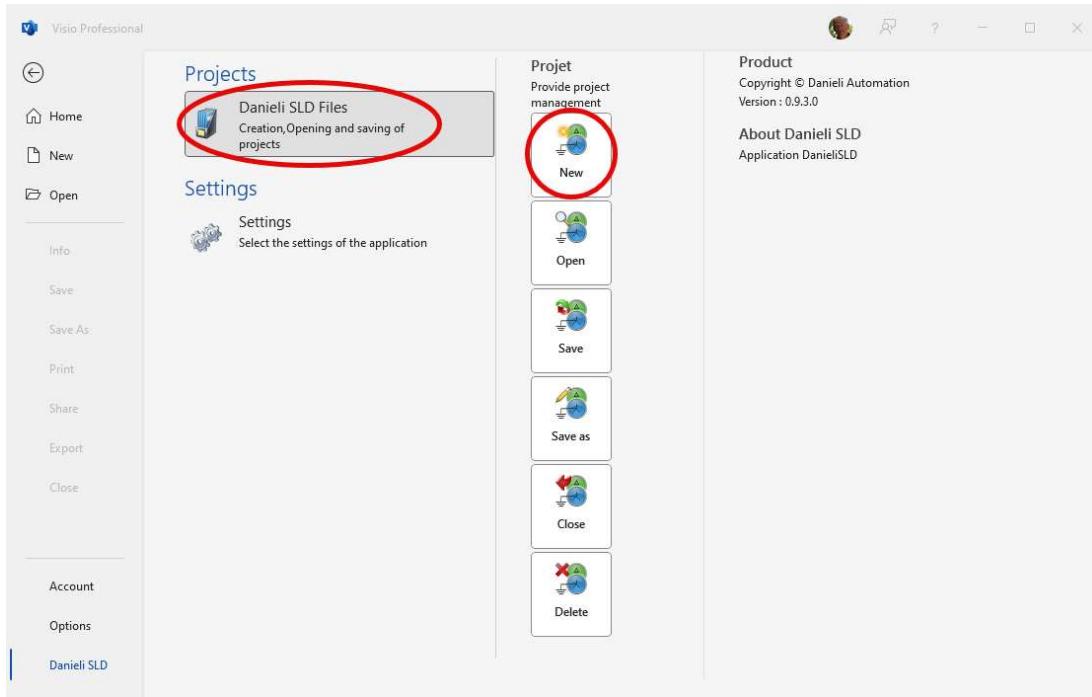
A new group is also available in the File menu.



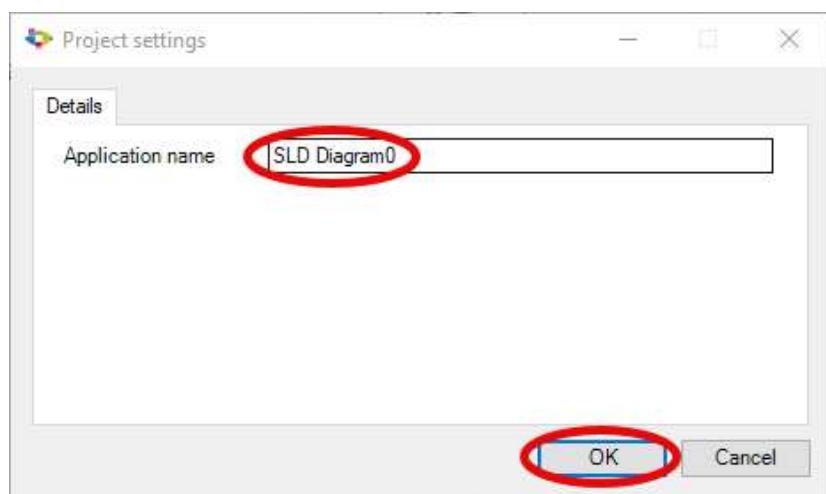
3. USER GUIDE

3.1. File Drawing creation

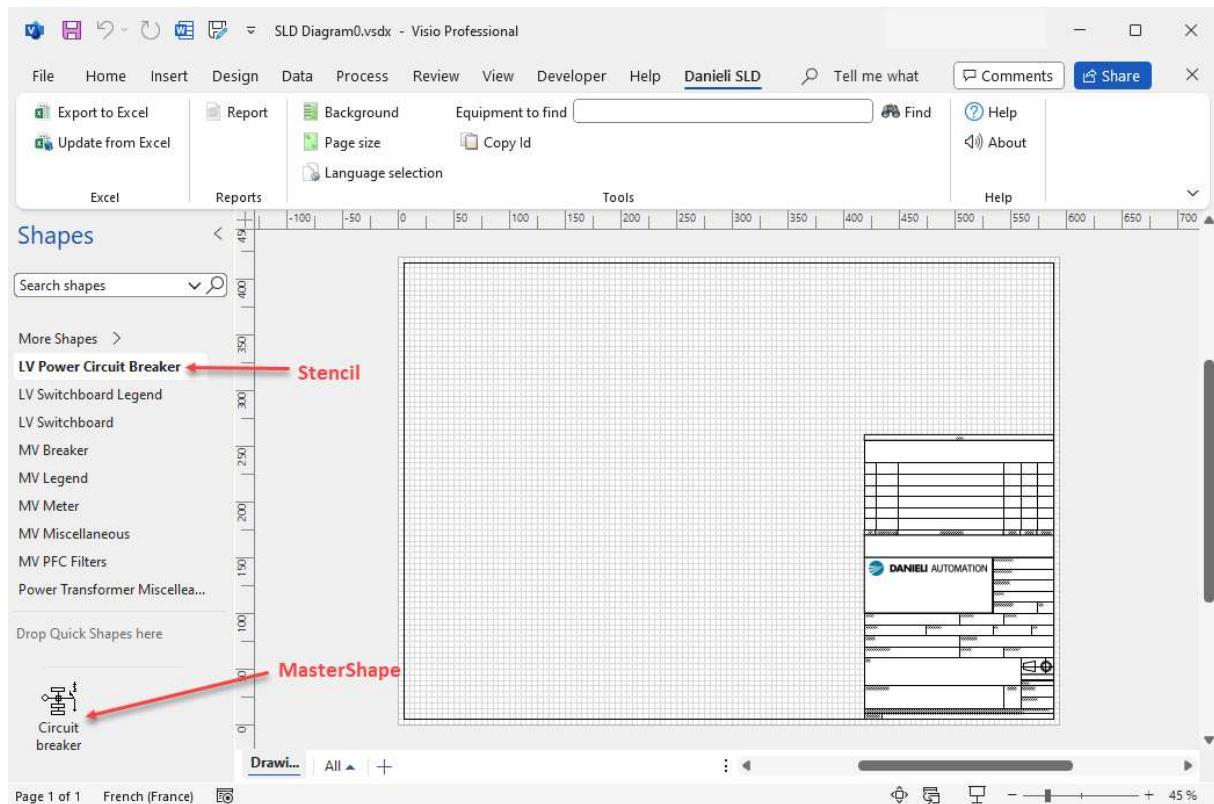
For creating a new drawing, use the “New” command in the Group “Danieli SLD Files”.



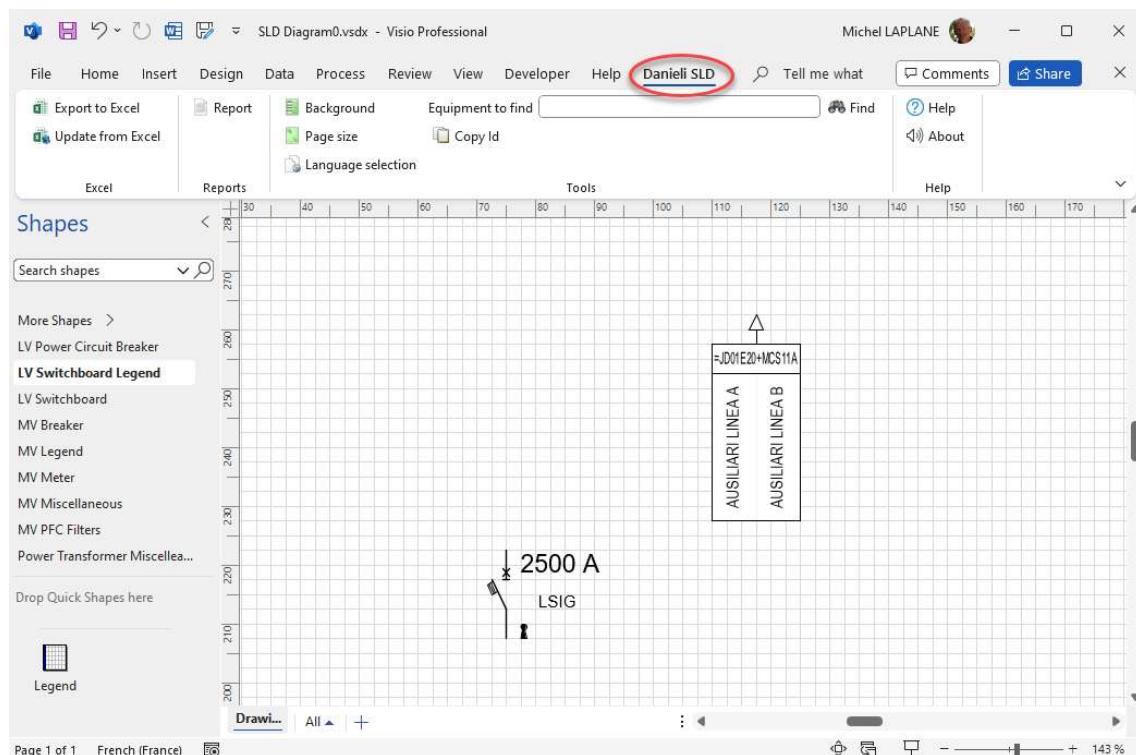
Type the drawing Name and click OK.



A new drawing is created.



You can now drag and drop a “Master Shape” (Graphic element) from a “Stencil” (Graphic library) to the drawing page.



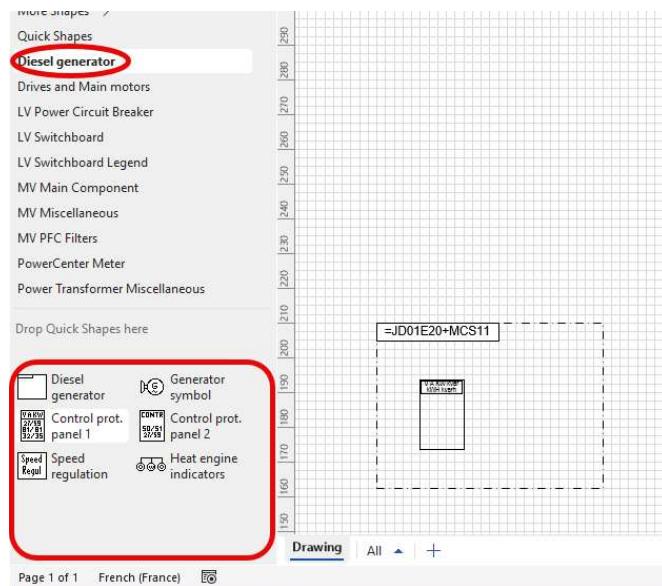
The Tab “Danieli SLD” contains all the commands of the application.

3.2. Drawing modification

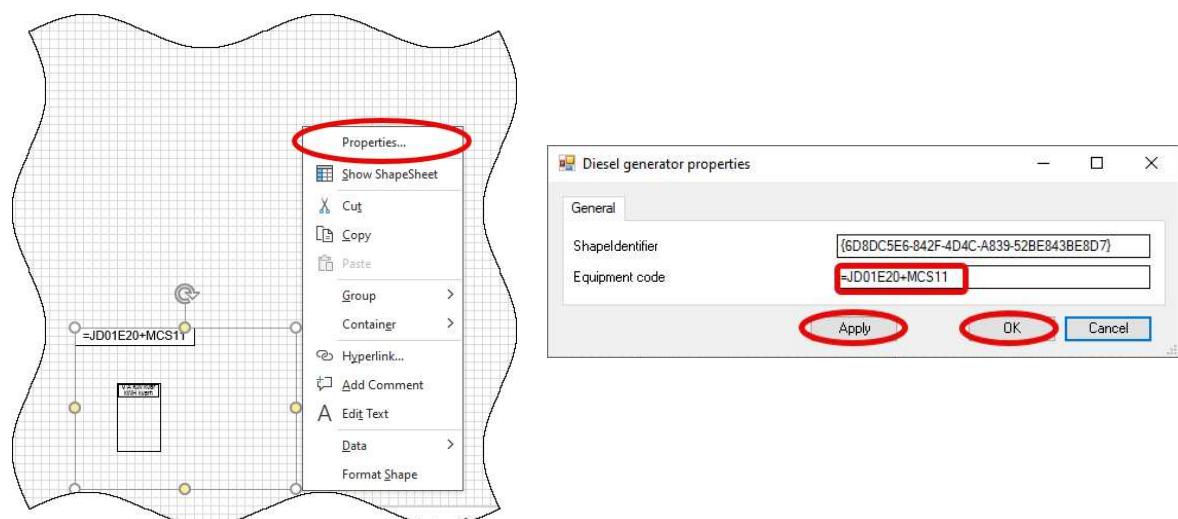
The shapes that are in the drawing have properties that depend on the shape used. These properties can be modified through a properties dialog box displayed using the right click context menu of the shape or when double clicking on the shape.

3.2.1. Diesel Generator Shape

These shapes are available in the “Diesel Generator” stencil.



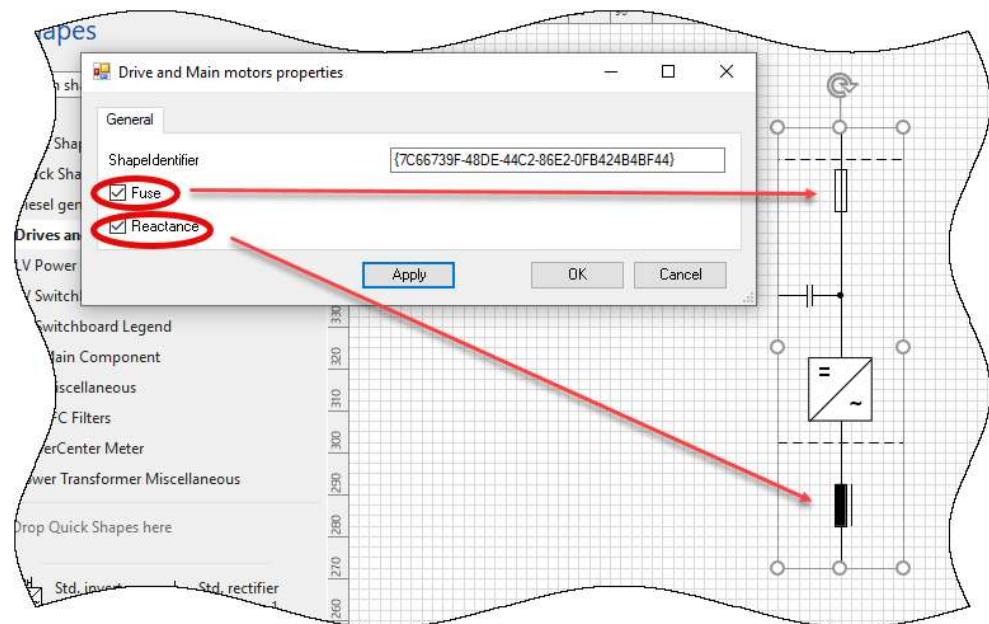
There is a special one used for power centers in which you can add other shapes. You can fill in the equipment code of the Power Center using the properties dialog box when right-clicking on the Diesel generator shape.



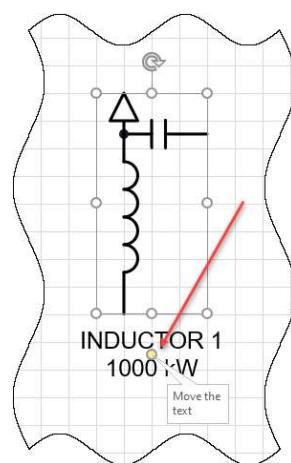
3.2.2. Drives and Main motors shapes

These shapes are available in the “Drives and Main motors” stencil.

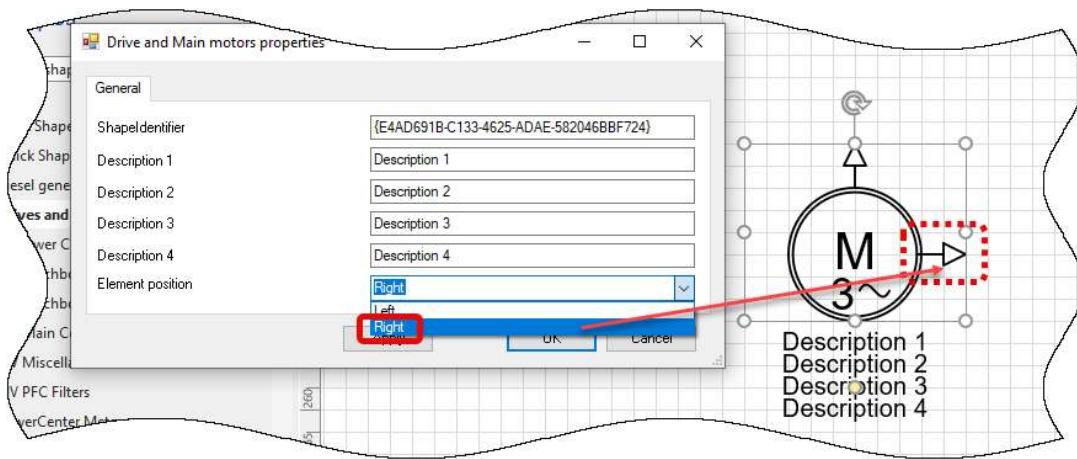
These shapes contain specials commands in the Properties dialog box for modifying the appearance of the shape.



Some shape, like the “Inductor” shape have a small yellow circle called “Controls handle”. These control handles can be used to modify the position of element like text. You just need to move these yellow handles with the mouse by clicking and dragging them to achieve the action needed.



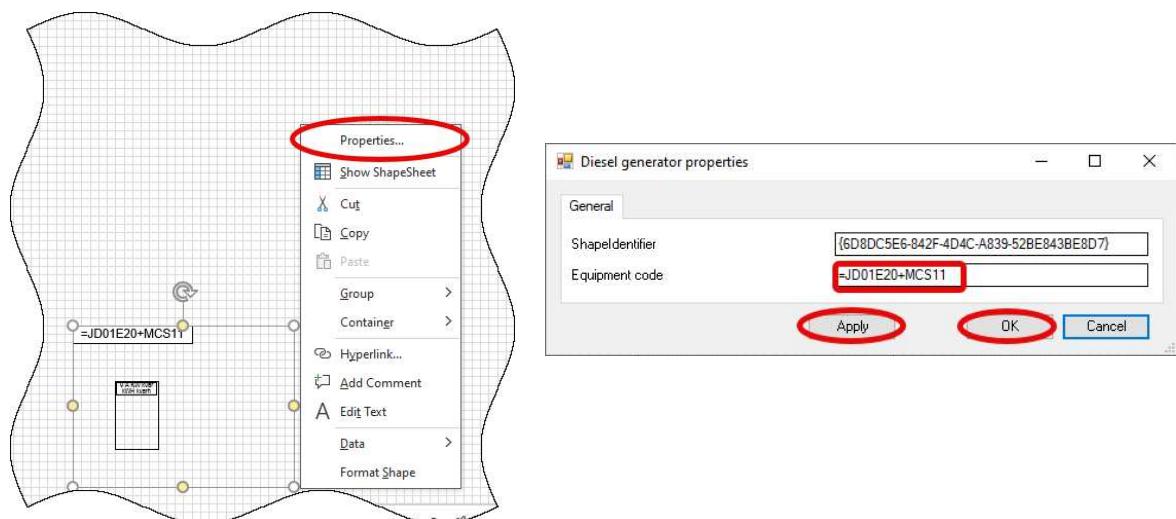
The “Async Motor Rotor Winding” has a special combo box control that helps to modify the position of the terminal of the rotor.



This feature is also available for these shapes:

- Synchronous Motor,
- DC Motor with Fan,
- DC Motor without Fan.

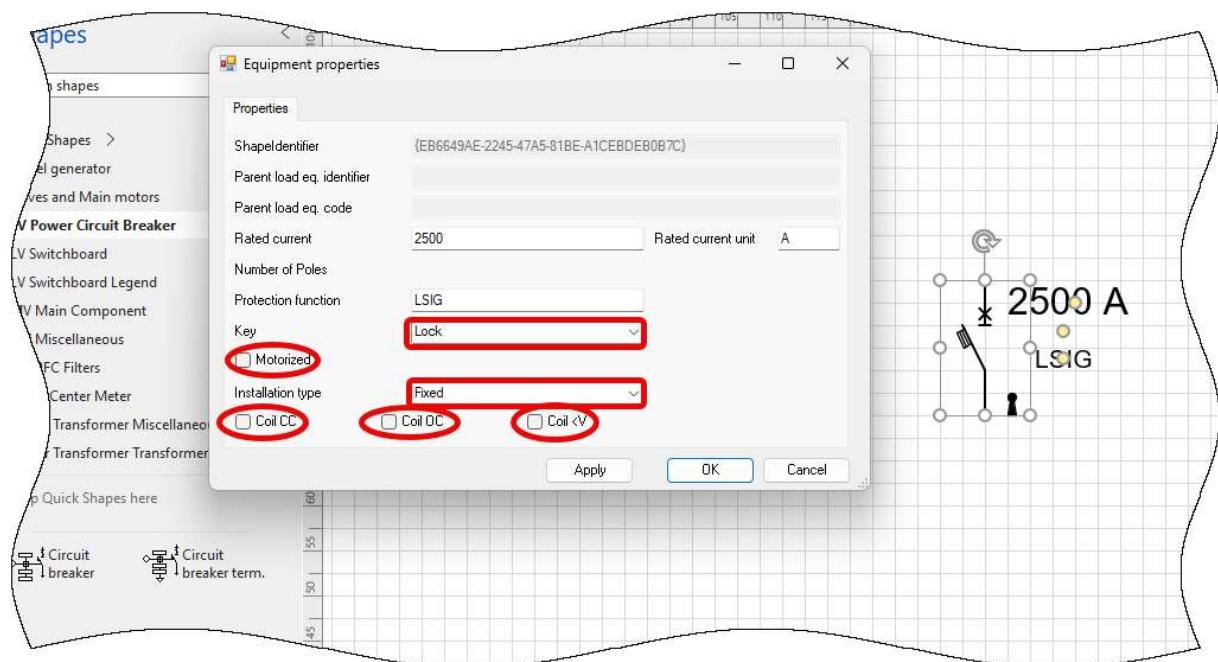
There is also a special one used for inserting a “Drive switchboard” in which you can add other shapes. You can fill the equipment code of the “Drive switchboard” using the properties dialog box when right-clicking or double clicking on the “Drive switchboard” shape.



3.2.3. LV Power Circuit Breaker shapes

These shapes are available in the “Drives and Main motors” stencil.

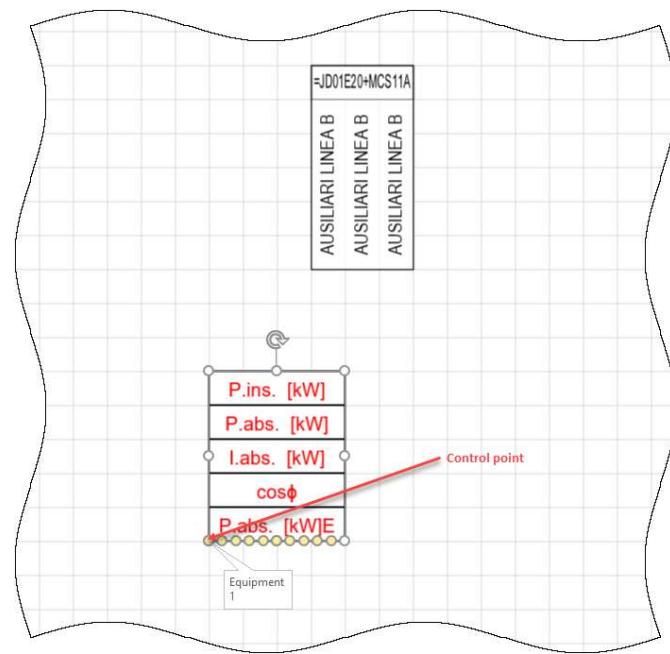
These shapes contain specials commands in the Properties dialog box for modifying the appearance of the shape.



3.2.4. LV Switchboard Legend Shape

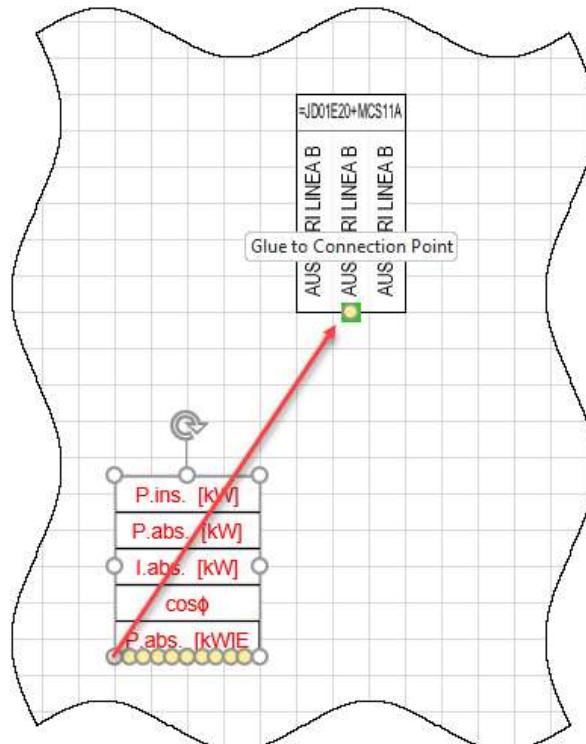
The Legend Master Shape available in the “LV Switchboard Legend” stencil is used to display the Equipment information of the Switchboard to which it is connected.

Drag and drop the “Legend” from the Stencil to the drawing page and keep it selected.

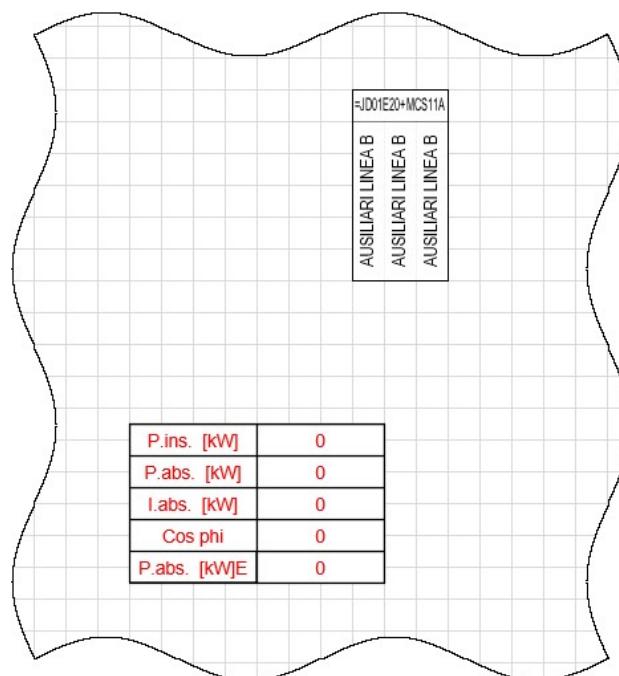


You can see the legend, which is not connected for now, with its control points. These control points (1 to 10) are used to get information from equipment 1 to 10.

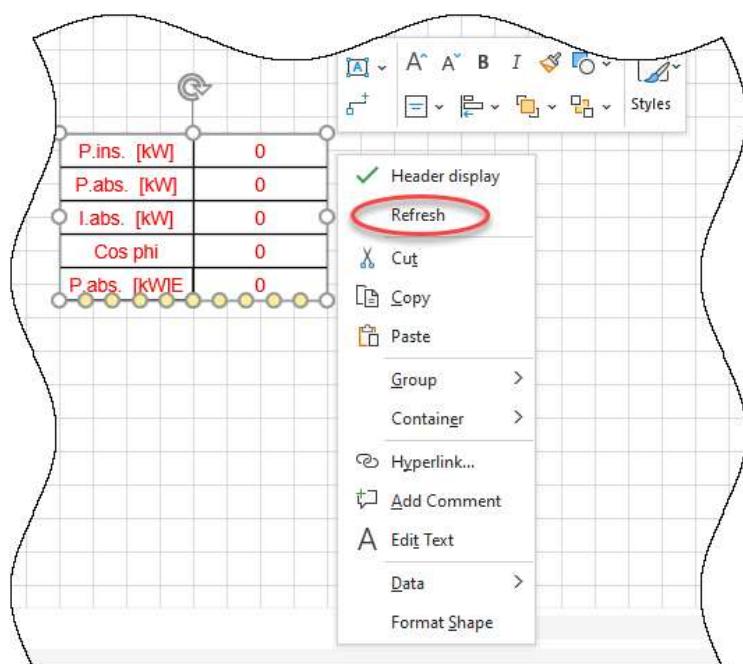
Drag the “Equipment 1” control point over the lower side of an equipment until a green square appears.



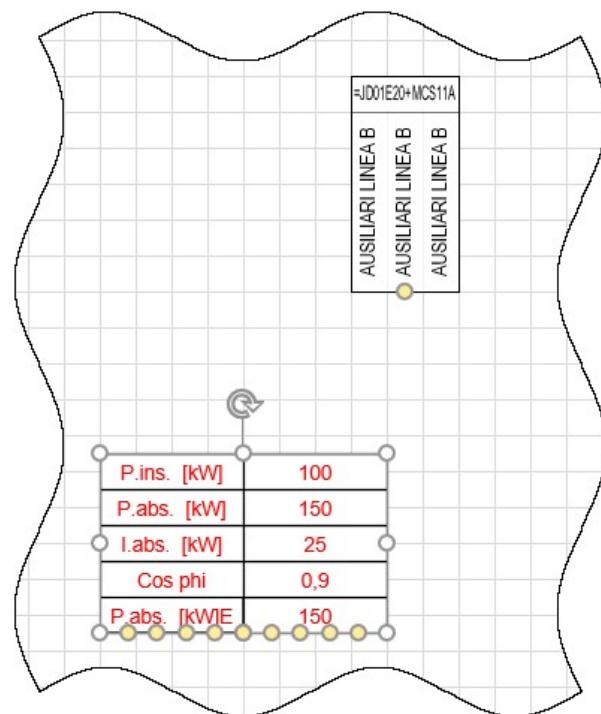
As soon as you release the mouse button, the legend of the equipment is displayed.



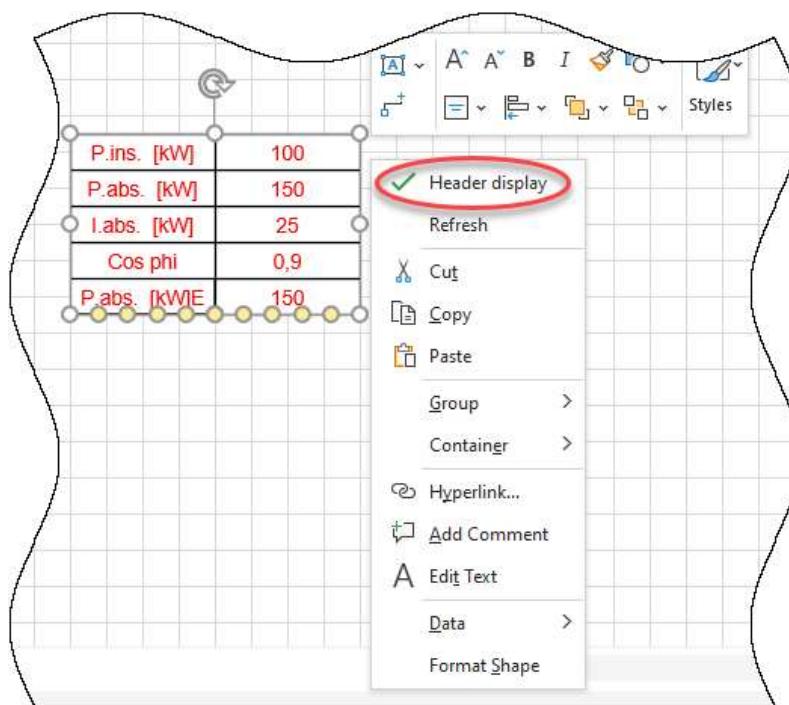
If the characteristics of the equipment are modified, you can update the legend using the “Refresh” command available in the context menu.



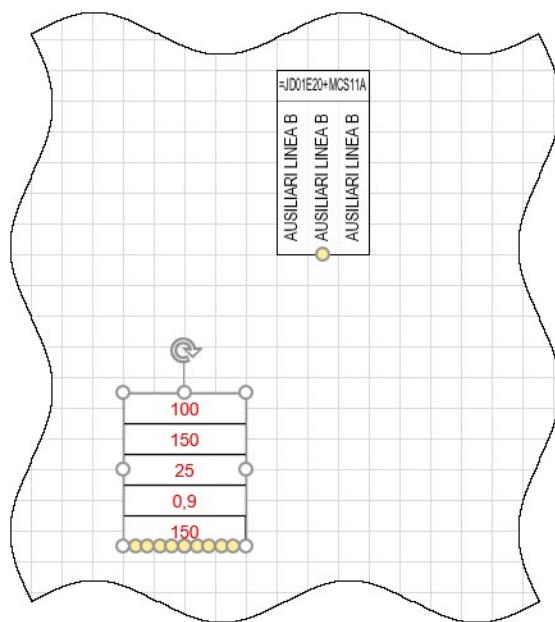
The legend is updated.



If for any reason you don't want to see the header of the legend, just uncheck the "Header display" option in the context menu.

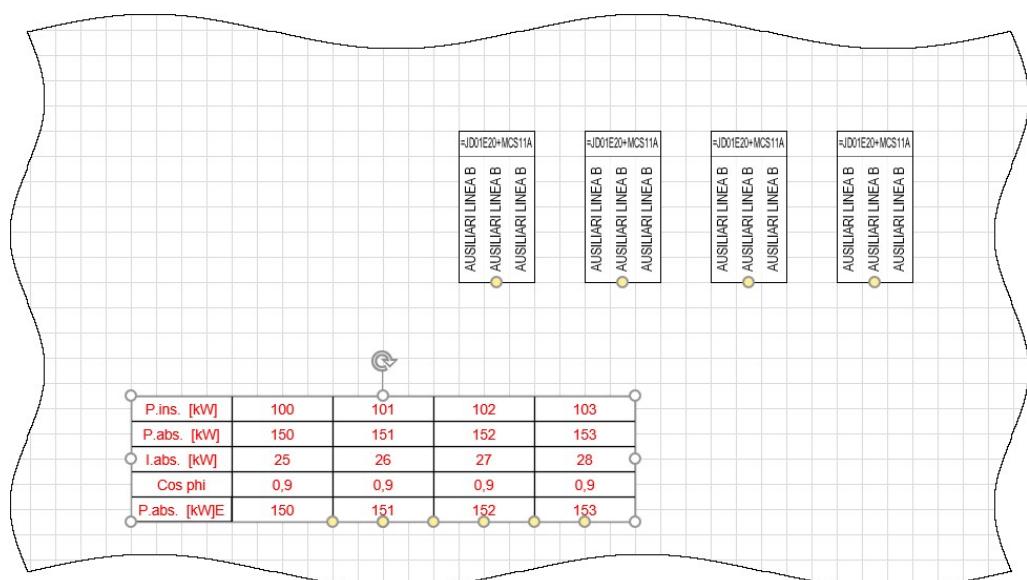


The header is hidden.



Each time a new connection is made to an equipment, the legend is automatically updated with the characteristics of the new equipment.

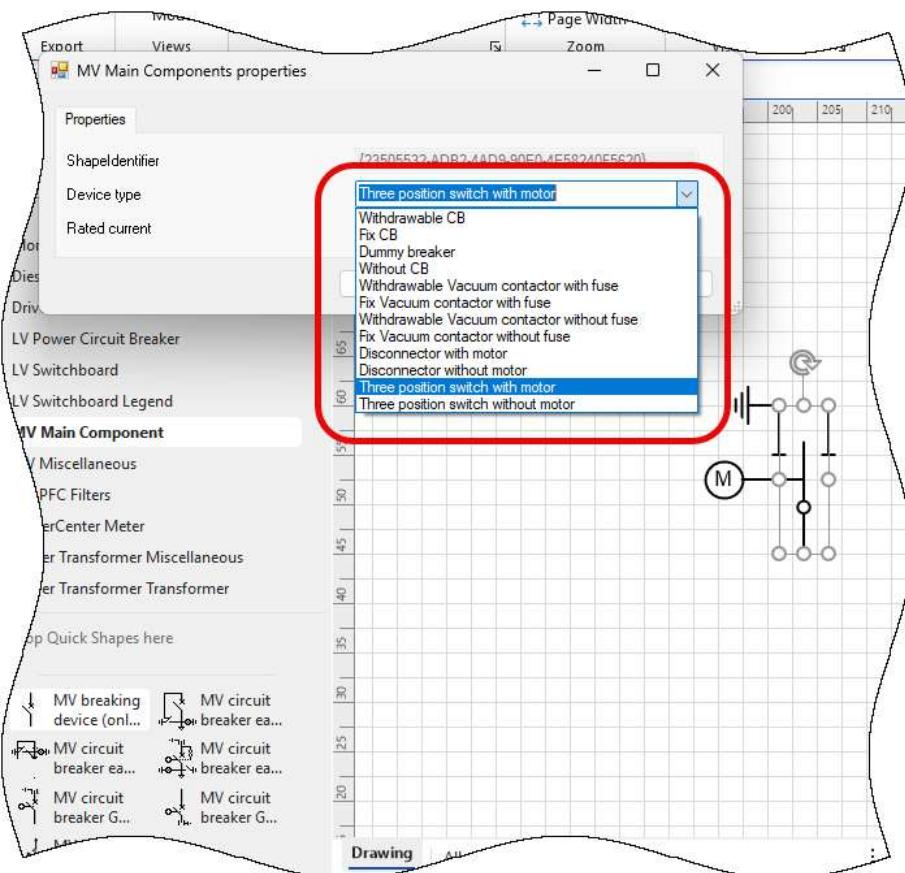
You can have up to 10 different pieces of equipment by legend.



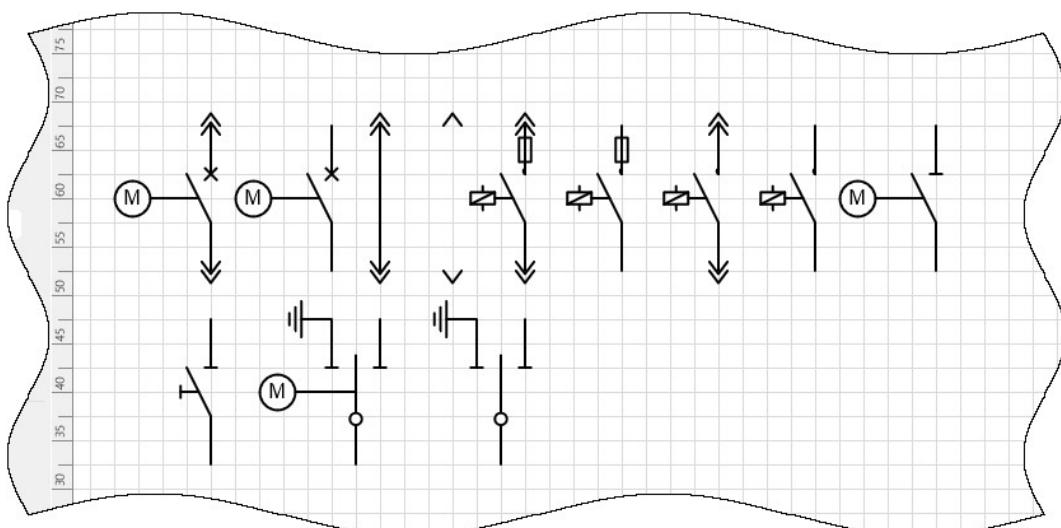
3.2.5. MV Main Component shapes

These shapes are available in the “MV Main Component” stencil.

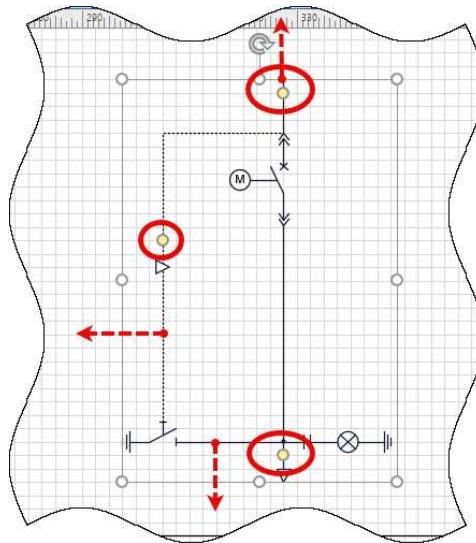
These shapes contain specials commands in the Properties dialog box for modifying the appearance of the shape.



Depending on the “Device type” chosen in the Properties dialog, the shape changes its appearance.



Some controls handles are useful for modifying the size of the lines and the extension of the wire connection.

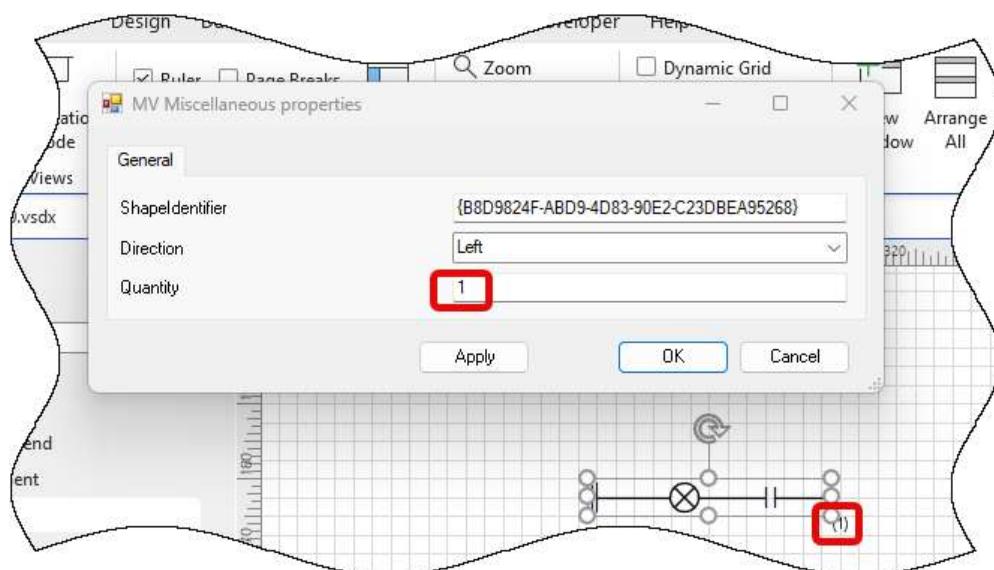


3.2.6. MV Miscellaneous shapes

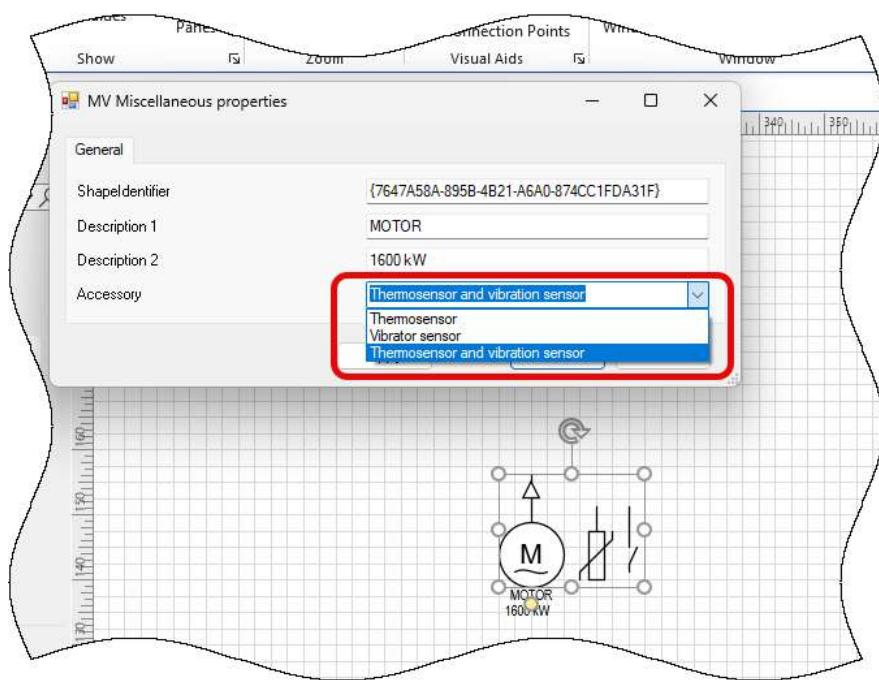
These shapes are available in the “MV Miscellaneous” stencil.

These shapes contain specials commands in the Properties dialog box for modifying the appearance of the shape.

On some shape the quantity value helps you to identify the number of elements in the drawing.

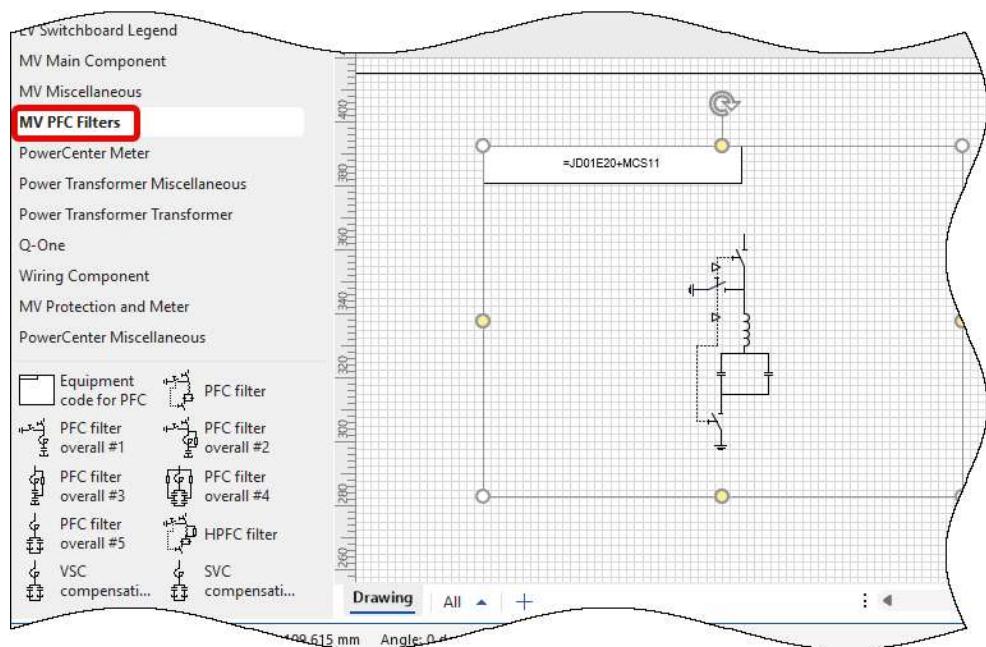


The motor shape could be used with different value for its accessories.

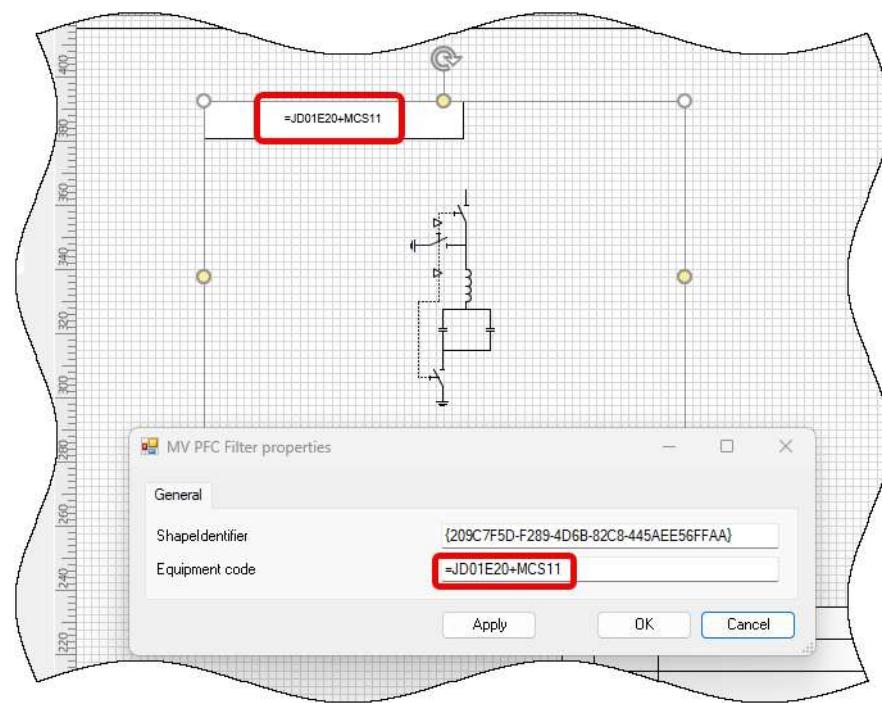


3.2.7. MV PFC Filters

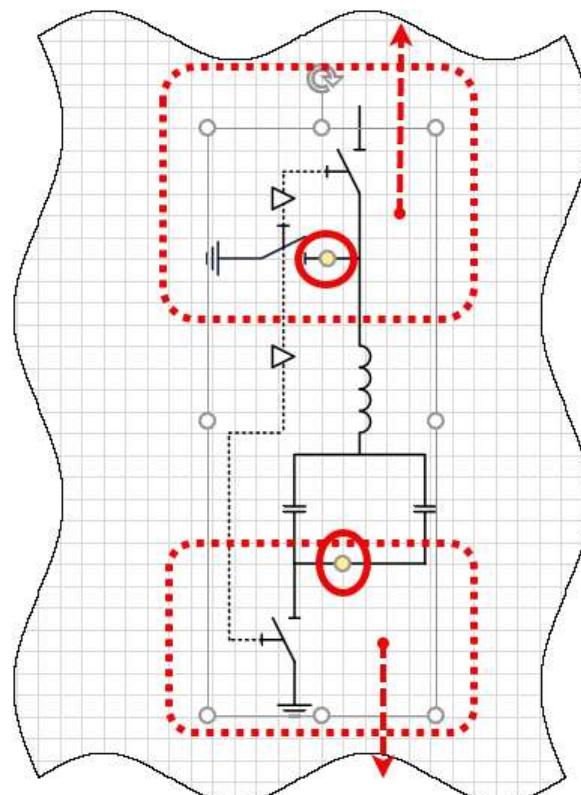
These shapes are available in the “MV PFC Filters” stencil.



There is a special one used for Equipment code of the PFC in which you can add other shapes. You can fill the equipment code of this shape using the properties dialog box when right-clicking on it.



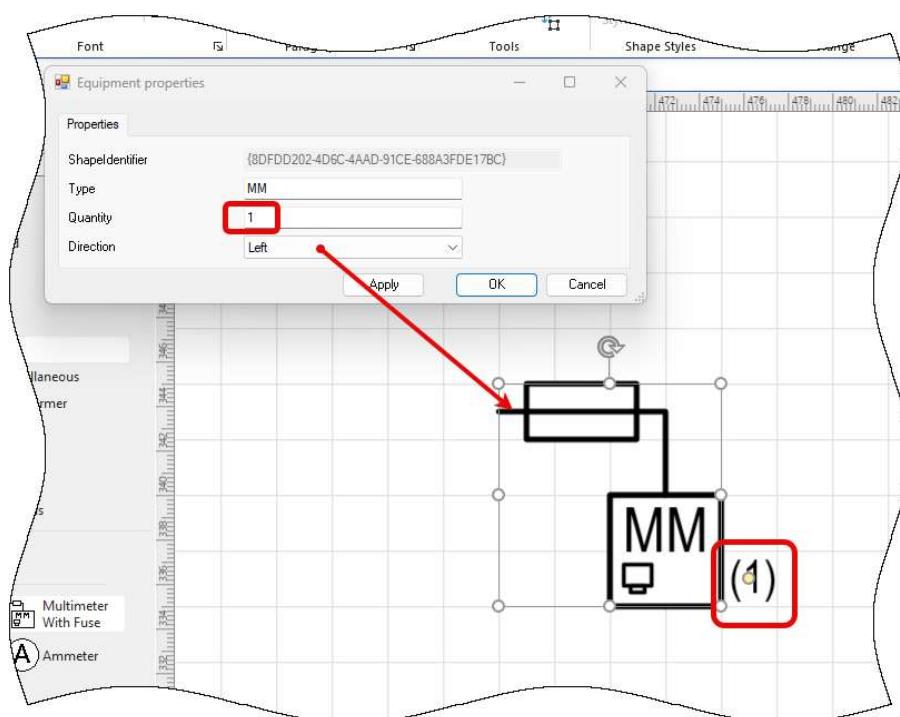
You will find also on some shapes several control handles to adapt the size of your shapes.



3.2.8. PowerCenter Meter shapes

These shapes are available in the “PowerCenter Meter” stencil.

These shapes contain specials commands in the Properties dialog box for modifying the appearance of the shape.

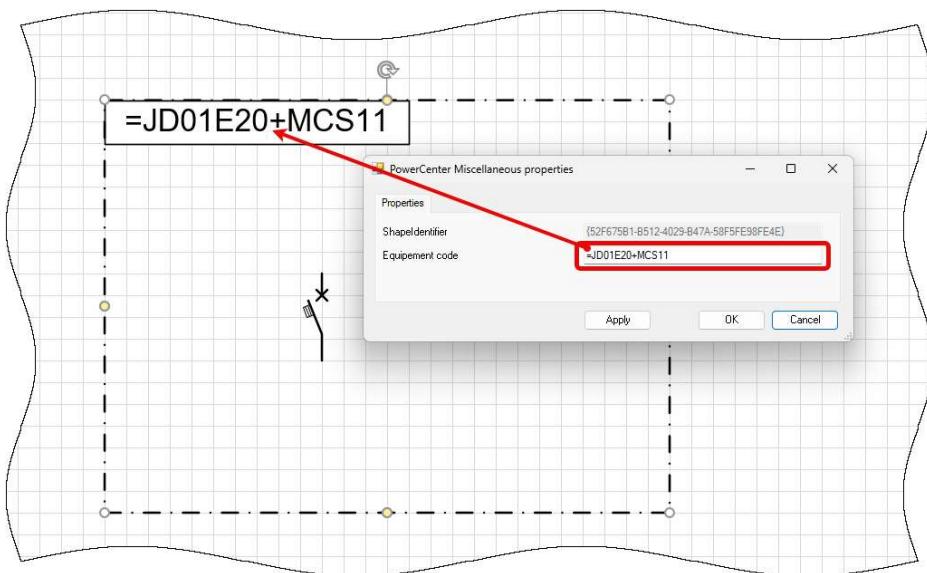


3.2.9. Power Center Miscellaneous

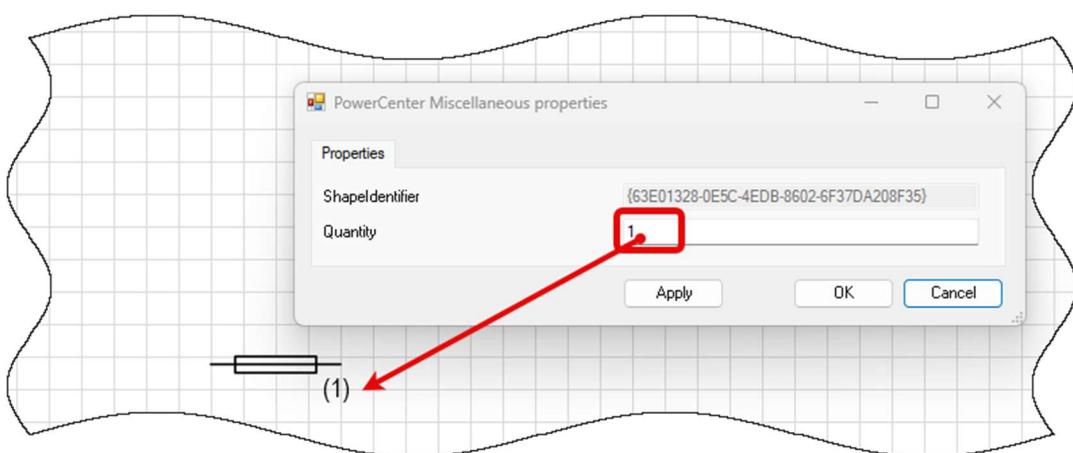
These shapes are available in the “Power Center Miscellaneous” stencil.

These shapes contain specials commands in the Properties dialog box for modifying the appearance of the shape.

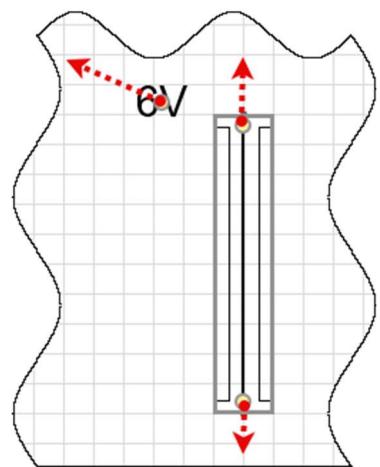
There is a special one used for Equipment code of the transformer in which you can add other shapes. You can fill the equipment code of this shape using the properties dialog box when right-clicking on it.



On some shape the quantity value helps you to identify the number of elements in the drawing.

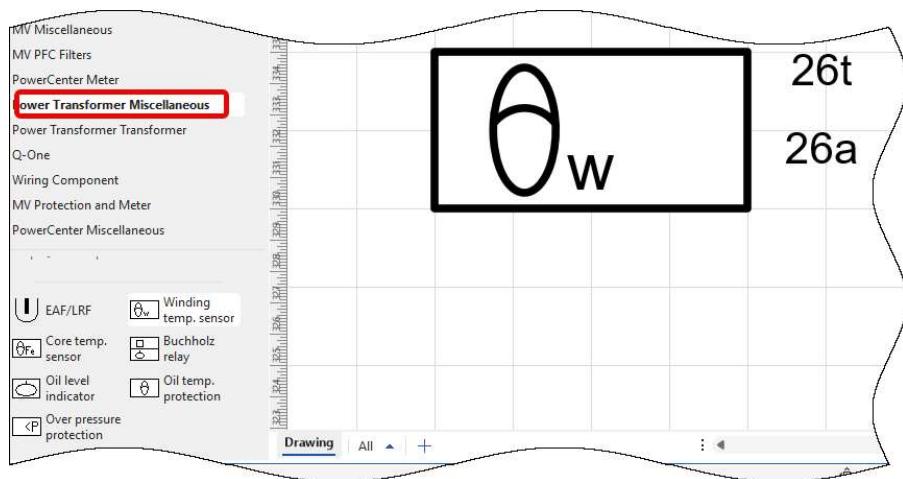


Two shapes are used for Low voltage bus. They have several control handles for modifying the size of the shape and the position of the text.

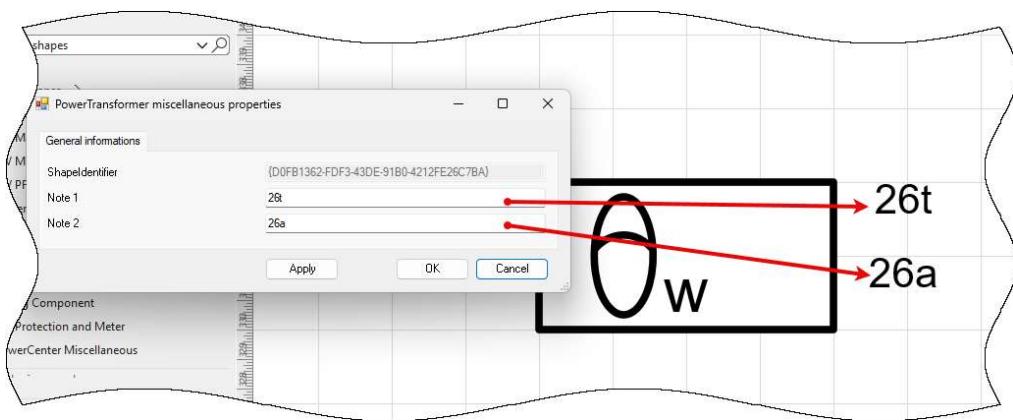


3.2.10. Power Transformer Miscellaneous

These shapes are available in the “Power Transformer Miscellaneous” stencil.

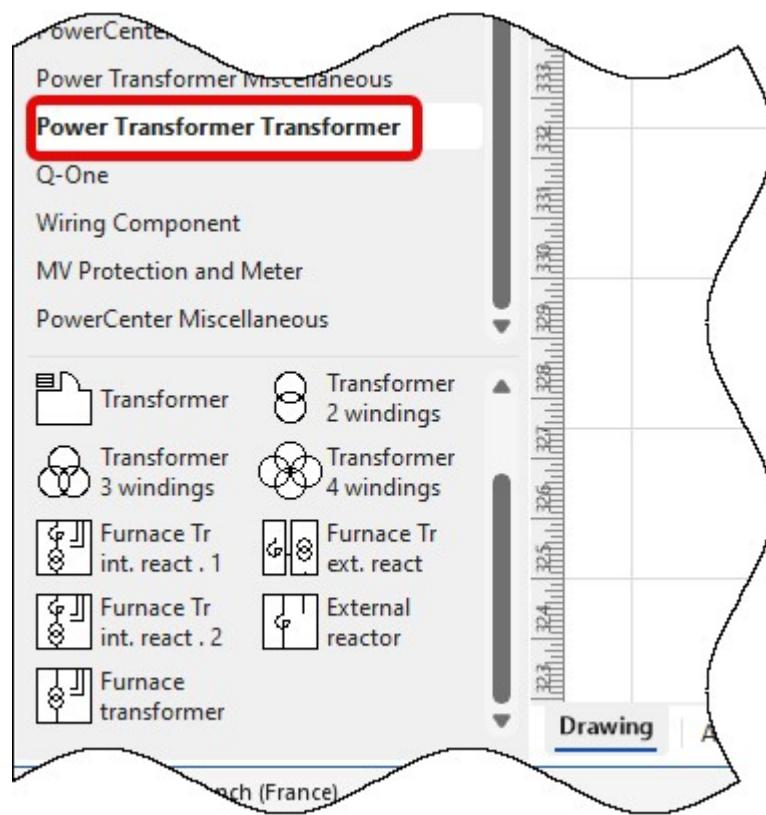


These shapes contain special commands in the Properties dialog box for modifying the appearance of the shape.



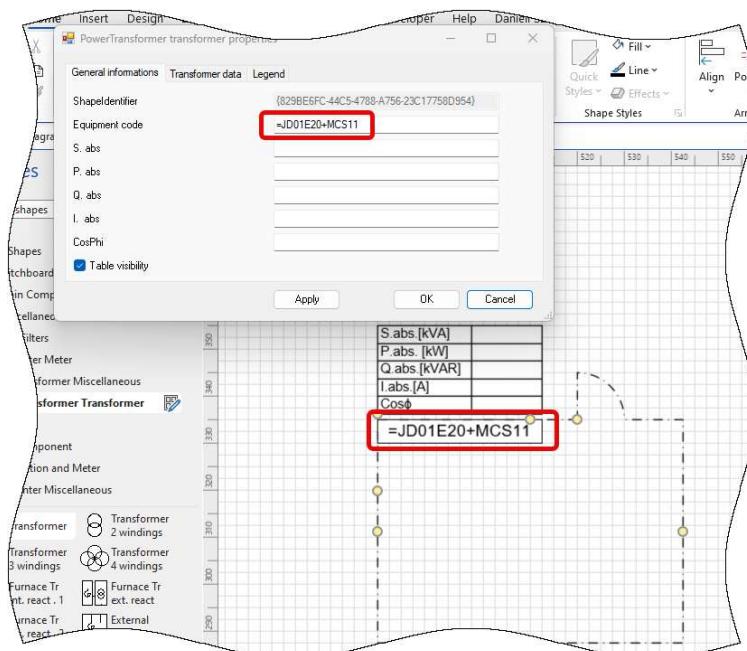
3.2.11. Power Transformer Transformer

These shapes are available in the “Power Transformer Transformer” stencil.

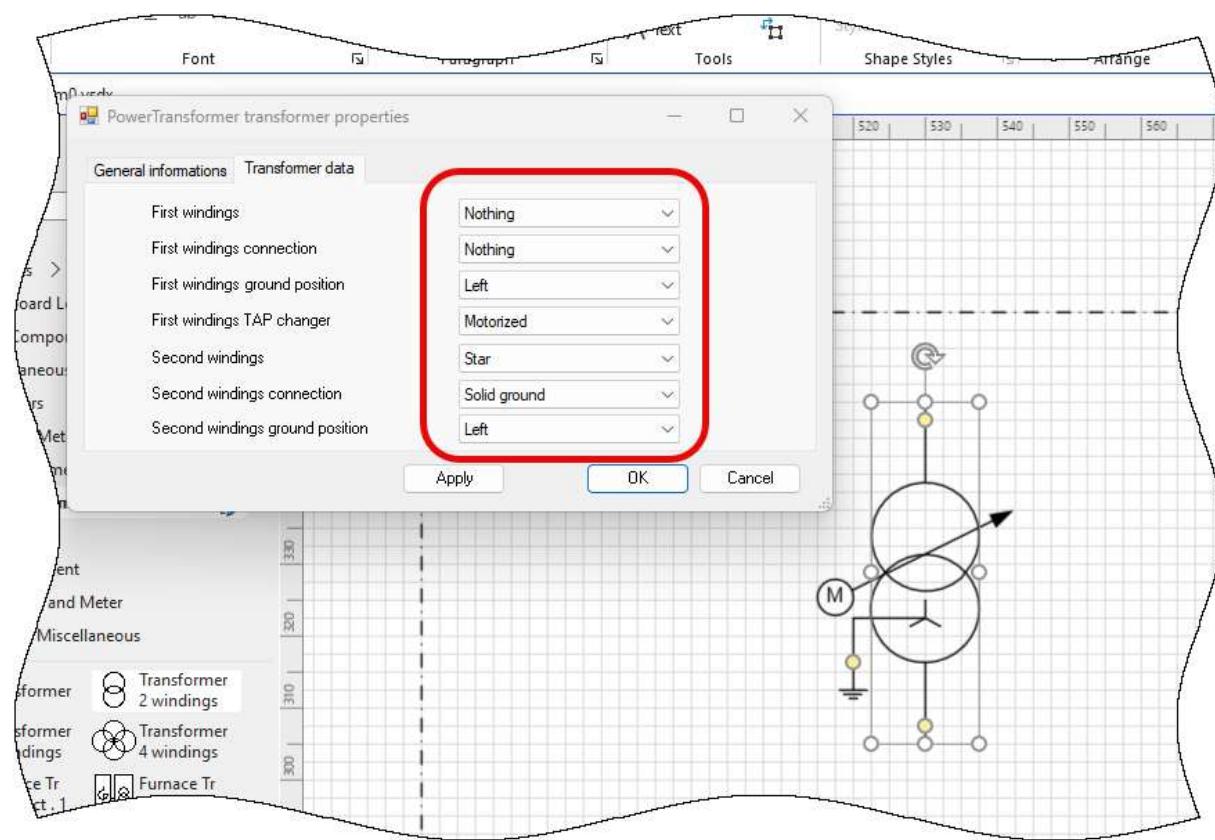


These shapes contain special commands in the Properties dialog box for modifying the appearance of the shape.

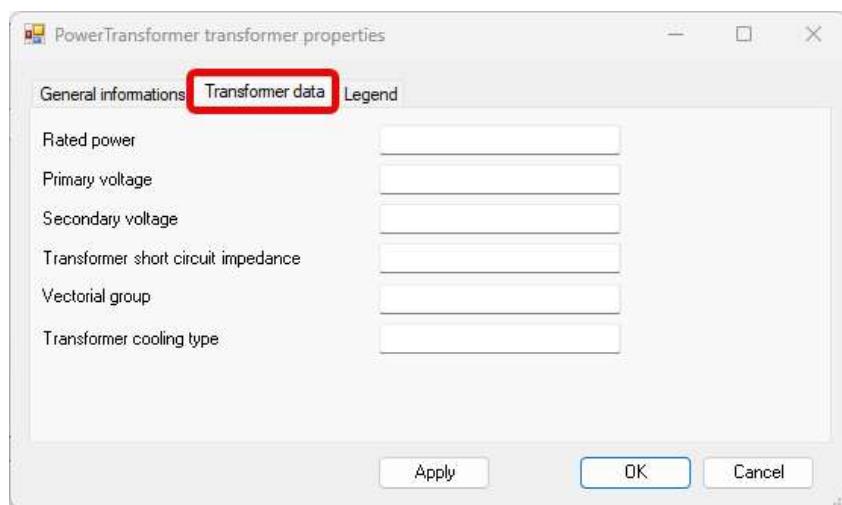
There is a special one used for Equipment code of the transformer in which you can add other shapes. You can fill the equipment code of this shape using the properties dialog box when right-clicking on it.

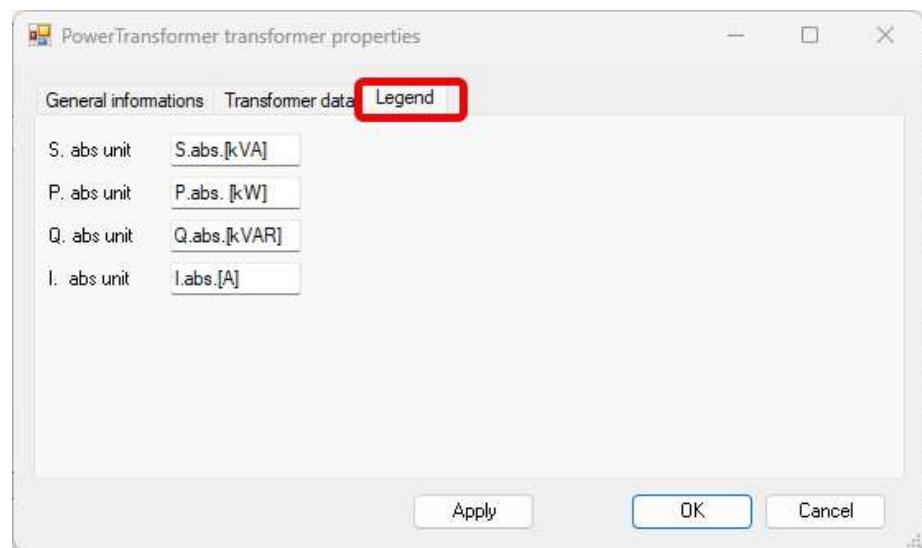


These shapes contain special commands in the Properties dialog box for modifying the appearance of the shape.

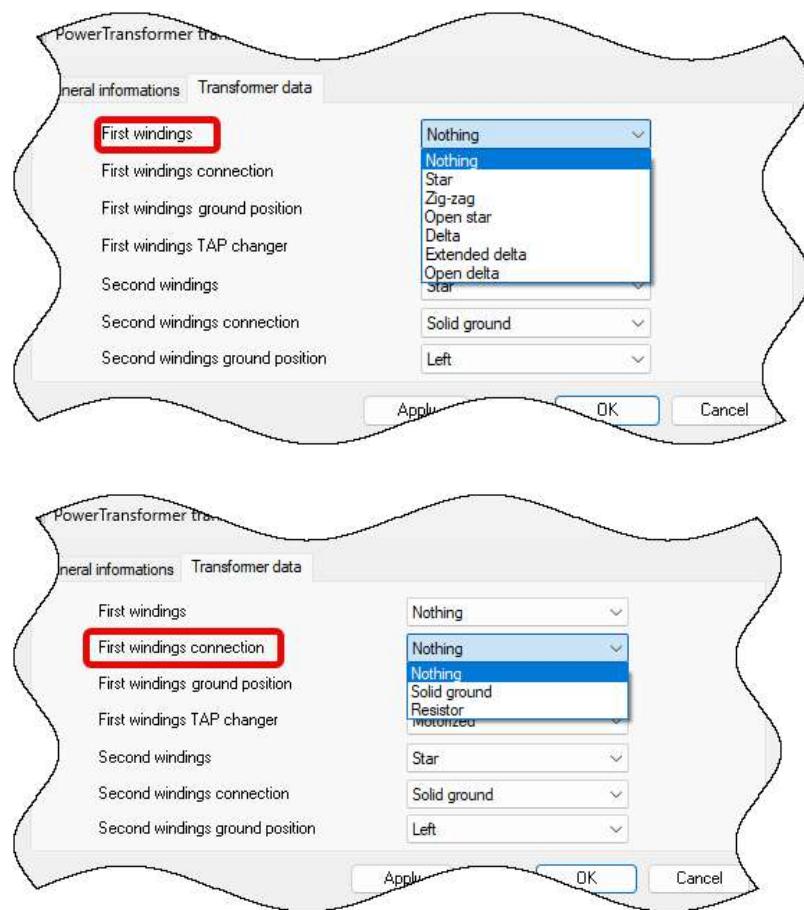


Depending on the shape used you will have access to different tabs of the Dialog box properties.



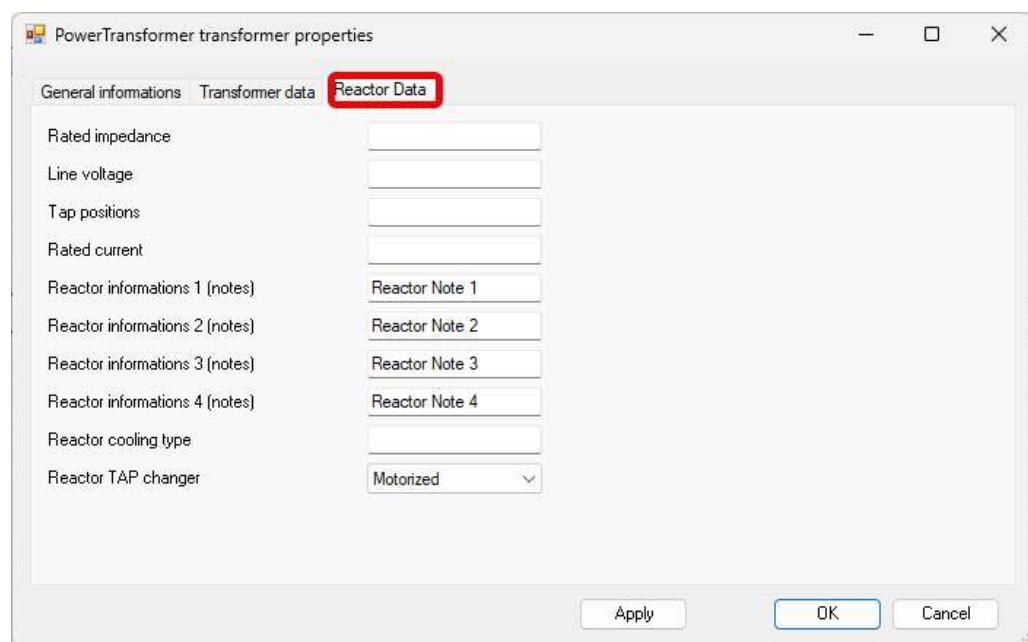
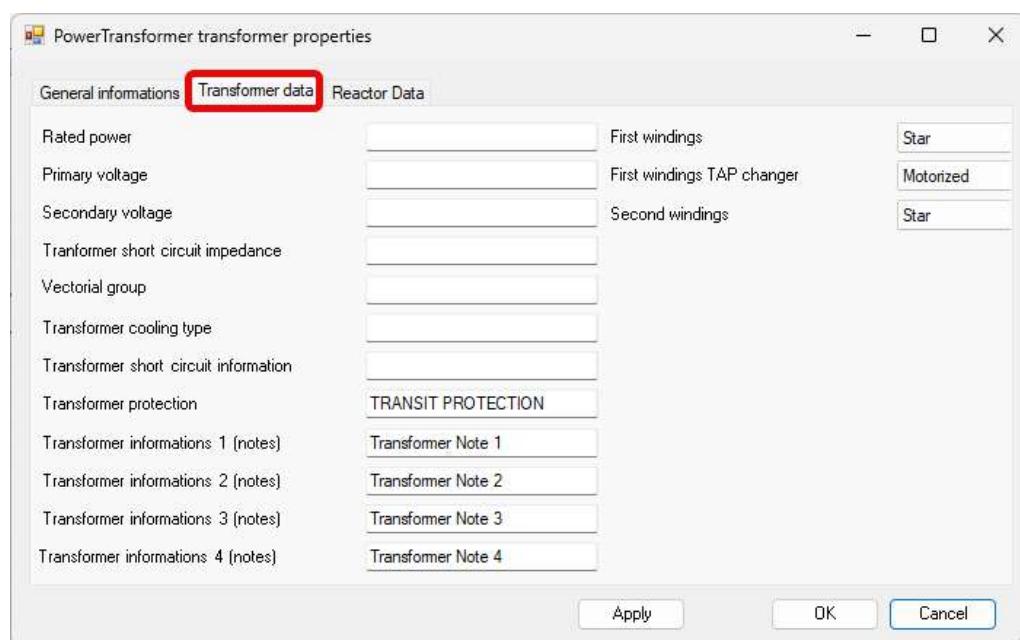


The type of the windings can also be chosen depending on your needs.



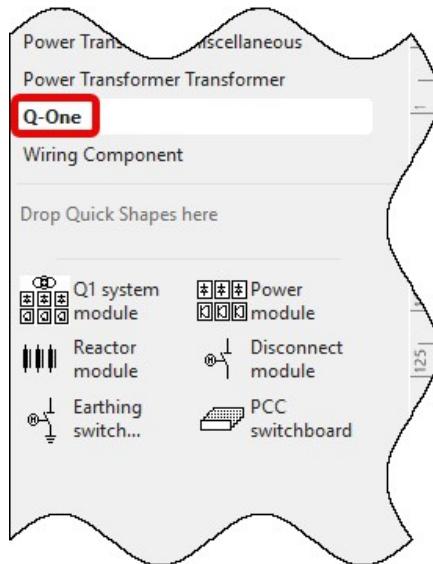


The dialog box properties of the furnace shape have special tabs for transformer data and for reactor data.

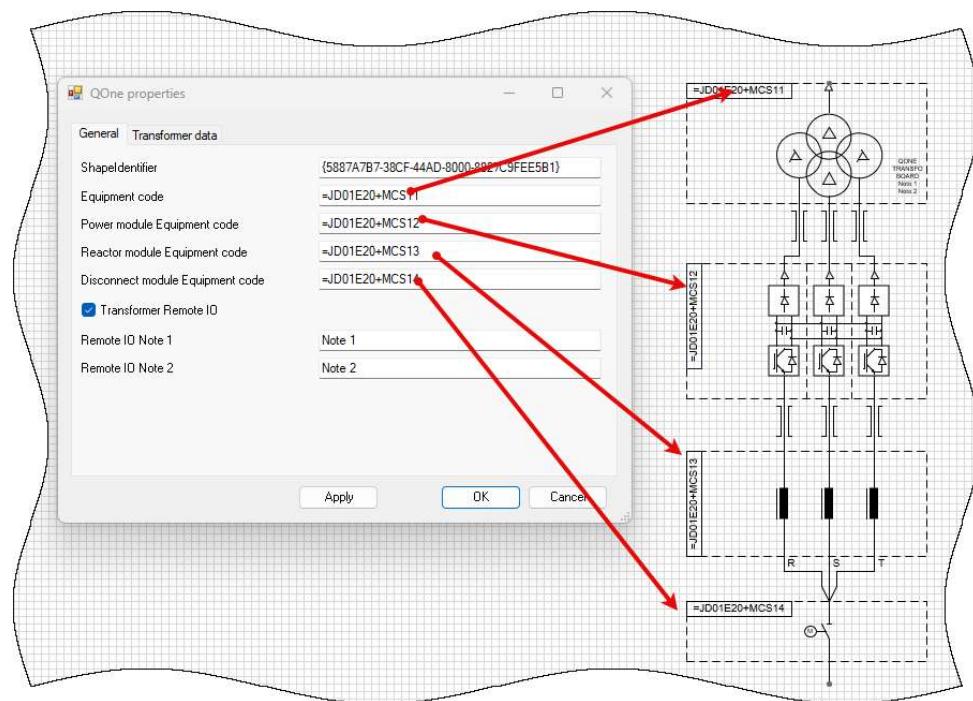


3.2.12. Q-One shapes.

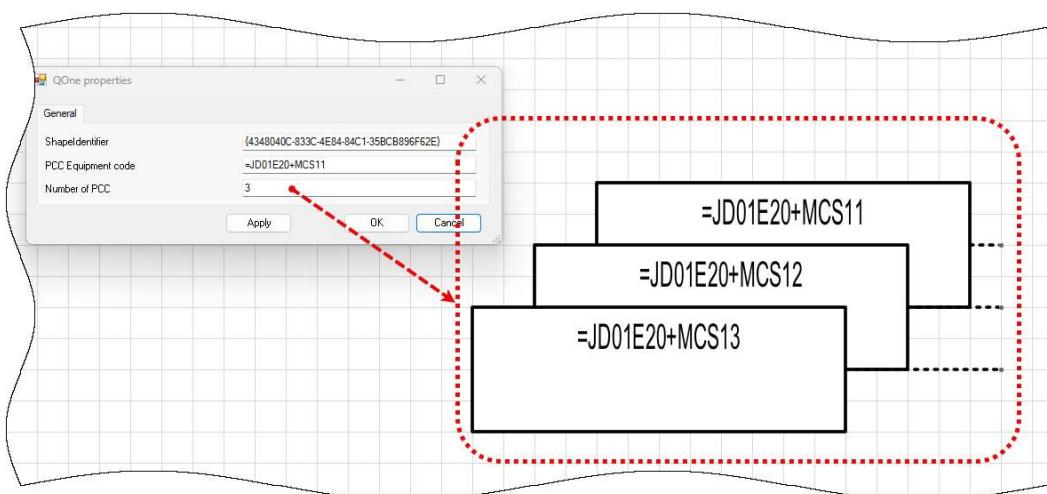
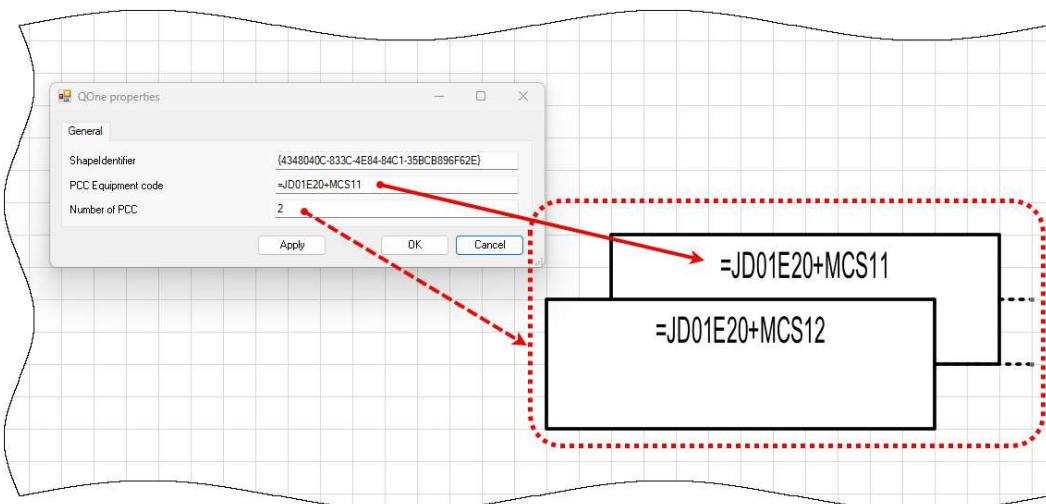
These shapes are available in the “Q-One” stencil.



Once some shape you can set the equipment code if needed.

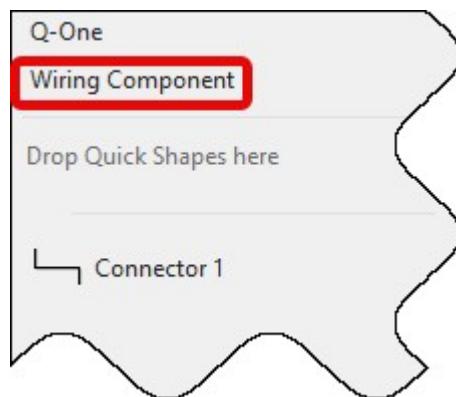


The PCC Switchboard shape automatically adds the corresponding PCC according to the value of the Equipment code and Quantity property of the shape.

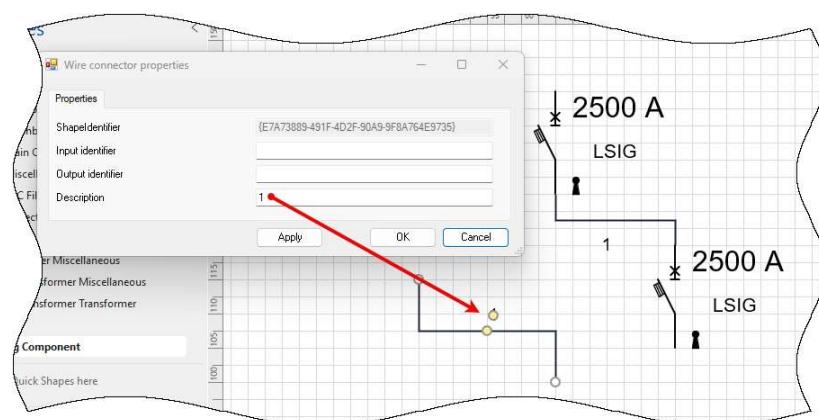


3.2.13. Wiring Component shapes

These shapes are available in the “Wiring Component” stencil.



The “Connector 1” shape is used for connecting the equipment between them. You can also add a text to the connector shape.



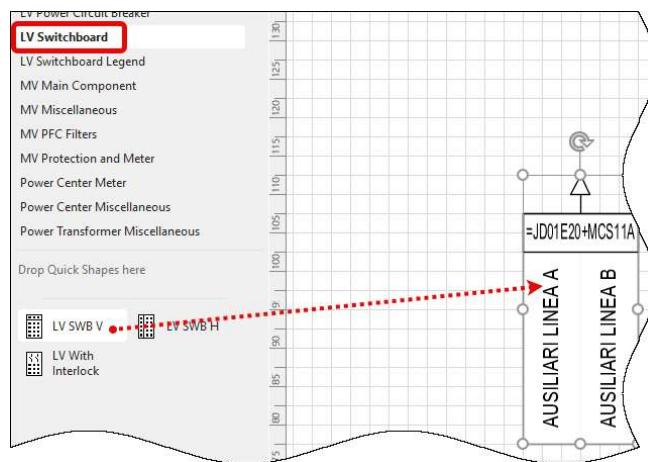
3.3. Connecting and propagating rated current

The application provides a feature to propagate automatically the rated current between a switchboard and a circuit breaker.

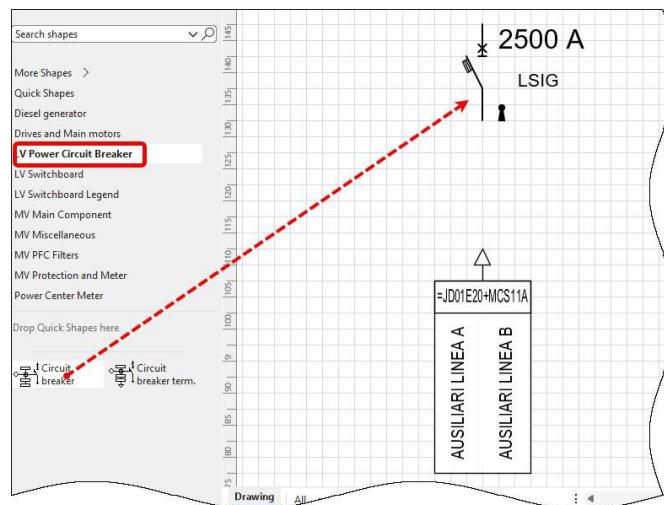
3.3.1. Using the Circuit breaker shape

For connecting a “LV Switchboard” to a “Circuit breaker”, follow these steps:

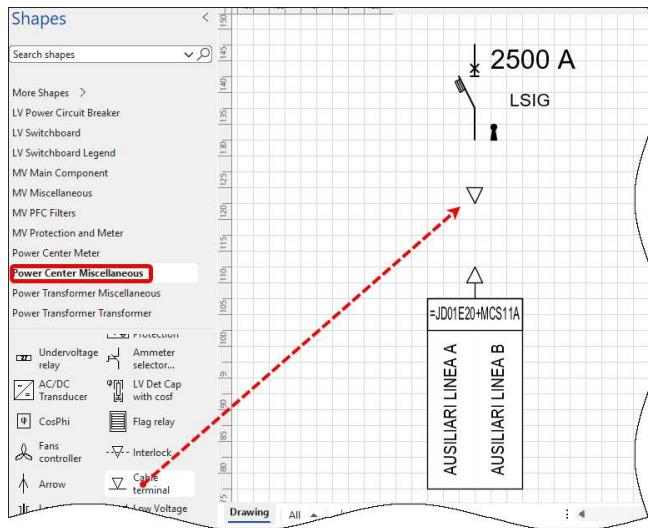
- Drag and drop an LV Switchboard in the diagram.



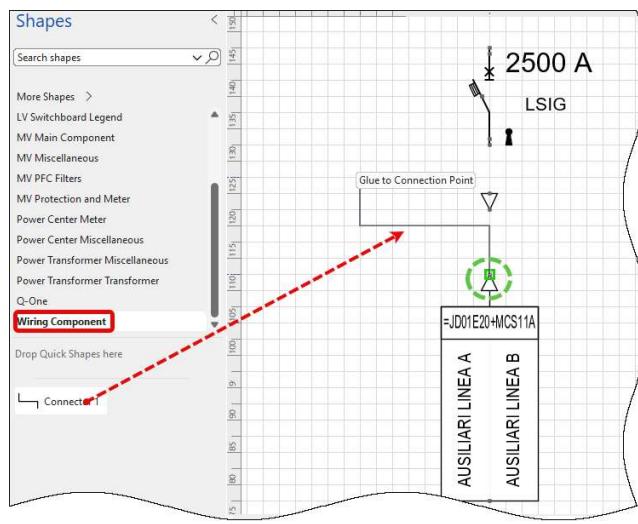
- Drag and drop a “Circuit breaker” in the diagram.



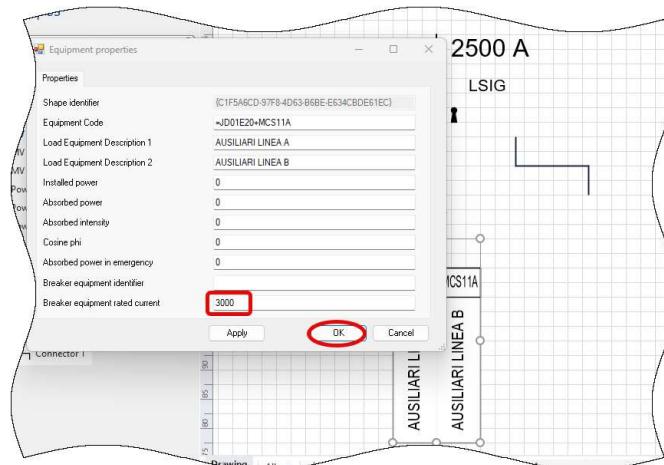
- Drag and drop a “Cable terminal” from “Power Center Miscellaneous” stencil in the diagram.



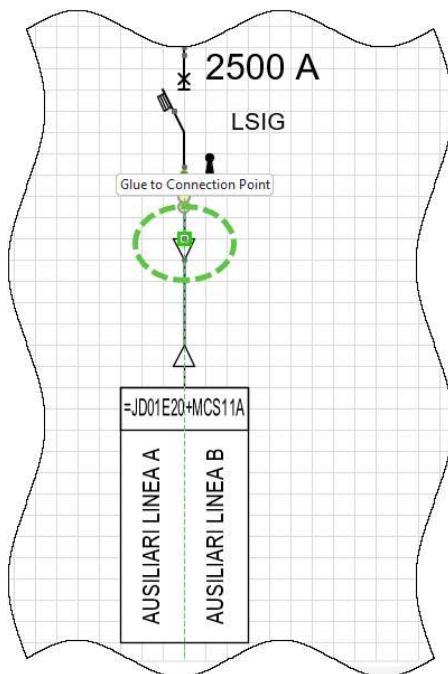
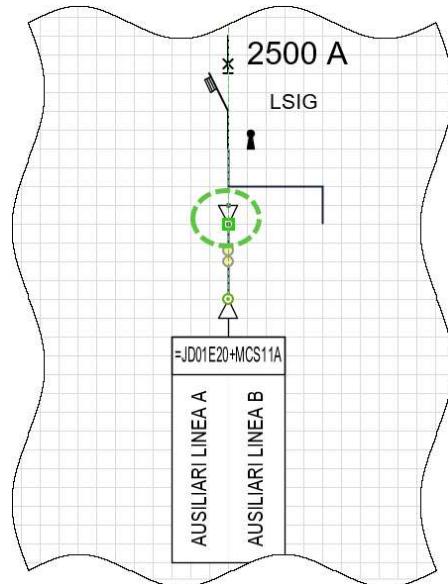
- Drag and drop a “Connector 1” in the diagram. Be sure to drop the low extremity of the connector to the upper connection point of the switchboard in moving this extremity near the connection point until a green rectangle is displayed.



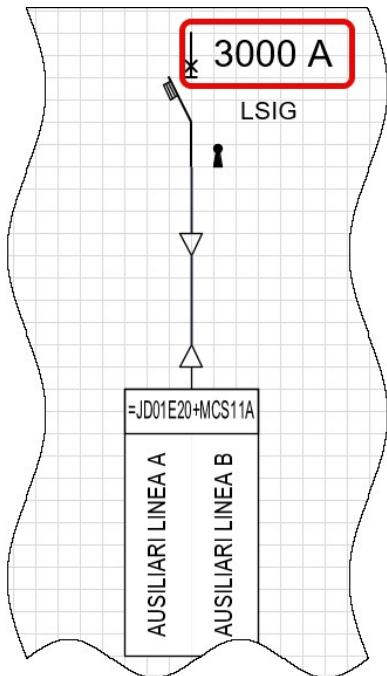
- Optionally, set the rated current in the LV Switchboard



- Connect the other extremity of the connectors to the right place by dragging the extremity to the connection point of the cable terminal.



- The rated current of the Circuit breaker is automatically updated.



After these steps, each time you modify the rated current of the switchboard, the rated current will be propagated.

You could always modify the rated current directly into the circuit breaker. Be aware that modification of the value in the Switchboard will overwrite the value you set directly in the Circuit breaker.

3.3.2. Using the Circuit breaker with terminal

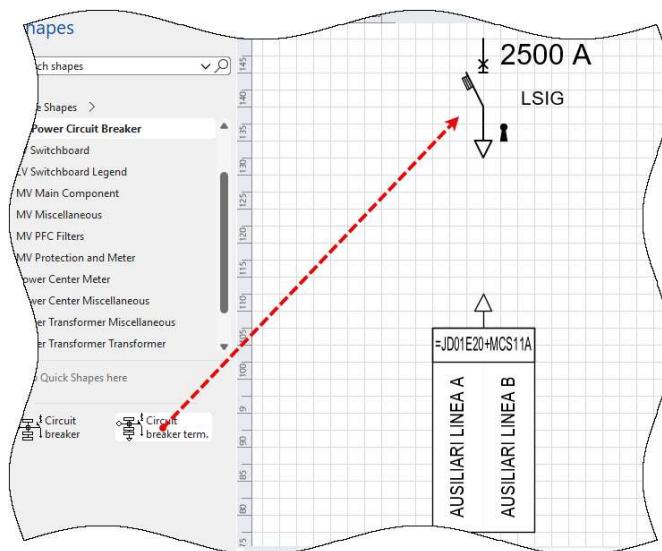
Depending on how you create your diagram, you can use the “Circuit breaker term.” shape for simplifying the propagation settings.

For connecting a “LV Switchboard” to a “Circuit breaker term.”, follow these steps:

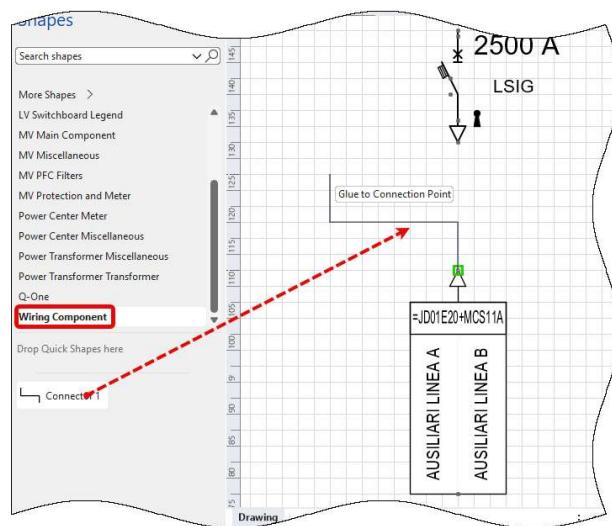
- Drag and drop an LV Switchboard in the diagram.



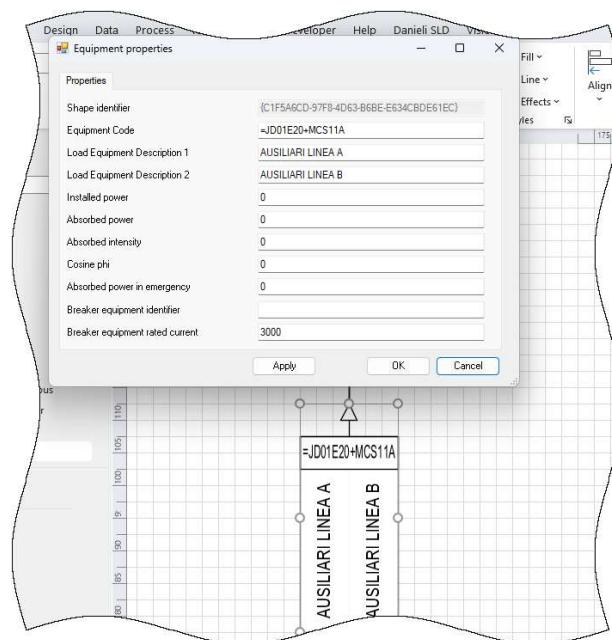
- Drag and drop a “Circuit breaker term.” in the diagram.



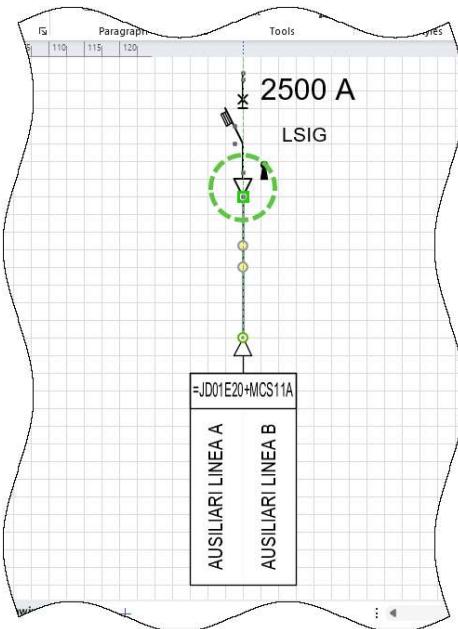
- Drag and drop “Connector 1” in the diagram. Be sure to drop the low extremity of the connector to the upper connection point of the switchboard in moving this extremity near the connection point until a green rectangle is displayed.



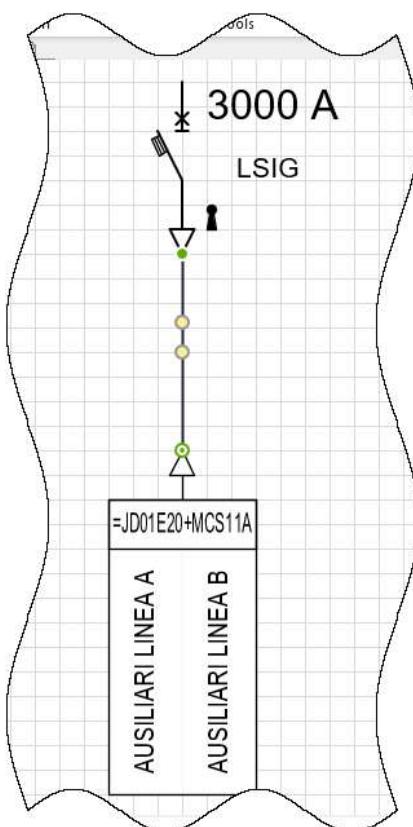
- Optionally, set the rated current in the LV Switchboard



- Connect the other extremity of the connector to the right place of the connection point of the “Circuit breaker term.” shape.



- The rated current of the Circuit breaker is automatically updated.



After these steps, each time you modify the rated current of the switchboard, the rated current will be propagated.

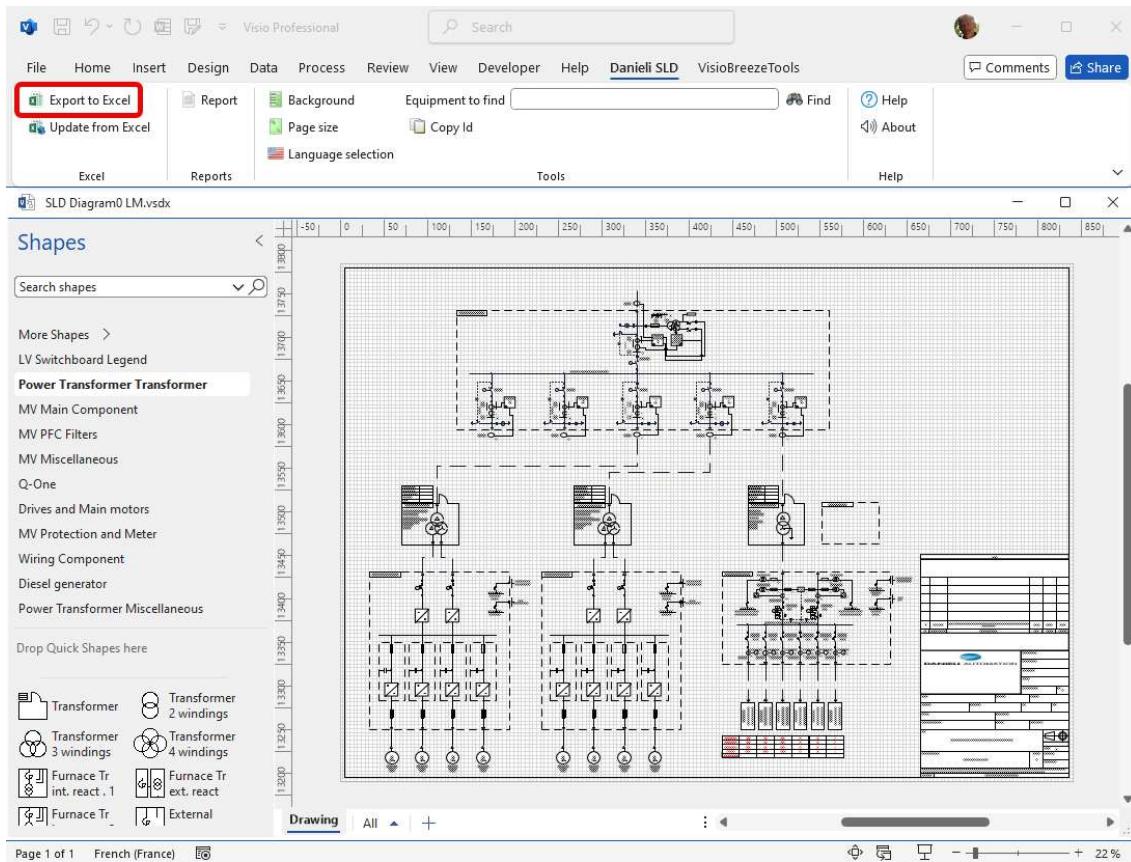
You could always modify the rated current directly in the circuit breaker. Be aware that modification of the value in the Switchboard will overwrite the value you set directly in the Circuit breaker.

3.4. Synchronization with Excel

You can export the content of the drawing to an Excel file.
The created excel file will be connected to the drawing.

The Excel file will have the same name (except for the file extension) as the name of the drawing.

For creating the Excel file, when your drawing is opened, use the “Export to Excel” command.



The Excel file is created in the “Projects” directory on your PC.

The screenshot shows an Excel spreadsheet titled "SLD Diagram0 Lu...". The table has columns A through E. Column A contains row numbers from 1 to 13. Columns B and C contain unique identifiers for each circuit breaker. Column D contains the formula =JA01E10+PCT01 for all rows. Column E is empty. The status bar at the bottom indicates "Nb (non vides) : 247".

	A	B	C	D	E
1	ShapeName	Circuit breaker identifier	PowerCenter identifier	Feeder equipment	Load identifier
2	Circuit breaker.51	{0C89DA05-F818-4CF4-BA42-A33228CE6D44}	{5940D7A8-E62E-40C1-AFC5-C8945BF1A678}	=JA01E10+PCT01	
3	Circuit breaker.1571	{A182E15C-F8C6-4F2F-81EE-58B50E106670}	{5940D7A8-E62E-40C1-AFC5-C8945BF1A678}	=JA01E10+PCT01	
4	Circuit breaker.1601	{B6F36E5F-7CA6-414F-B31B-4CA8954E4DE3}	{5940D7A8-E62E-40C1-AFC5-C8945BF1A678}	=JA01E10+PCT01	
5	Circuit breaker.1641	{BEBC9612-B5FF-4485-B048-BEC5C02AE52F}	{5940D7A8-E62E-40C1-AFC5-C8945BF1A678}	=JA01E10+PCT01	
6	Circuit breaker.1703	{0D82BA28-3FA3-4071-9A96-0CCB7A8CE84E}	{5940D7A8-E62E-40C1-AFC5-C8945BF1A678}	=JA01E10+PCT01	
7	Circuit breaker.1734	{9C54A4C3-6B70-42D4-B9CA-41CFFE4C870A}	{5940D7A8-E62E-40C1-AFC5-C8945BF1A678}	=JA01E10+PCT01	
8	Circuit breaker.1765	{105F527A-CEDD-4551-AA47-EA938055D58A}	{5940D7A8-E62E-40C1-AFC5-C8945BF1A678}	=JA01E10+PCT01	
9	Circuit breaker.3468	{02DB37D2-A641-44DB-B93D-D24A01A033F9}	{5940D7A8-E62E-40C1-AFC5-C8945BF1A678}	=JA01E10+PCT01	
10	Circuit breaker.3747	{CA7F7443-2D5D-4811-862F-09341DA6A96A}			
11	Circuit breaker.3773	{075118EF-17BD-4CF4-B140-45587B8600FE}			
12	Circuit breaker.4035	{C6982AE4-127E-473B-A46B-7E5ADC8A0185}			
13	Circuit breaker.4053	{7A86E25B-CD8F-4797-A313-FF7520840F6F}			
14					
15					
16					
17					
18					
19					
20					

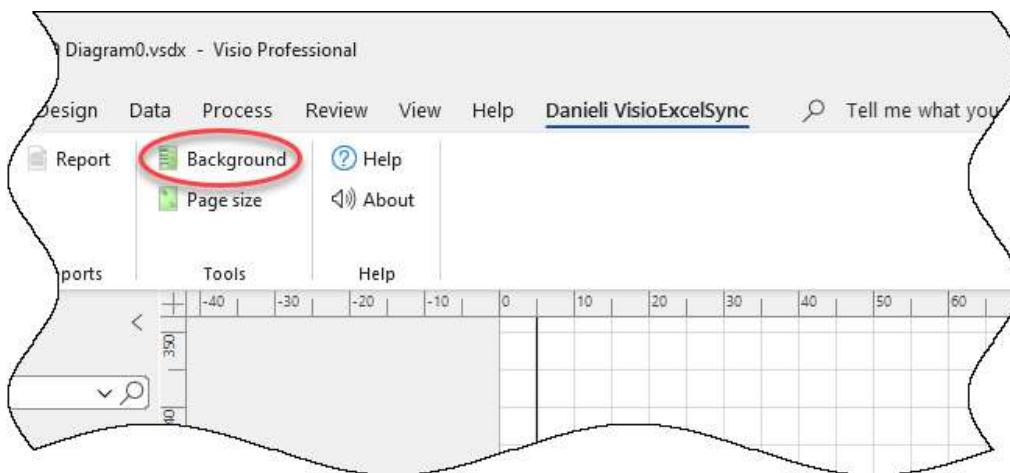
If you modify the Excel file content, you can update the diagram from Excel using the “Update from Excel” command.

The characteristics will be updated using the unique identifier that is affected to each shape of the drawing and that is also in the Excel file.

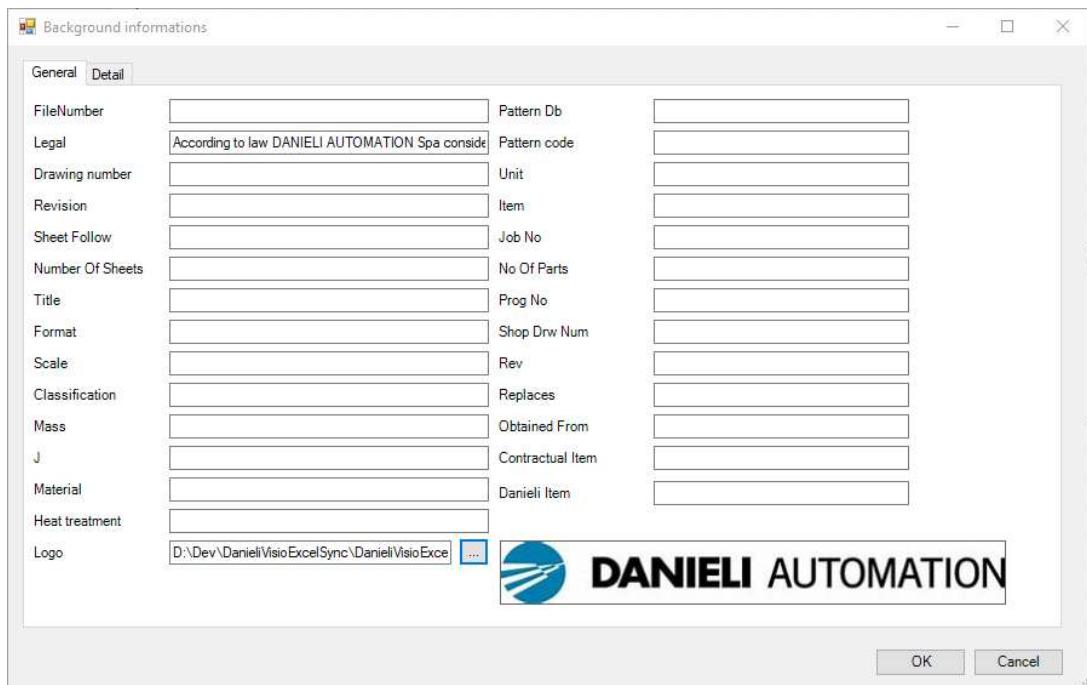
Warning: Don't modify the identifiers.

3.5. Background modification

The Drawing has a background that has information that can be updated.
For accessing the information of the background use the “Background” command.

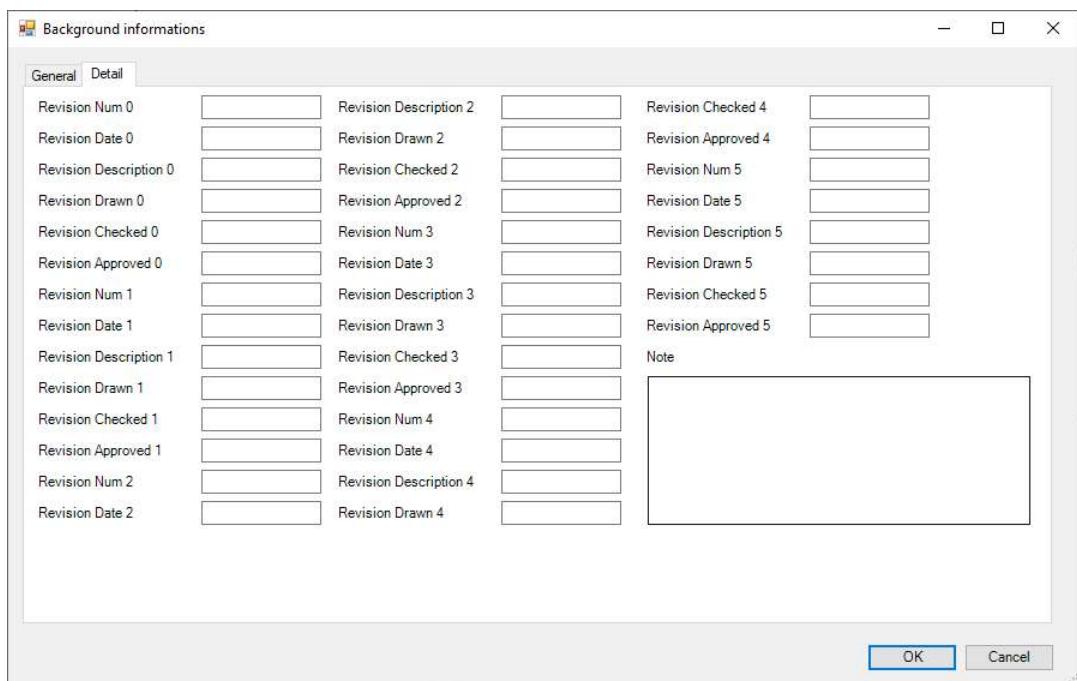


The Background dialog box is displayed.



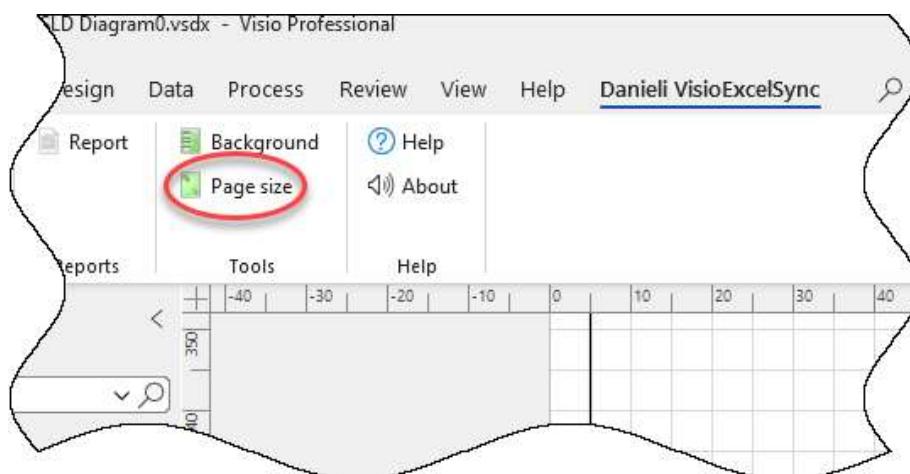
You can modify the information in this dialog box including the Logo. Be aware that the size of the Logo must be 418x53 if you want to have accurate display of it in the Background page. All the changes will be reflected in the Background.

For accessing the revision information click the Detail Tab.



3.6. Modifying the Page size

You can modify the page size of the drawing using the “Page size” command.



The page size dialog box is displayed.



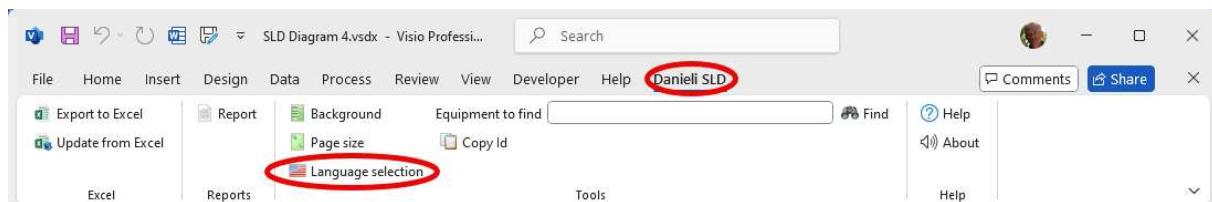
3.7. Translate the diagram.

The application has the ability to display the equipment that needs translation in another language.

By default, there are four languages:

- English
- German
- French
- Italian

For translating the diagram, just use the command “Language selection”.

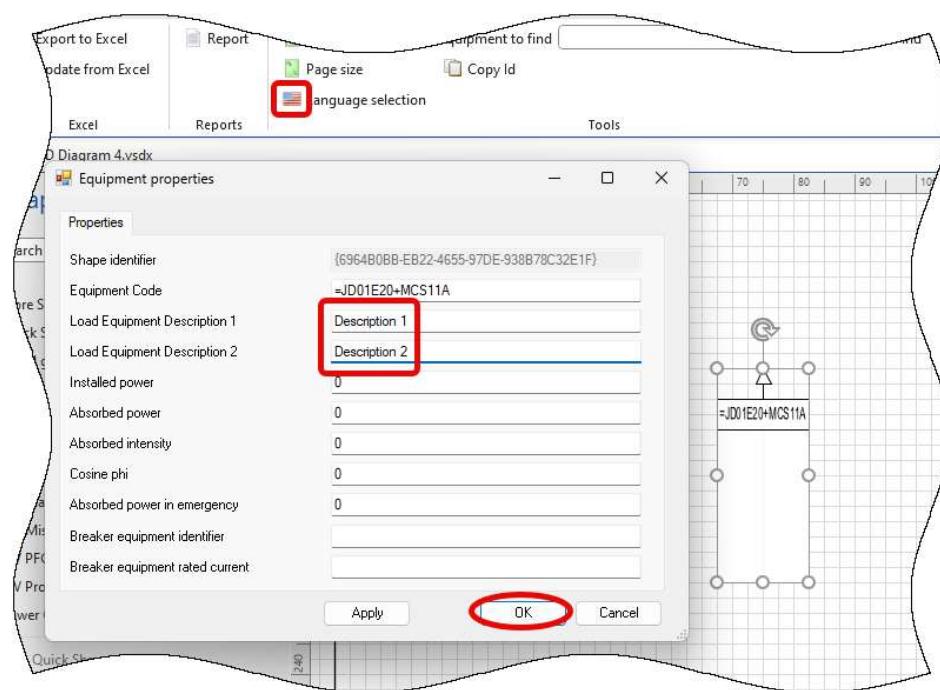


The “Language selection” button has an icon that indicates the language selected for the current document. This information is stored in the document.

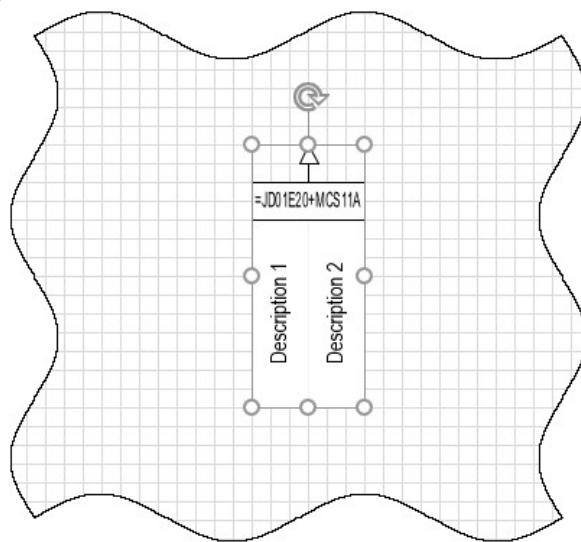
To understand what are the value that are translatable you need to take a look at the “Master Shape V1.30.xlsx” definition file.

3.7.1. Translating from the diagram

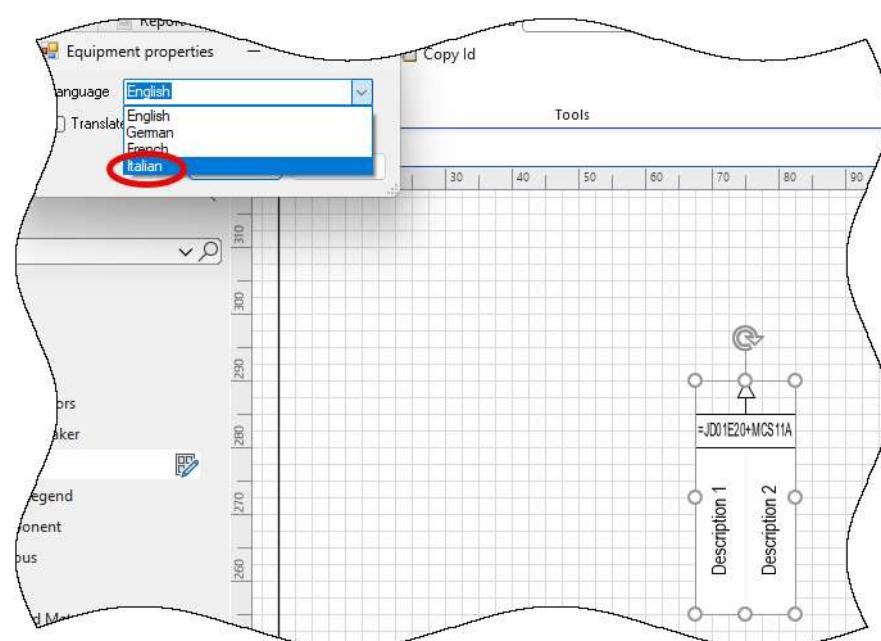
For example, if you have a LV Switchboard in your diagram, you will set the English information for the “Load Equipment Description1” and the “Load Equipment Description 2”

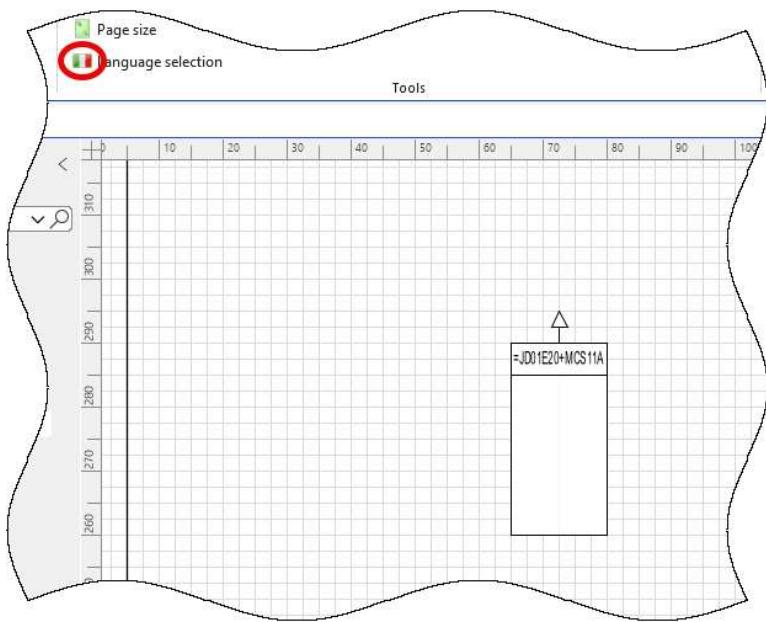


These informations will be displayed in the diagram when the modification will be accepted by clicking the “OK” button.

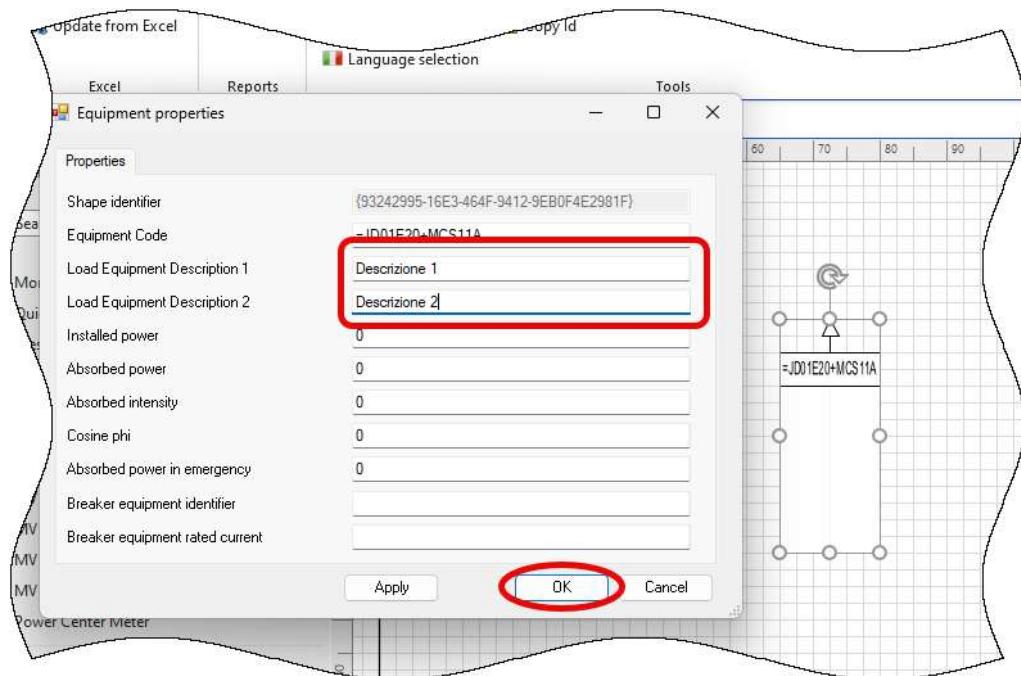


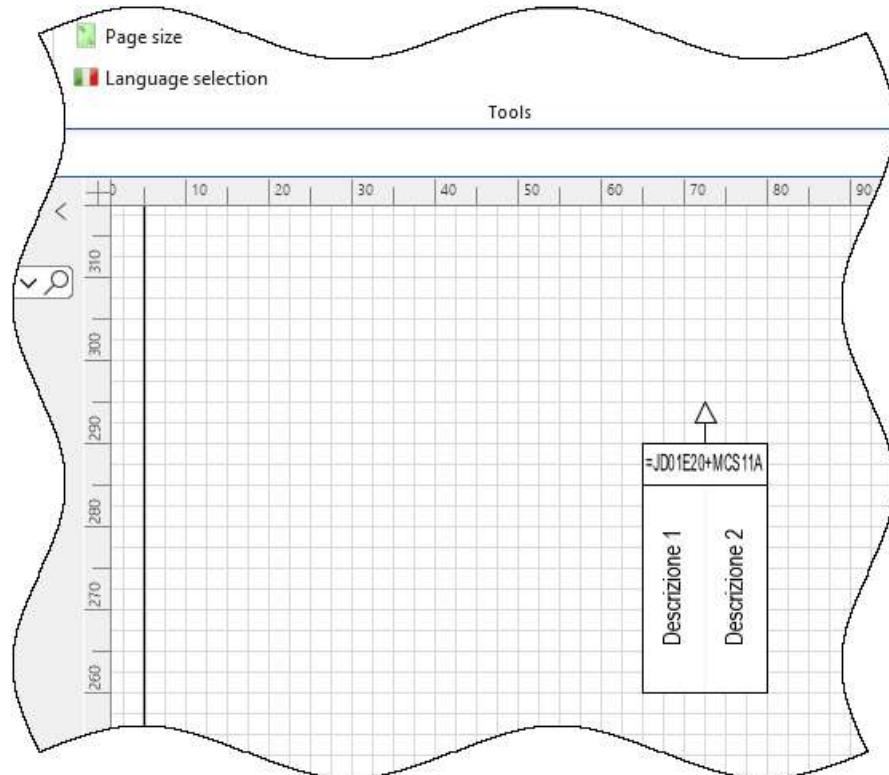
Now if you select the Italian Language, you will see that the description is empty as you have not set any Italian value for the description.



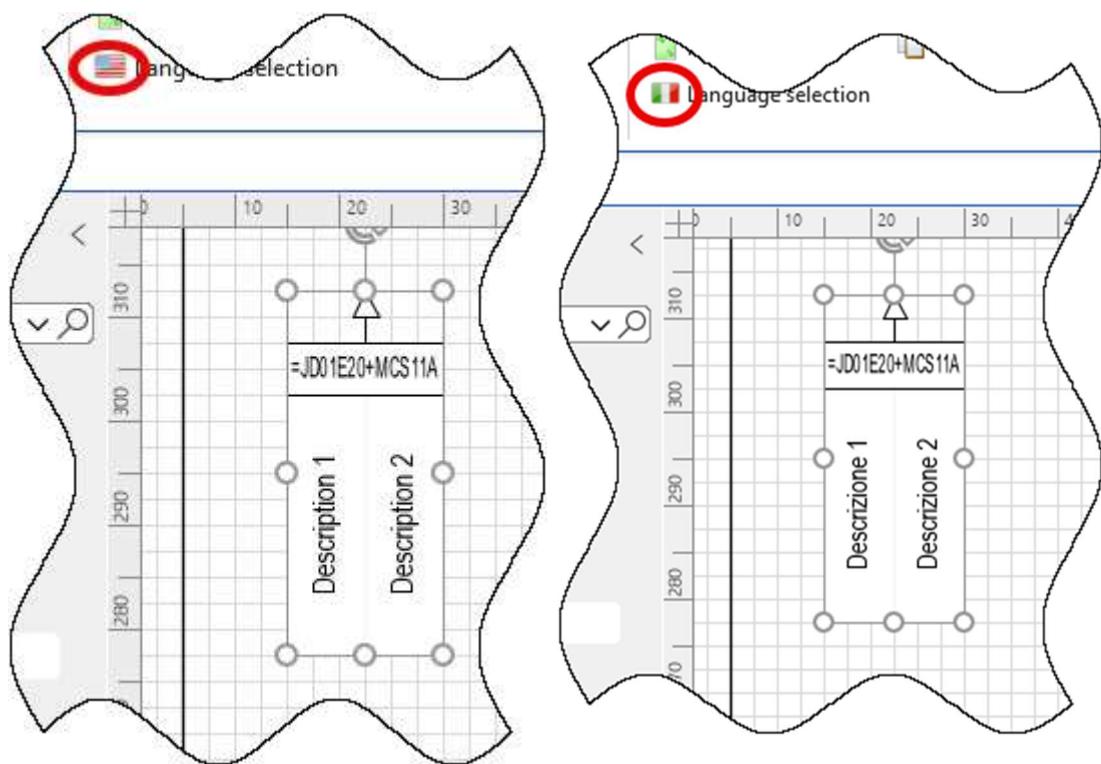


Now modify the descriptions when Italian language is selected, and you will see the Italian description.





You can then change the language as you like.

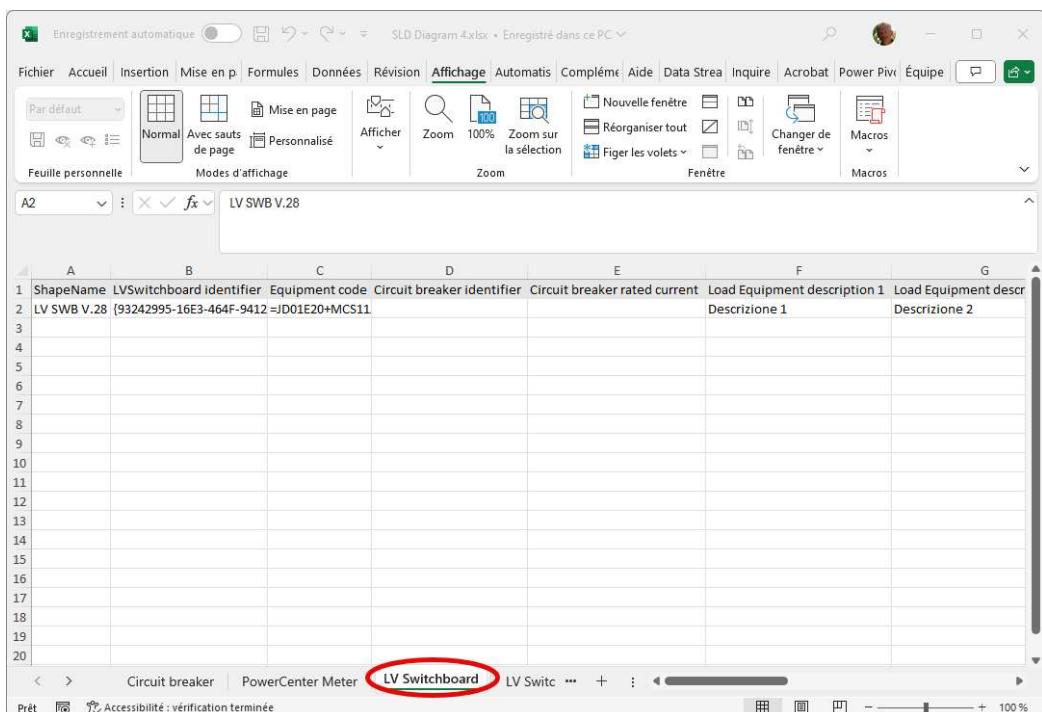


3.7.2. Translating using from the Excel file

You can translate the content using the exported Excel file of the diagram.

Open the Excel file that is located in the same directory as the Visio drawing file.

In this excel file you will find a tab by category of equipment.



A	B	C	D	E	F	G
1	ShapeName	LVSwitchboard Identifier	Equipment code	Circuit breaker identifier	Circuit breaker rated current	Load Equipment description 1
2	LV SWB V.28	{93242995-16E3-464F-9412-7D01E20+MCS11}				Descrizione 1
3						Descrizione 2
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

In the “LV Switchboard” tab locate the “...Language” columns.

You will see this content:

2057:Description 1|1031:|1036:|1040:Descrizione 1

The content of the translated column is composed of:

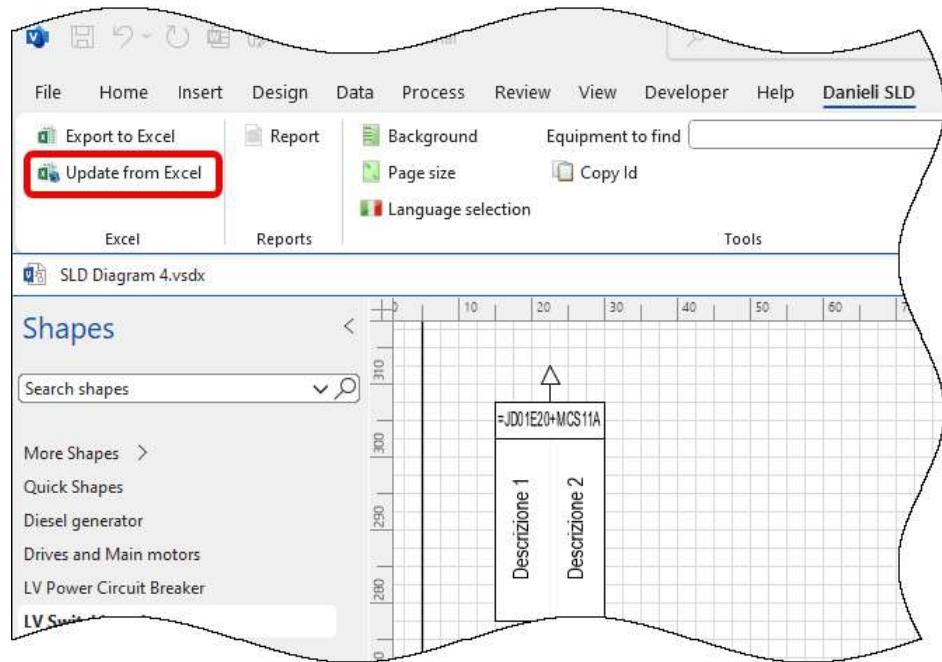
Language ID code
Content of field in the language
| Separator
Language ID code
Content of field in the language
| Separator

If you want to modify the content of the field you just have to modify the content for the corresponding language.

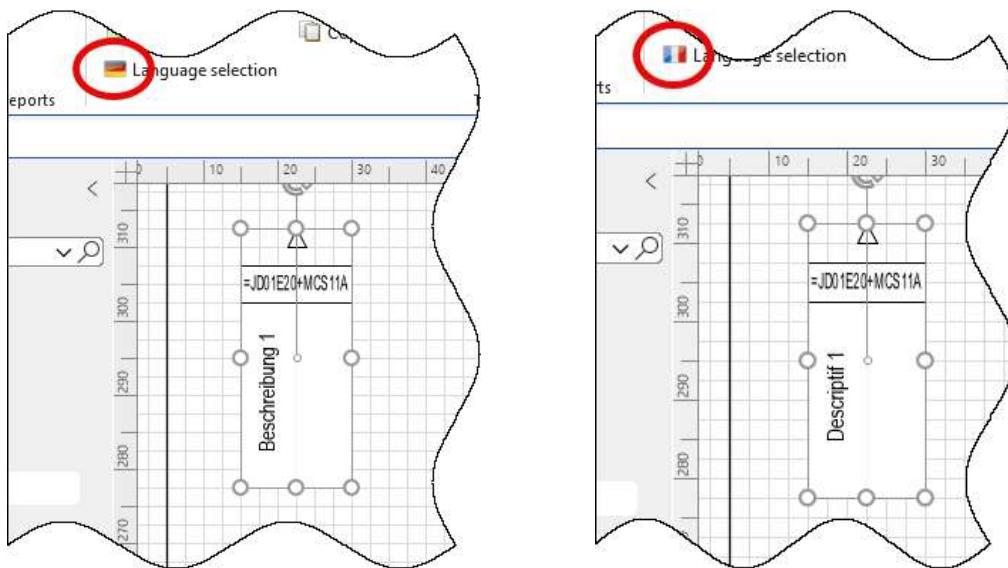
For example, if we want to add German and French content just replace the content of the description field like underneath:

2057:Description 1|1031: Beschreibung 1|1036: Descriptif 1|1040:Descrizione 1

After your modifications in the Excel file, you just need to update the drawing with the excel fil file using the “Update from Excel” command.



Then if you change the Language, you will have the new translation Language.



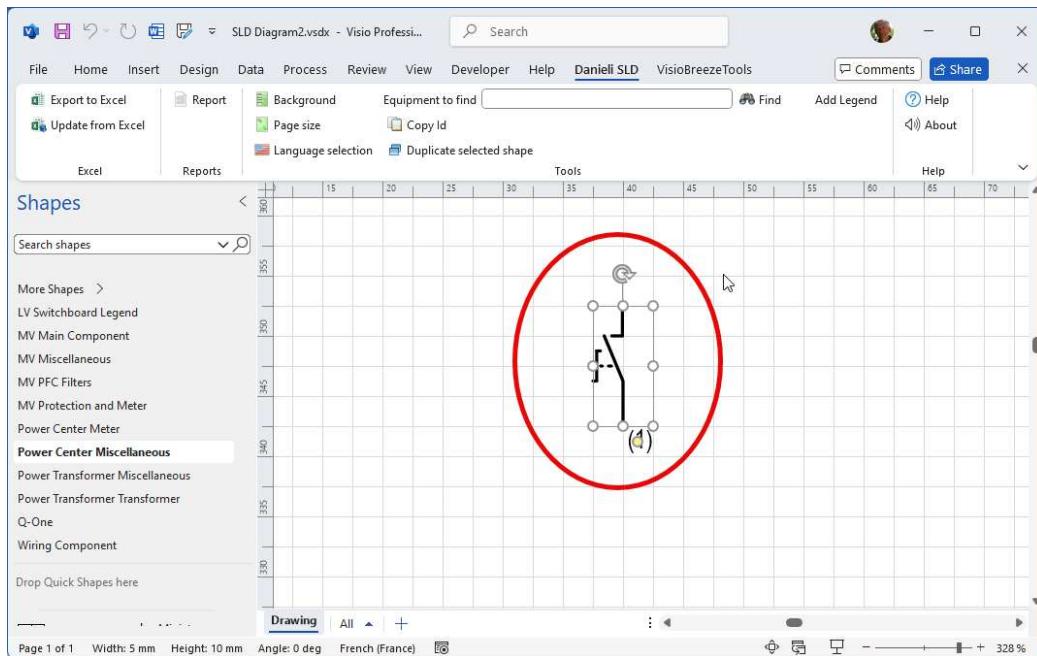
3.8. Duplication feature

Sometimes it is needed to duplicate elements or group of elements.

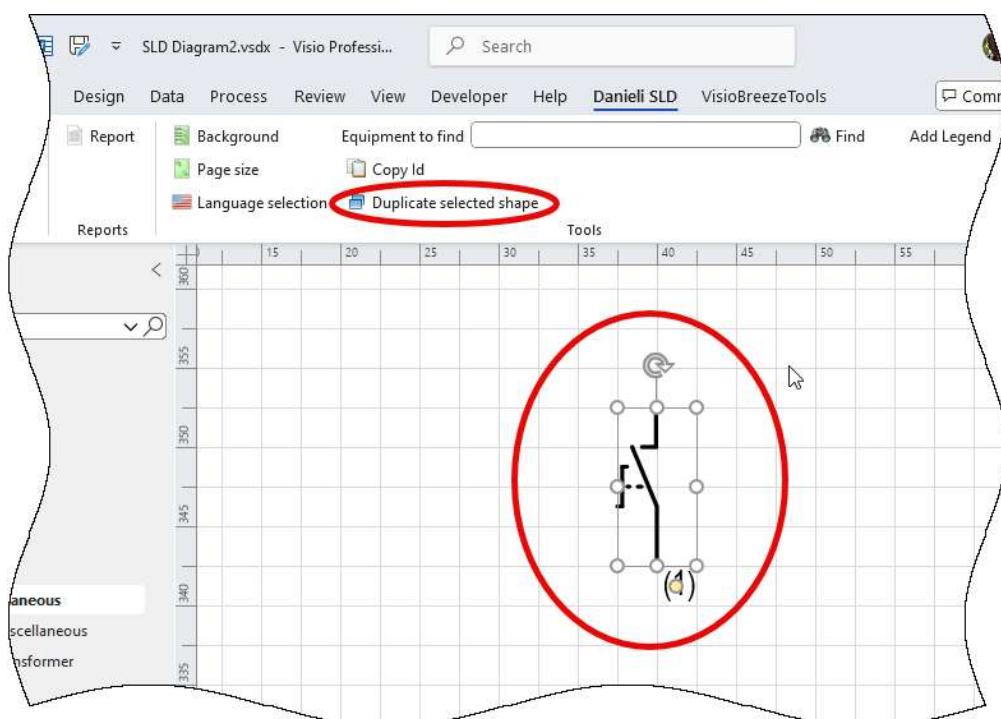
For that purpose, you can use the “Duplicate selected shape” command.

3.8.1. Static duplication of elements

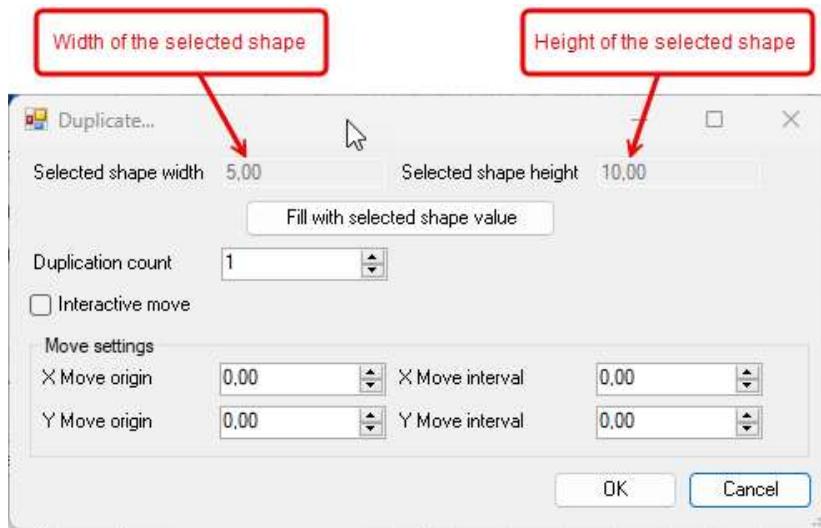
Select the shape, or the group of shapes you want to duplicate.



Click on “Duplicate selected shape” command:

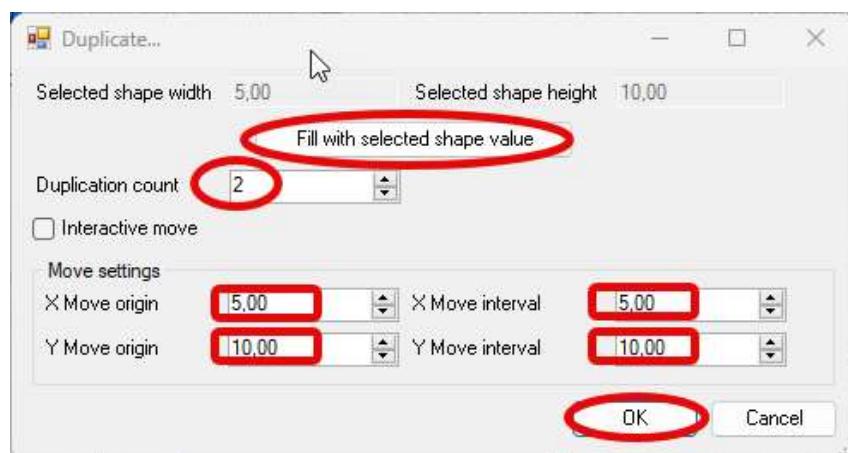


The Duplicate dialog box is displayed:

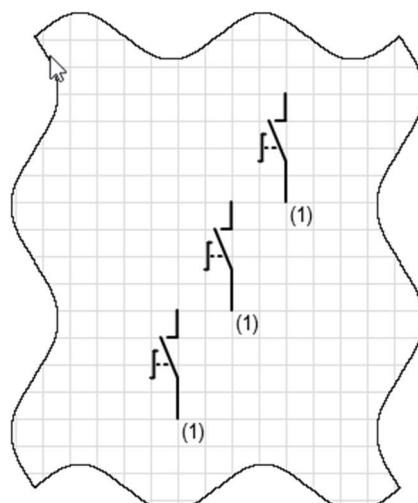


Click on “Fill with selected shape value” to fill the move settings with the appropriate values to duplicate side to side in width and height.

Choose the number of duplication and click “OK”.

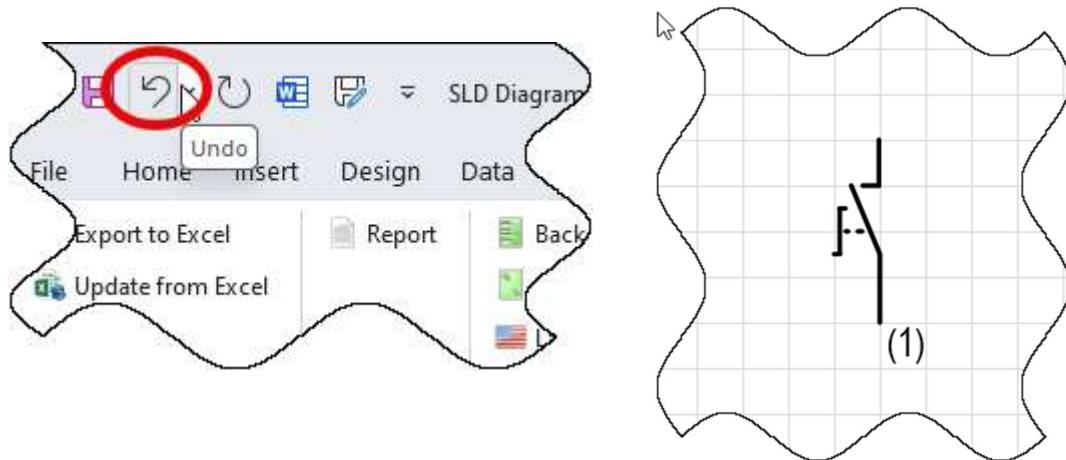


The duplication occurs in the diagram.

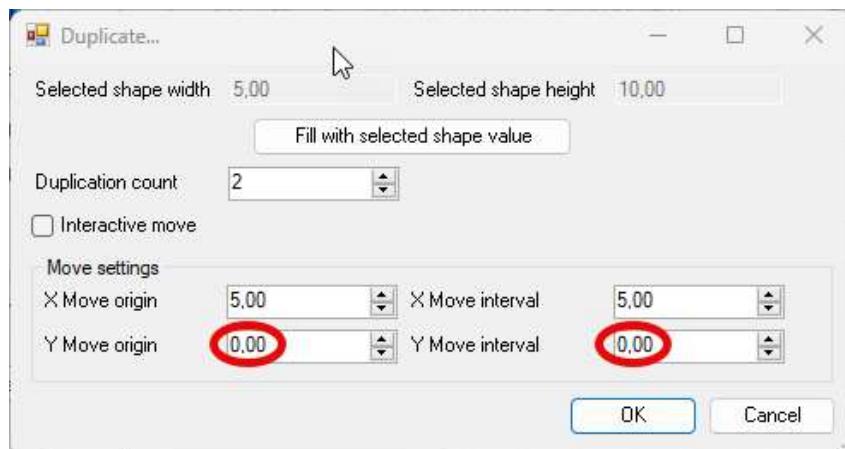


If I want to duplicate without modifying the vertical coordinate, you just need to type 0 in the “Y move origin” and in the “Y move interval”.

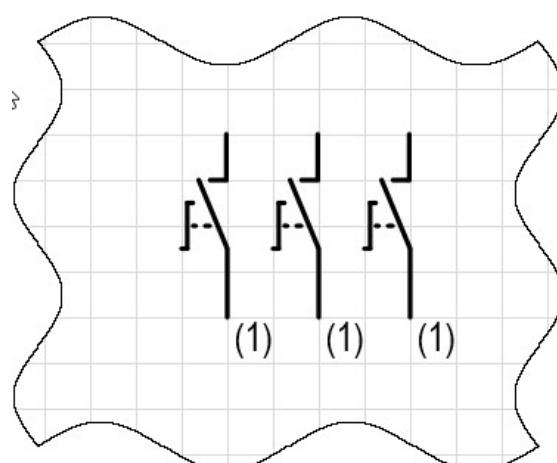
Undo the change clicking several times to return to the original state before the duplication occurs.



Then use the “Duplicate selected shape” command. The old values are still there. Modify the Y values and click “OK”.



The result seems to be better to look like what is usually wanted.

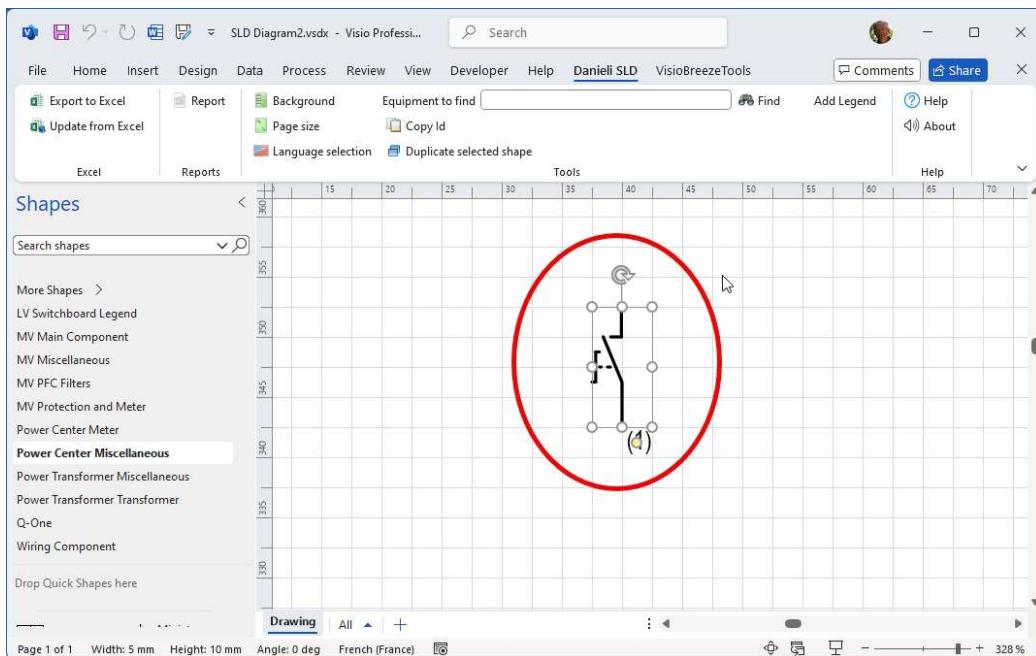


Note:

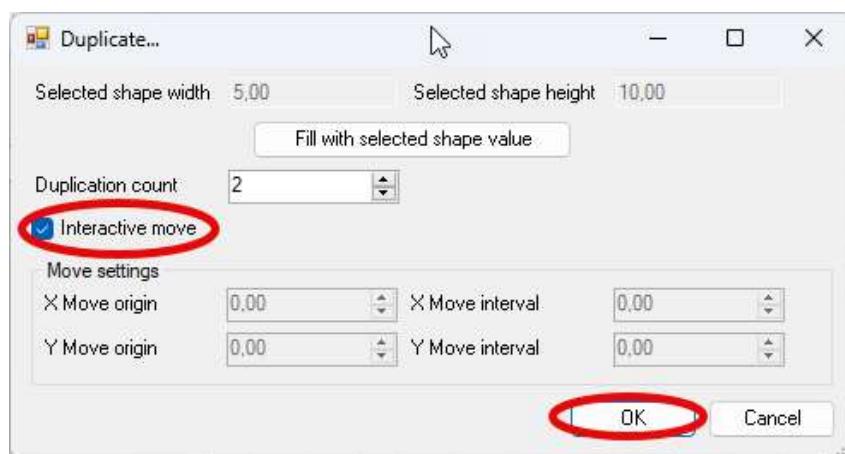
You can use the increment or decrement arrows that are available for each coordinate. These increments are of 2.5 mm to be consistent with the grid of the diagram.

3.8.2. Interactive duplication of elements

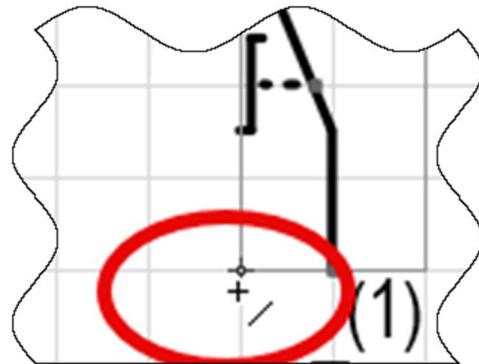
Select the shape, or the group of shapes you want to duplicate.



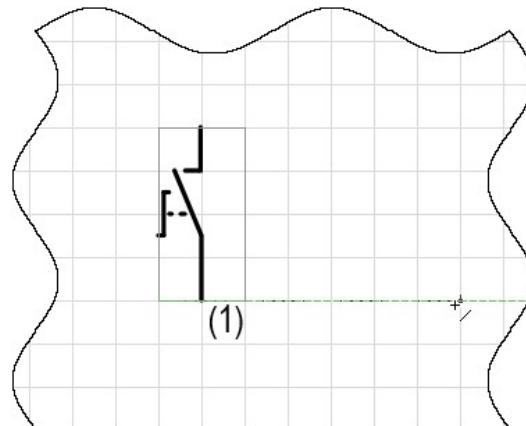
Click on “Duplicate selected shape” command, the duplicate dialog box is displayed. Check “Interactive move” and click OK.



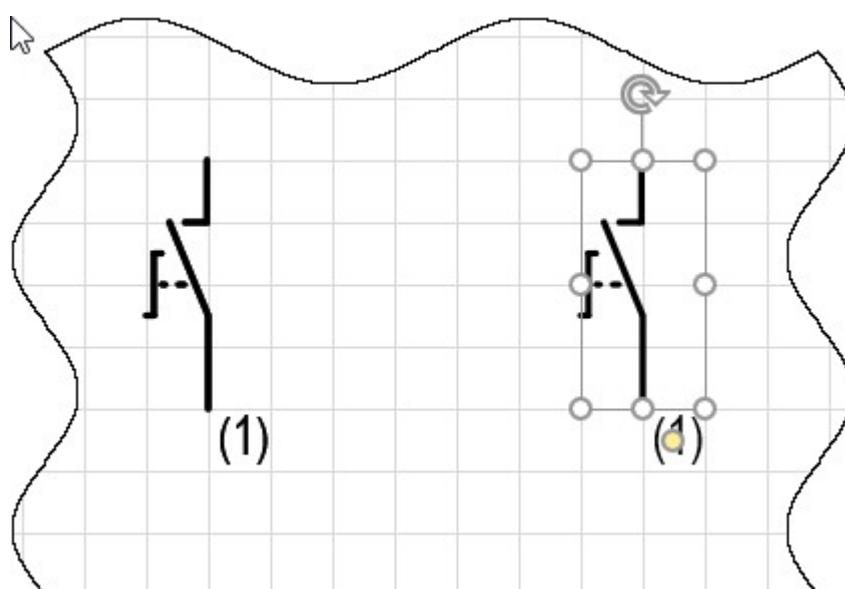
Then move the mouse to the origin point needed. Be careful to keep the cursor displaying the line tool creation.



Click and drag (keeping the left mouse button pressed) to the destination point. The move origin of the duplication will be the first click and the length of the drag will be the move interval.



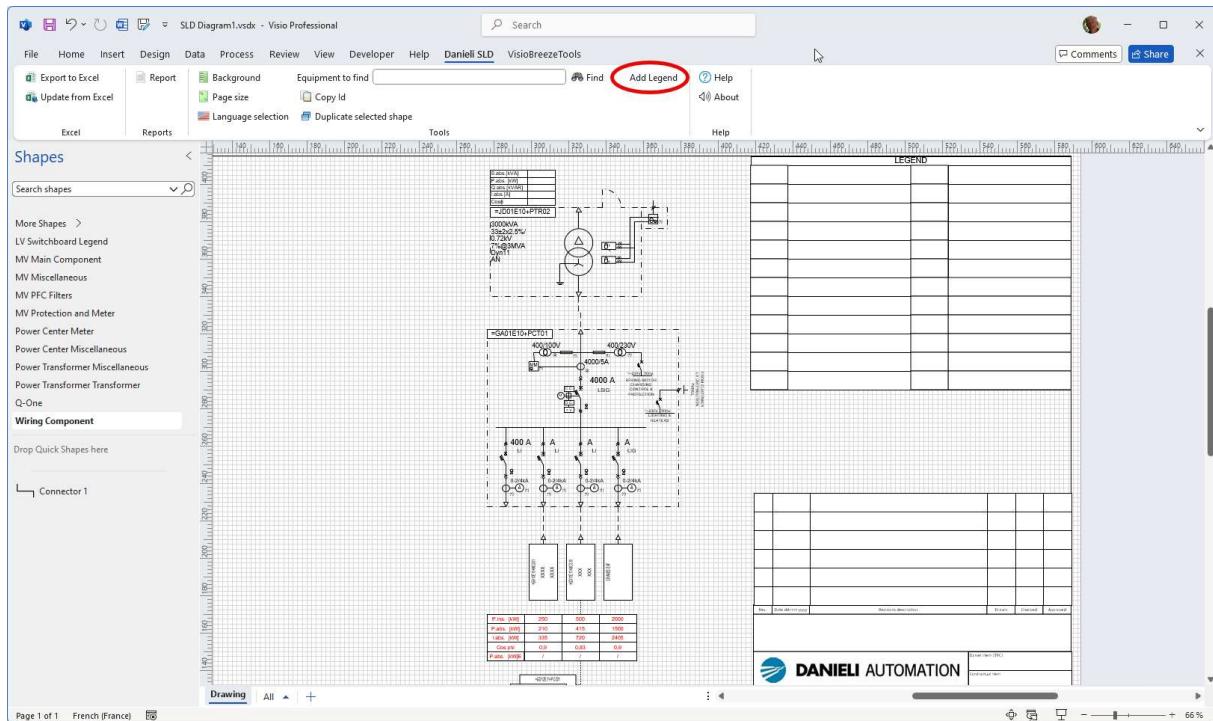
The duplication occurs.



3.9. Add legend feature

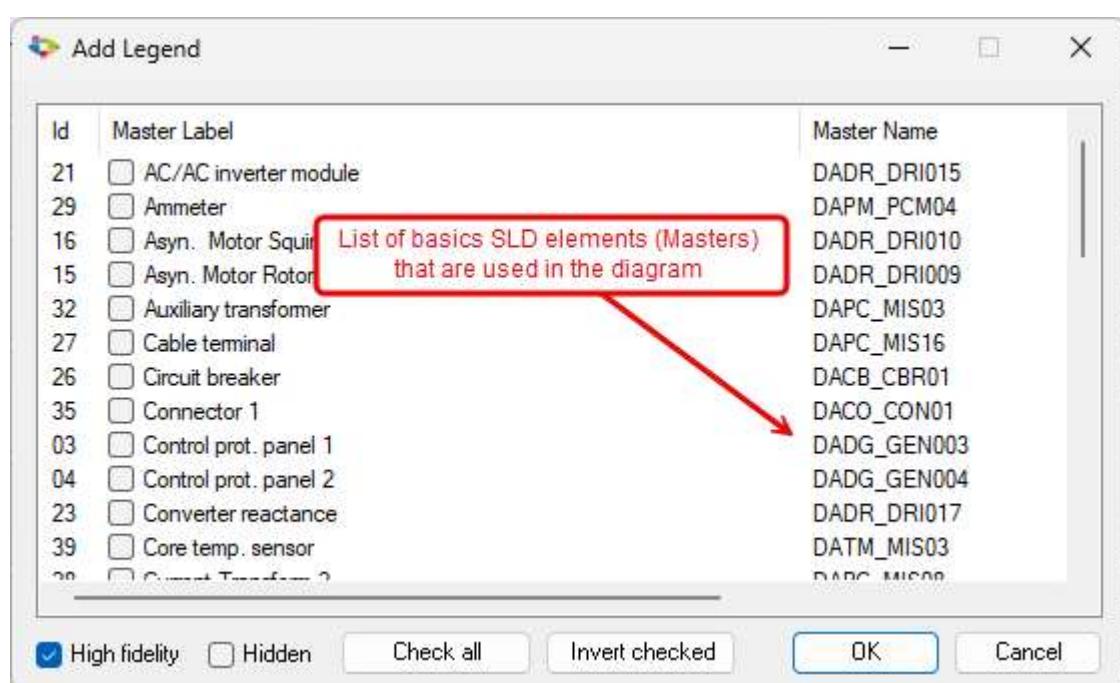
If you add to add a legend to your diagram you can use the "Add Legend" command.

Click on the command "Add Legend".



The legend dialog box is displayed.

A list of all the elements (Masters) used in the diagram is displayed in the dialog box.

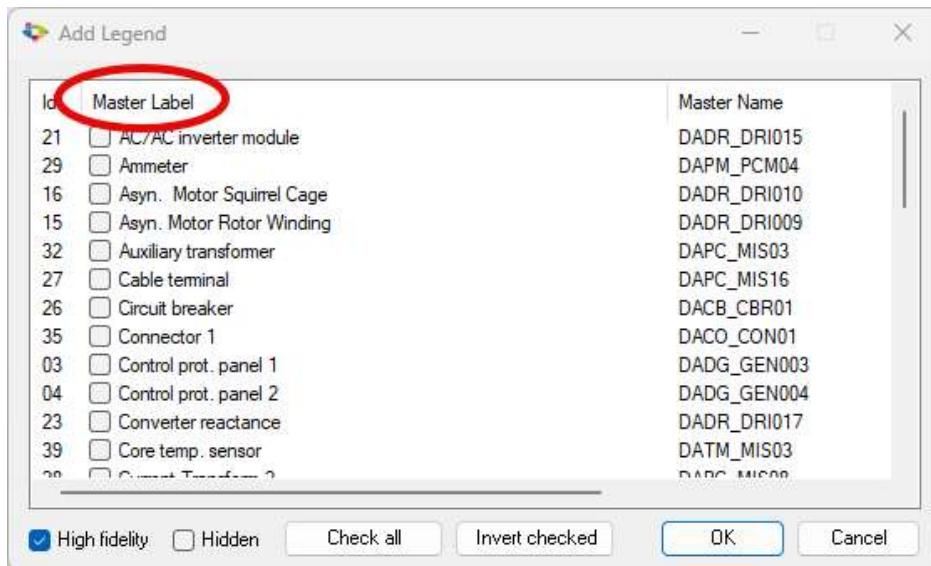


3.9.1. Sorting the element

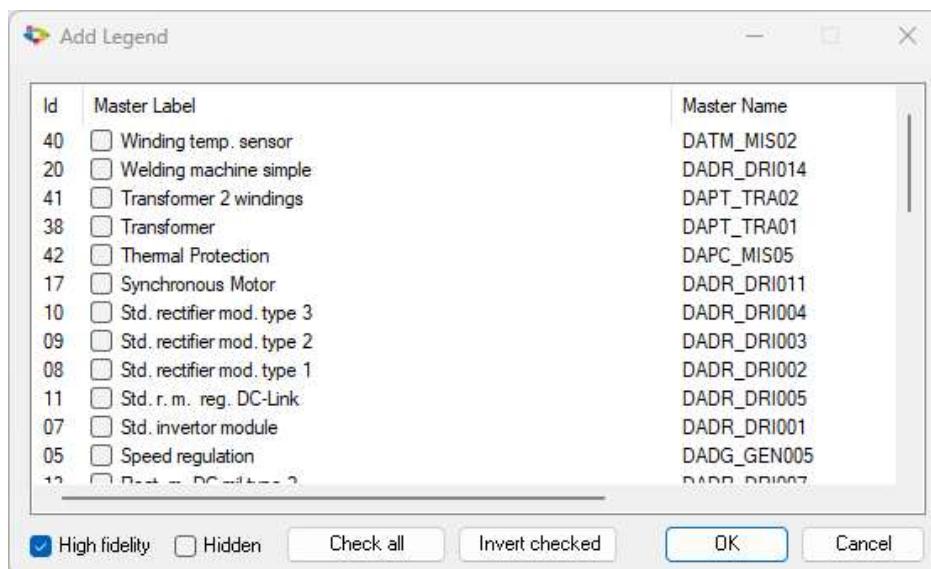
You can sort the list in different ways:

- Clicking on the header of a column will change the sort order from ascending to descending,
- Dragging an element will move the element to another position.

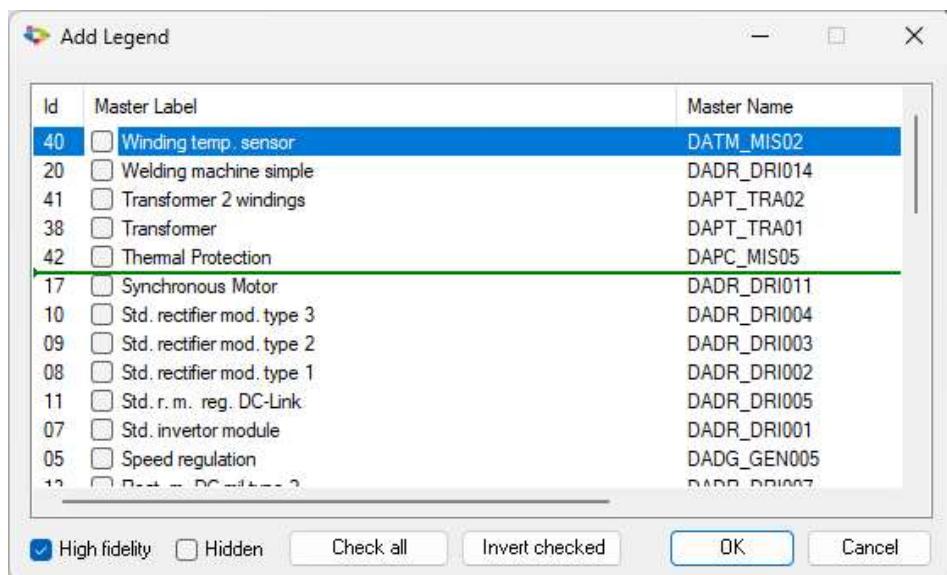
Before clicking:



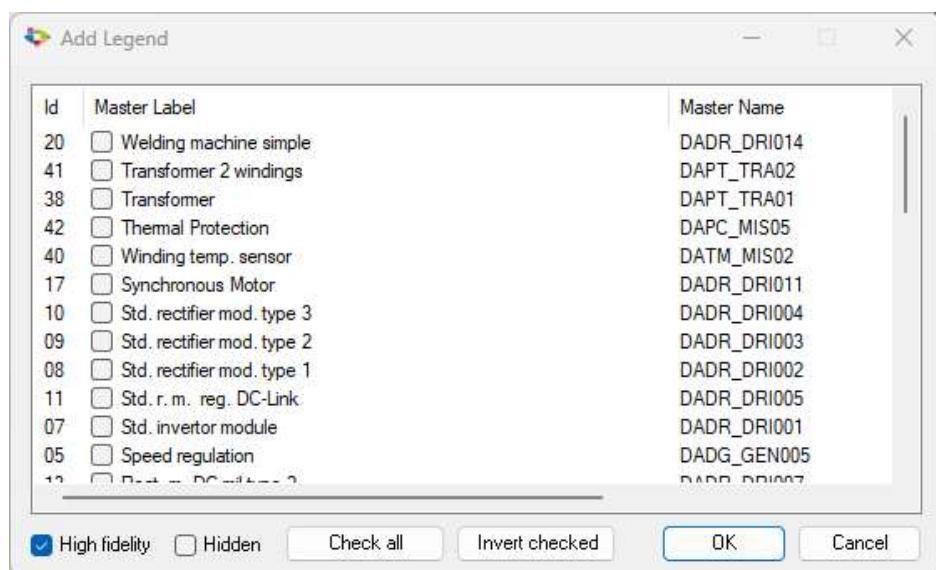
After clicking:



During dragging the selected line to another position:

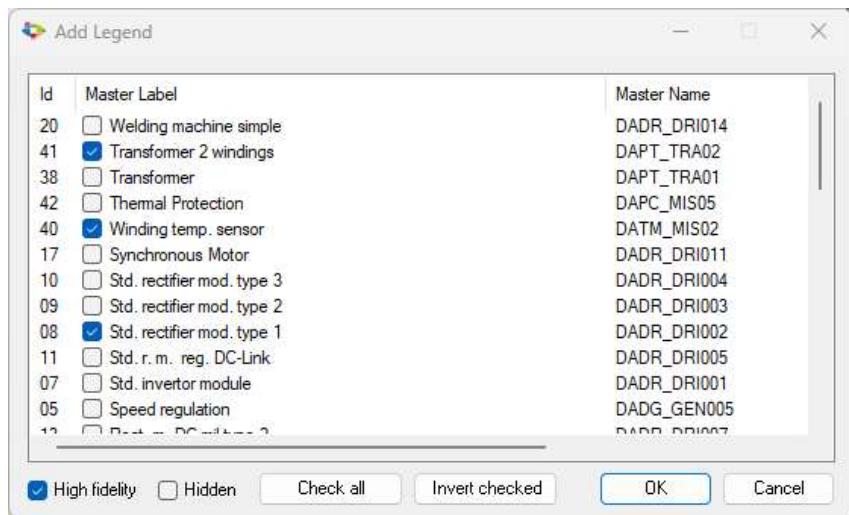


After dragging the selected element:

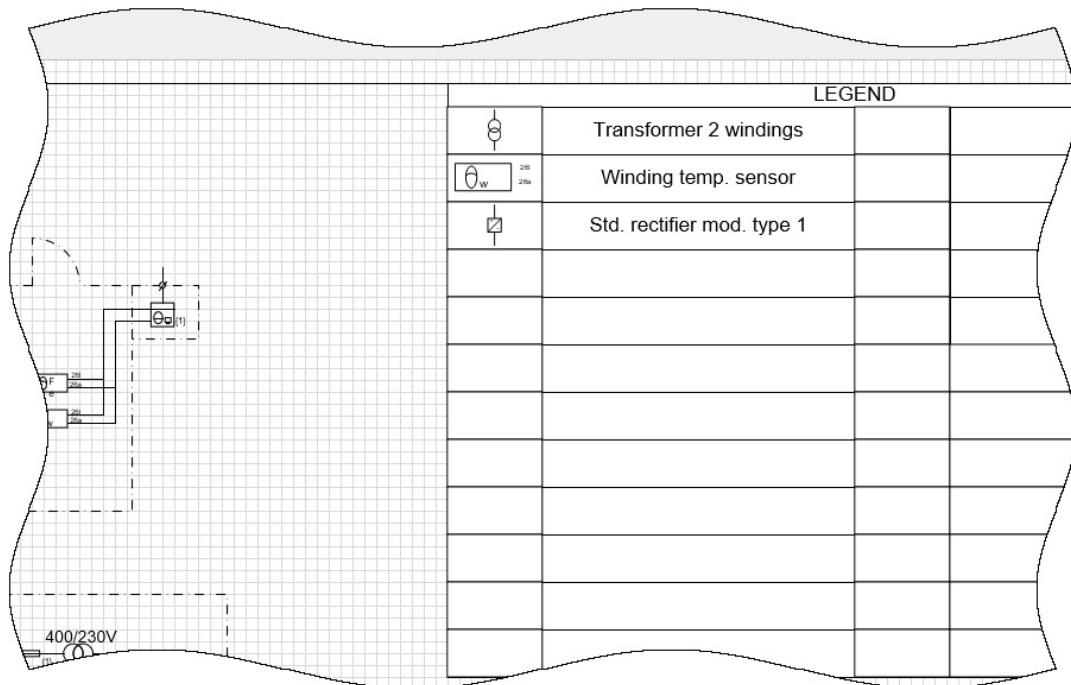


3.9.2. Choosing the legend elements

To choose the element that must be displayed in the diagram legend, just check the needed elements in the list.



Click “OK”. After a while the legend is updated.



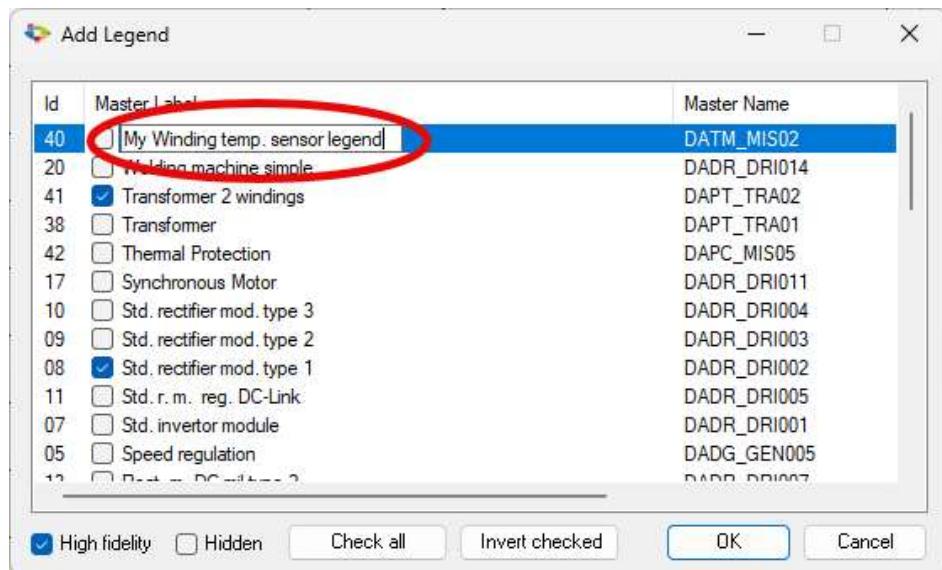
You can use the “Check all” or “Invert checked” button to ease your selection.

The “Hidden” check box helps you to hide completely the legend if needed.

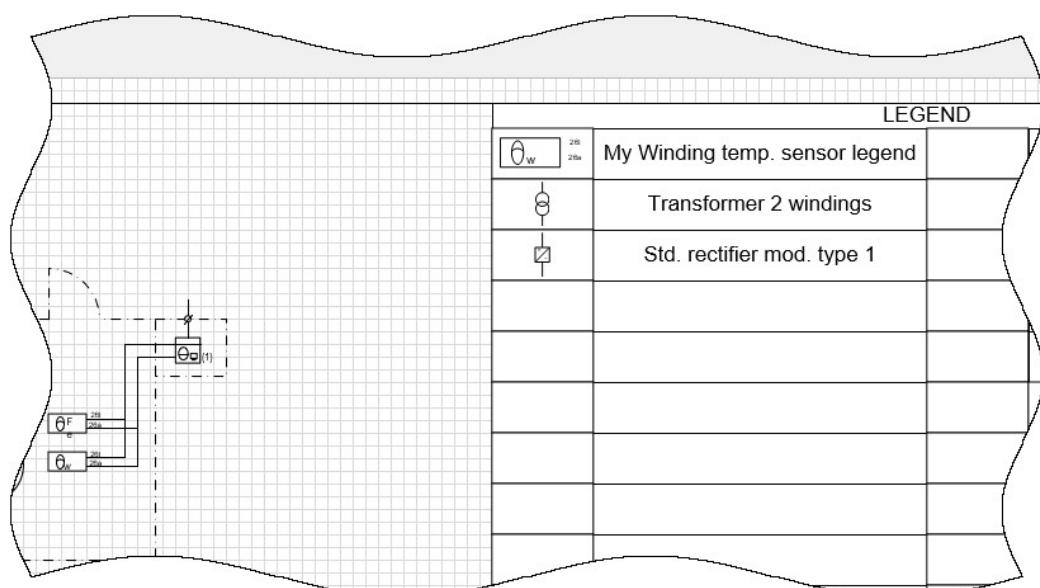
3.9.3. Modifying the Master Label

By default the “Master Label” is the label of the master shape in the corresponding stencil.

If you want to modify this label, you can do that in double clicking on the label in the “Add Legend” dialog box before applying or accepting the legend creation.



After applying the changes:



4. CUSTOMIZING THE SOLUTION

The solution can be slightly customized.

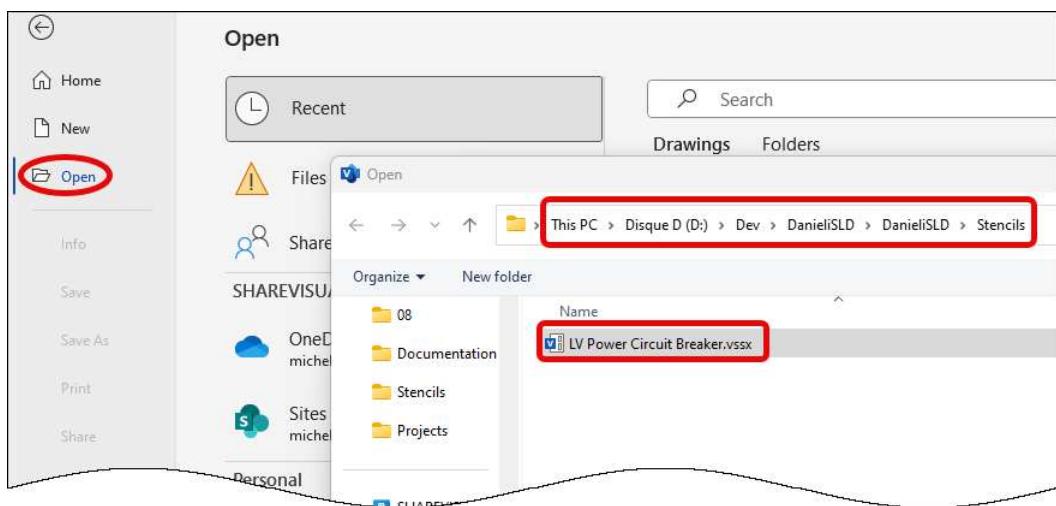
4.1. Defining default value of the Master Shapes

When a shape is dropped from its stencil to the drawing, the value of the Shape Data comes from this stencil.

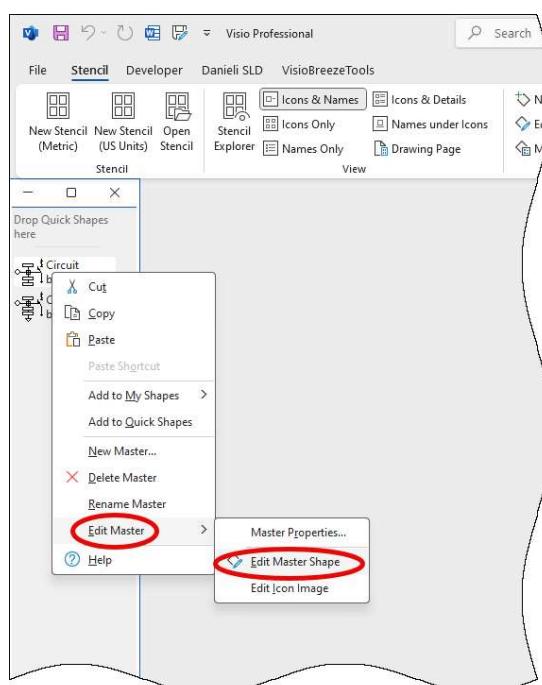
If you modify these values directly from the stencil, these values will become the default one.

Let's look to an example for modifying the default value of the rated current of the "Circuit breaker".

Close any opened diagram file and open directly the right stencil.

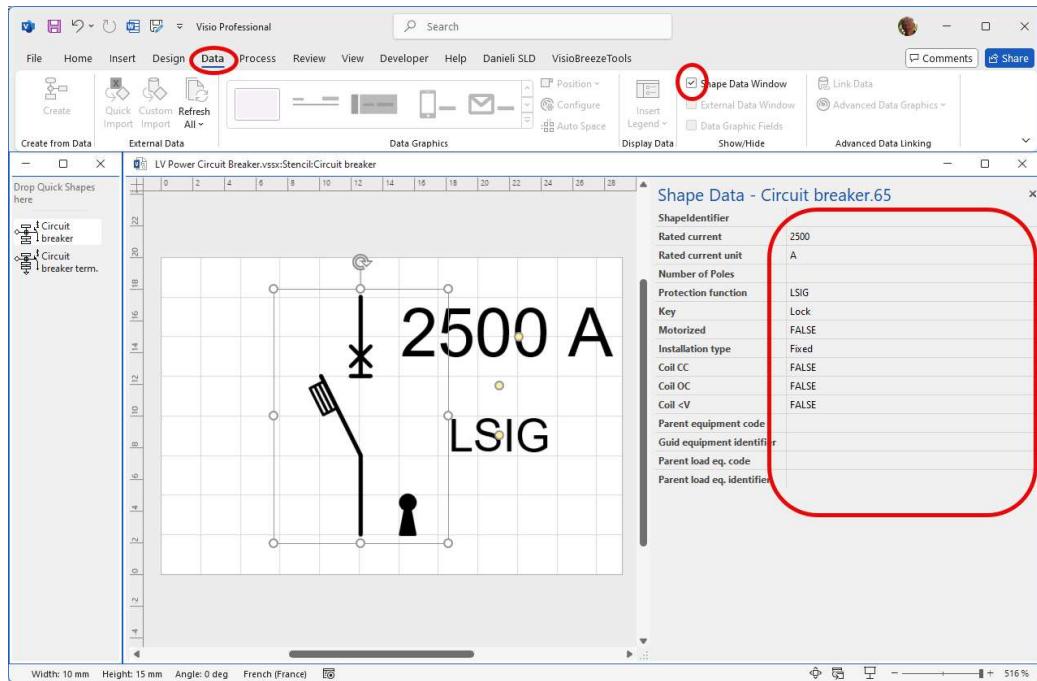


Select the Master Shape you want to modify, open the context menu (Right Click on the Master Shape) and select the "Edit Master"=>'Edit Master Shape" command.

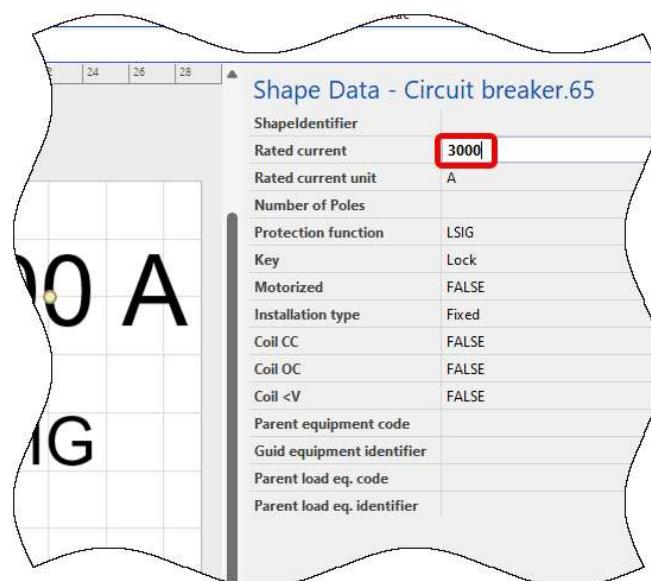


The Master Shape is displayed.

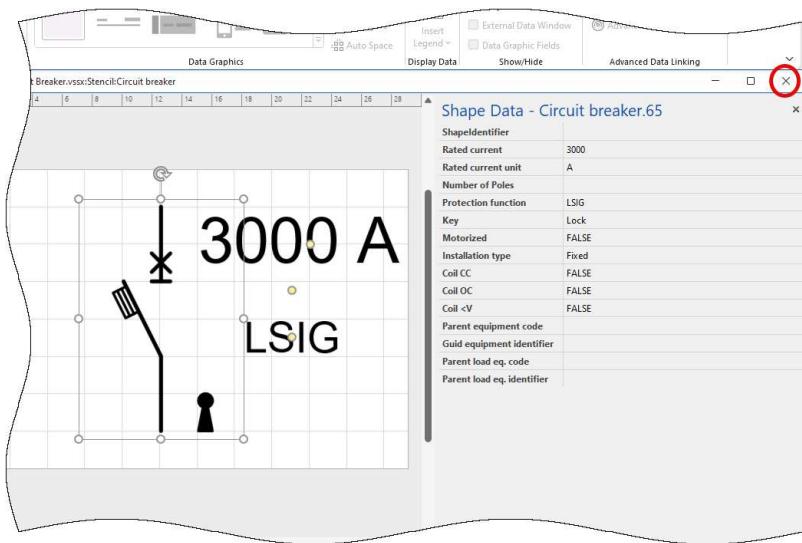
Select it and in the “Data” tab, check “Shape Data Window”, the values of the Shape Data are displayed.



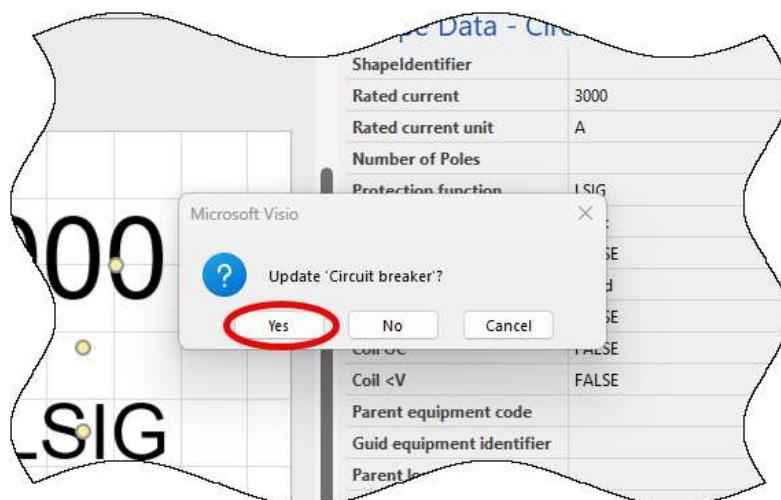
Modify the Value 2500 by 3000.



The value is modified.

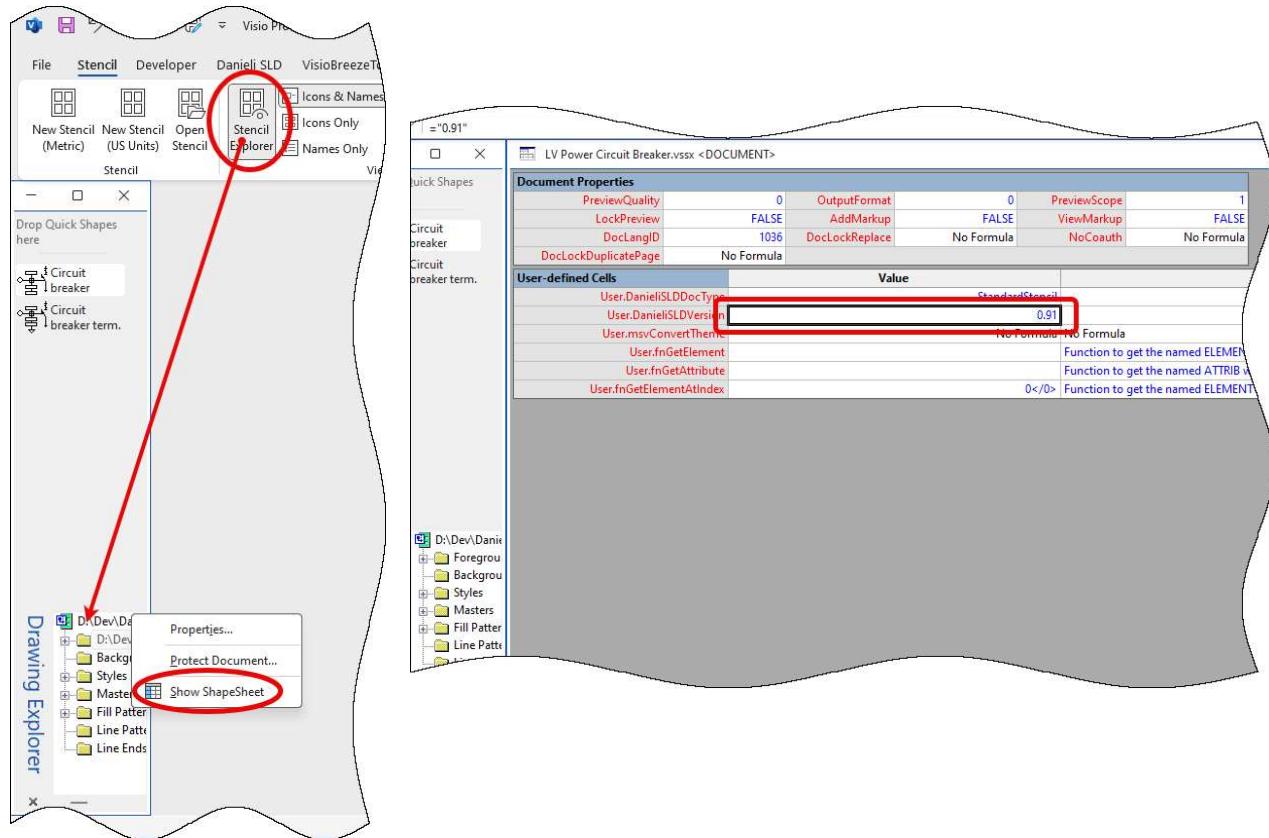


Close the Window of the Master Shape and save the changes.

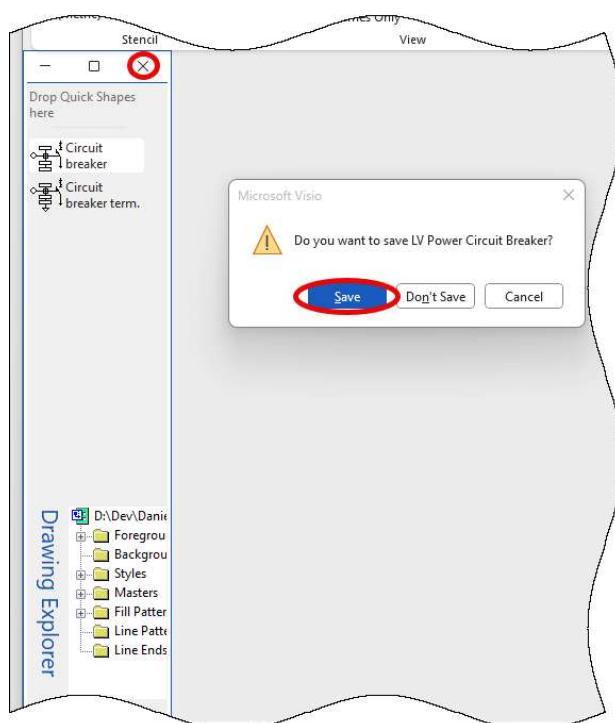


Now you need to update the version of the stencil for life cycle management of the stencil. Open the “Stencil Explorer”, right click on the root of the explorer and select “Show Shape Sheet” command.

The Shape Sheet is displayed. Increment the version to “0.92” in this case”.



Close all the Windows and save the changes.



4.2. Customizing dialog box labels

The label of the dialog box used for updating the characteristics of the Shape comes from the “Shape Data” label of the “Master Shape”.

You can thus modify the label of the Master Shape to reflect your needs.

Warning: the modification must be made by a power user that knows how it can be done. Other modifications than modifying the label are not supported and can lead to application corruption.

4.3. Customizing Excel Template file

The Excel file creation is using a template “Template Excel Export.xlsx” that is located in a specific directory:

“C:\Program Files (x86)\ShareVisual\DanieliSLD\System”

You can modify the file as you like.

Warning: The existing column must not be deleted.

The row that you add could be overwriting if the number of elements in the drawing is greater than your row position.

4.4. Customizing Background

The background layout could be modified.

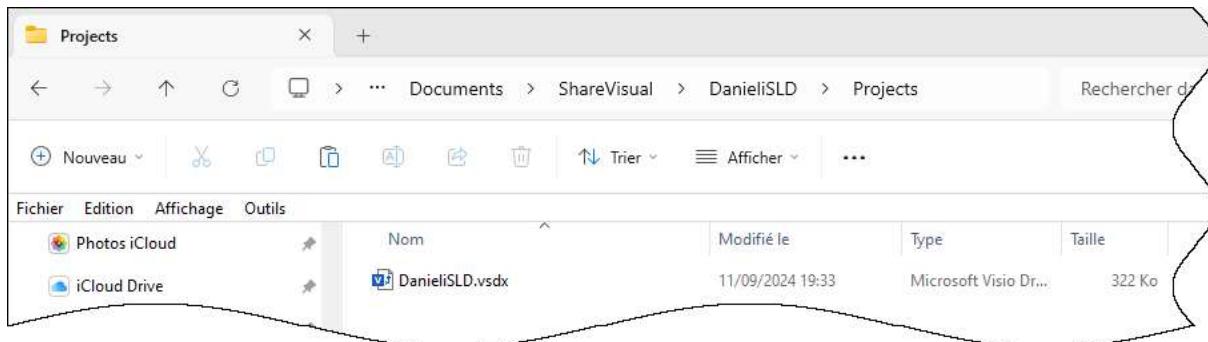
Warning: Don’t delete the existing Shape in the background as it is not supported.

5. UNDERSTANDING THE INSTALLATION

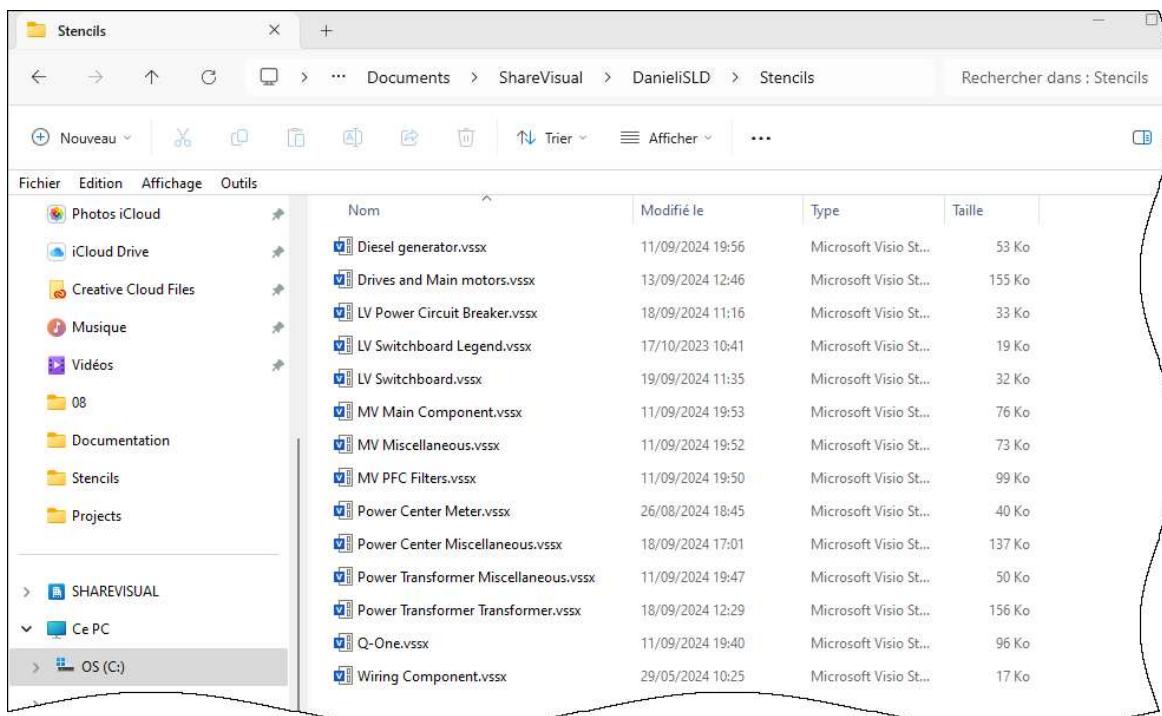
When the solution is installed, depending on the file there will be different destination directories.

All the files that can be modified by the end user are located in the User document directory:

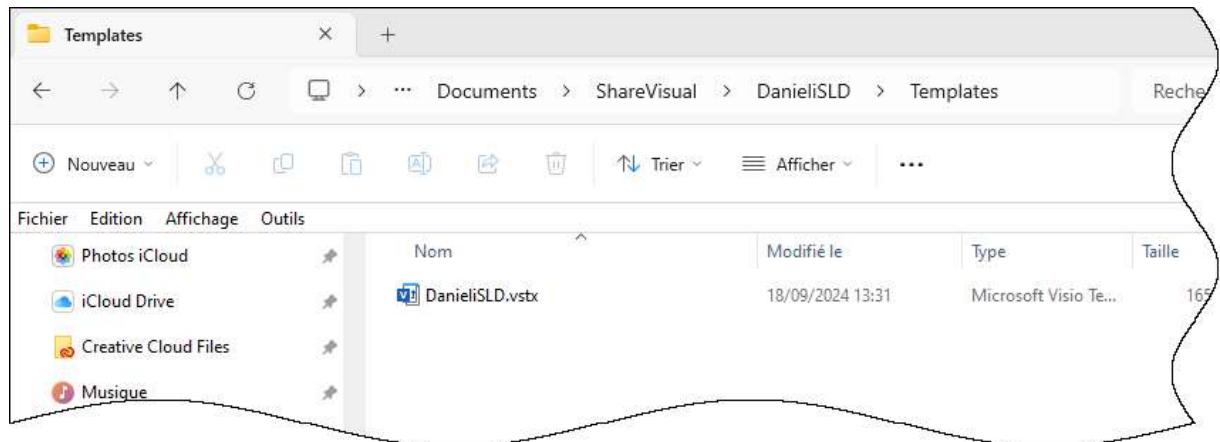
The projects



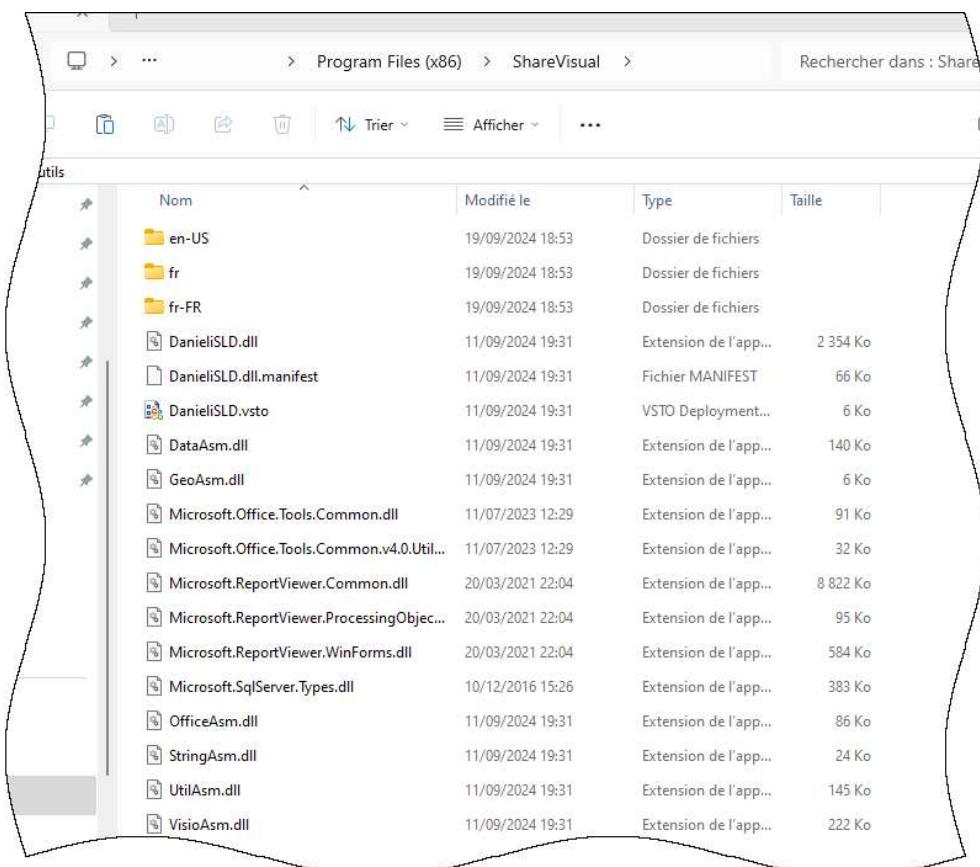
The stencils



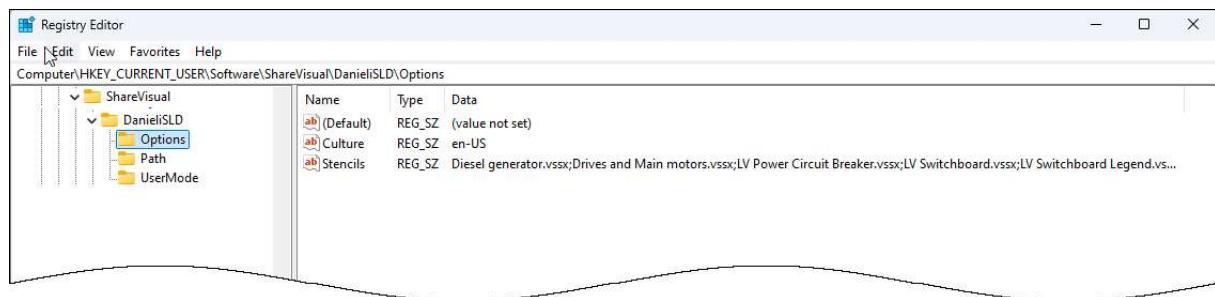
The templates



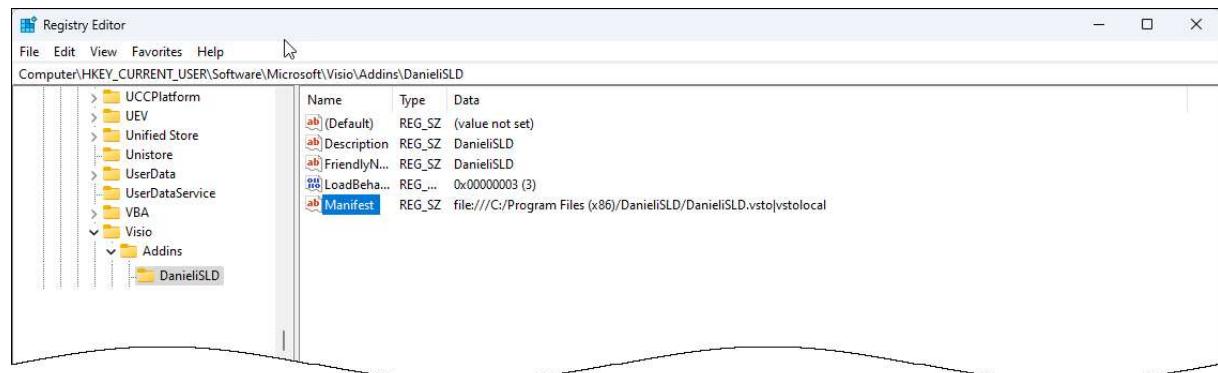
All the files that are used by the application itself are located in system protected directories.



Some application informations are stored in the Windows Registry.



For example, you can modify the list of the stencils that are automatically opened with the SLD Diagram.



You can also verify the place where the application program has been installed.

6. TROUBLESHOOTING THE INSTALLATION

If for any reason after installation the Danieli SLD menu does not appear in the file menu of Visio or if the Danieli SLD Tab does not appear in the Visio Ribbon, you try to correct the problem using the following procedure.

6.1. Registry value

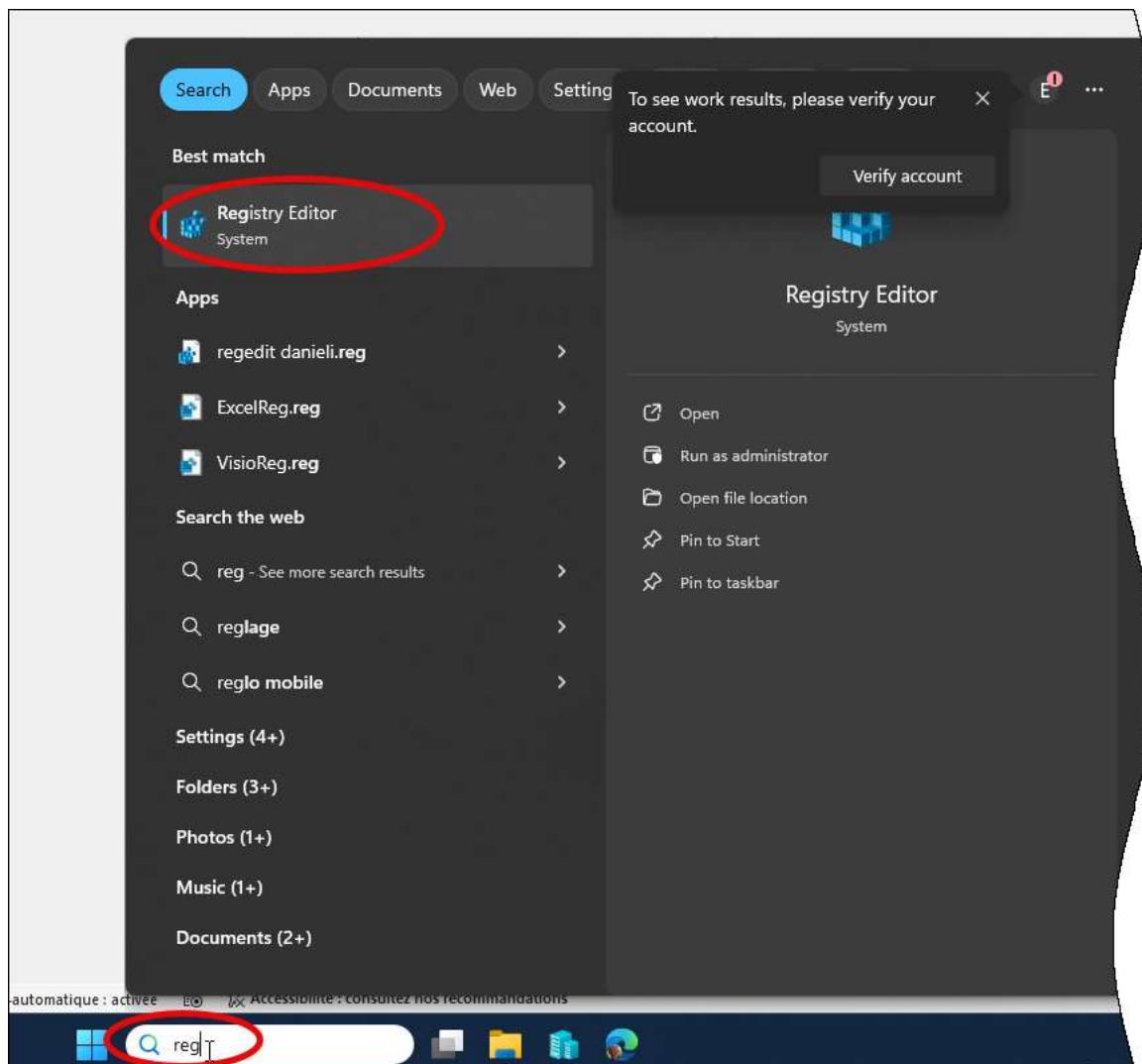
When the application is installed, usually the correct registry folders for the application to work are automatically created.

If they are not, be sure to have the application installed by an administrator that has the right to modify the registry.

If it was the case, you can create the appropriate value in the registry manually.

Launch the Registry Editor application:

In the search bar of windows, begin to type “Reg”, the registry editor shortcut will appear. Click on it.



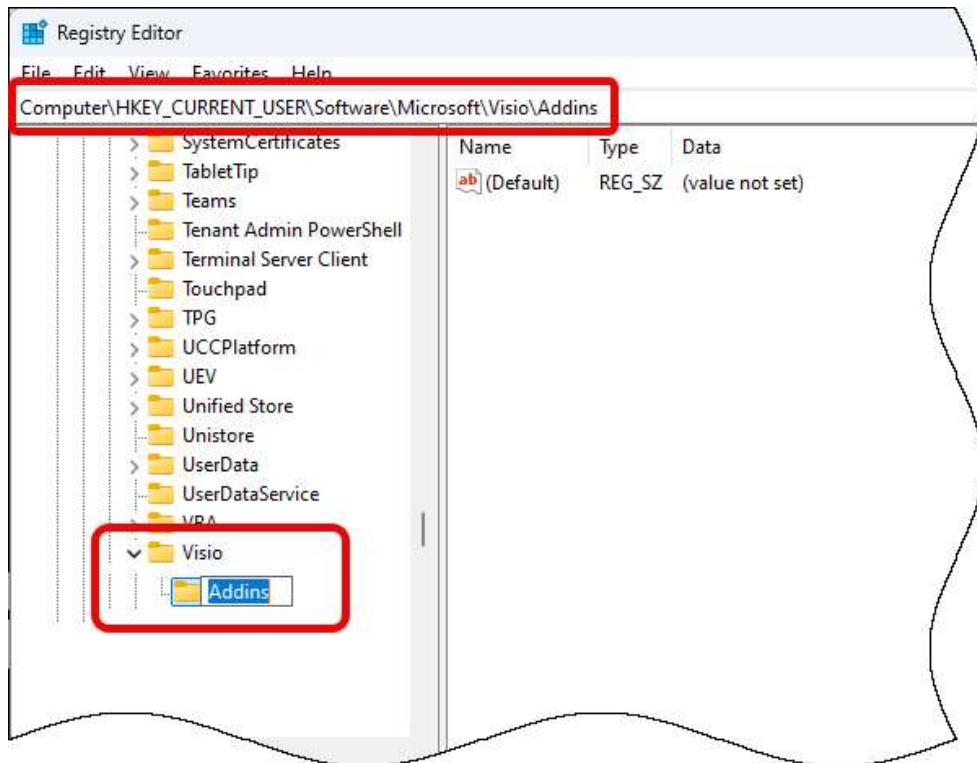
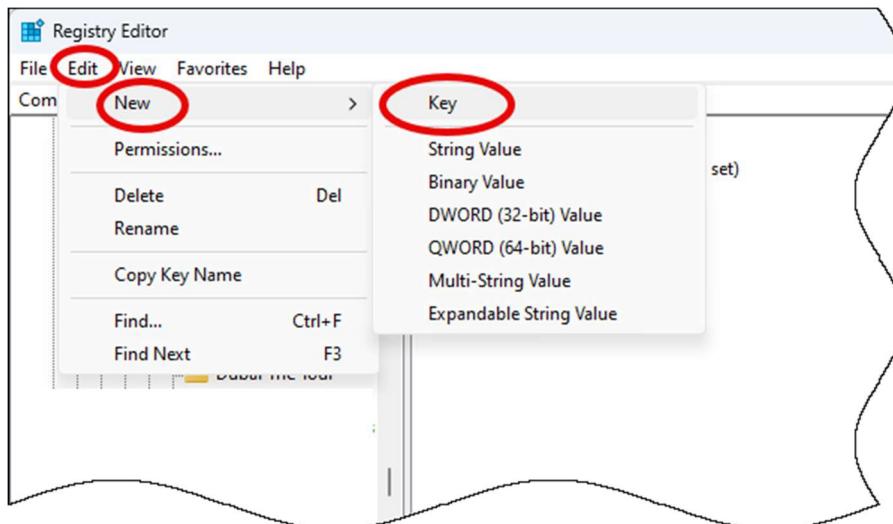
6.1.1. Microsoft Visio Add-ins

When Microsoft Visio is launched, it searches for the folder “Visio Addins”. So, you need to have the Addin declared here:

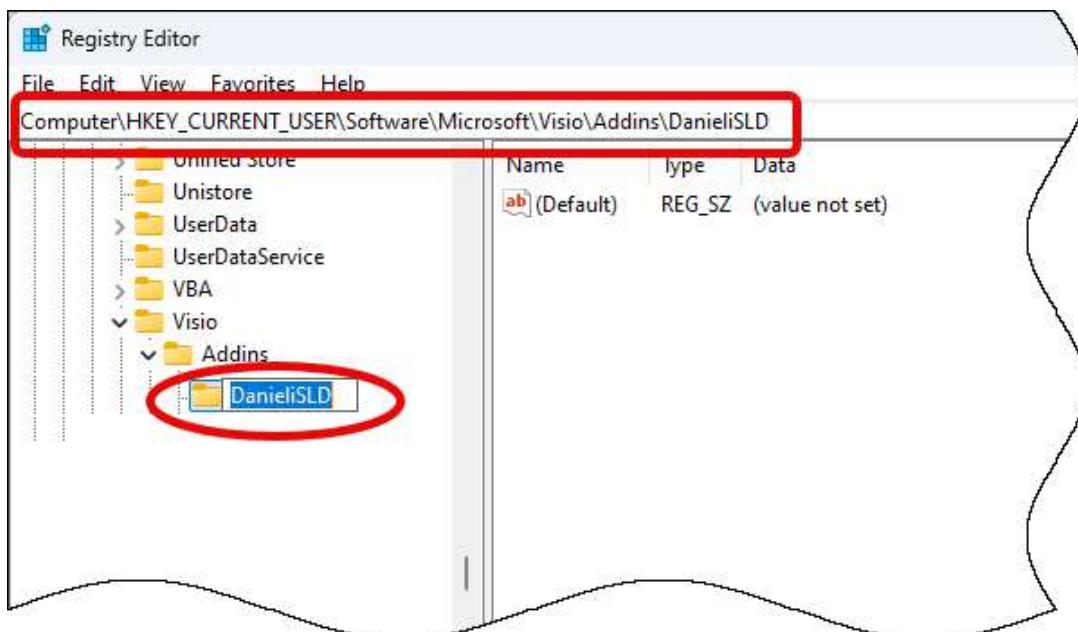
Computer\HKEY_CURRENT_USER\Software\Microsoft\Visio>Addins\DanieliSLD

If this registry folder is not present you can add it.

Select the “Computer\HKEY_CURRENT_USER\Software\Microsoft\Visio” folder and in the “Edit” menu, click “New=>Key” and type “Addins”.



Select the “Computer\HKEY_CURRENT_USER\Software\Microsoft\Visio>Addins” folder and in the “Edit” menu, click “New=>Key” and type “DanieliSLD”.

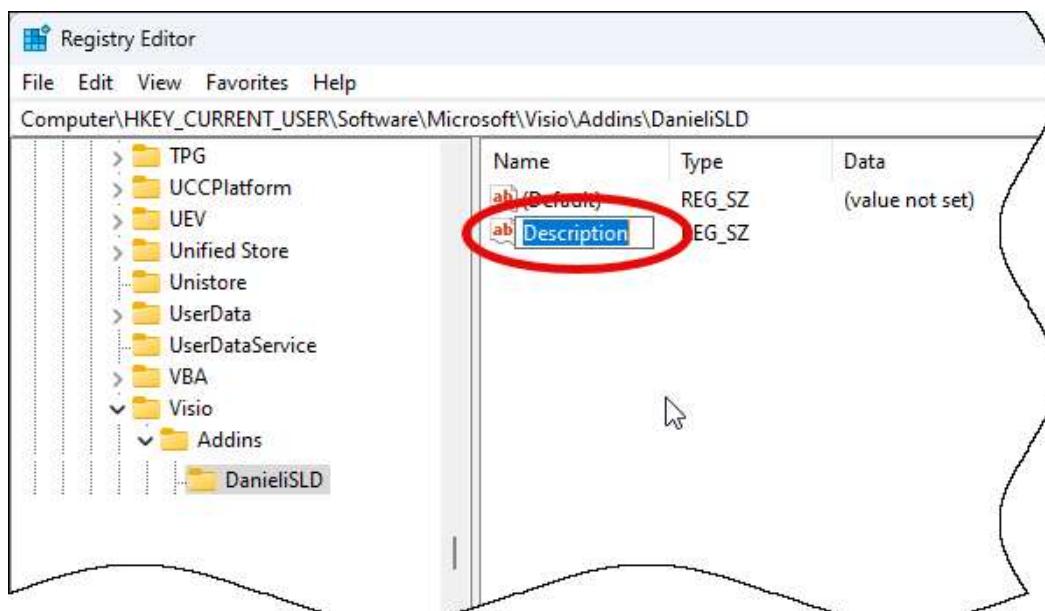


Now that the registry folder is created, we must create the appropriate keys for the DanieliSLD Addin.

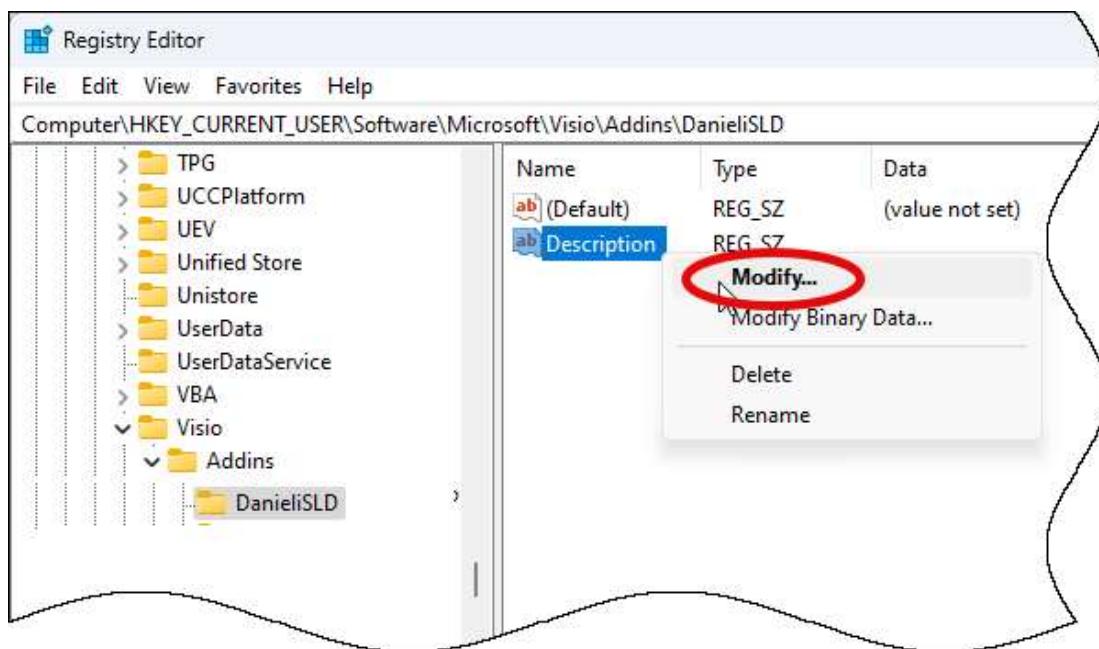
Select the DanieliSLD Addin folder:

Computer\HKEY_CURRENT_USER\Software\Microsoft\Visio\Addins\DanieliSLD

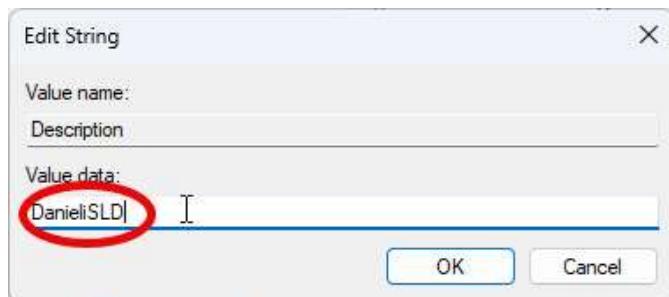
In the “Edit” menu, click “New=>String” and type “Description”.



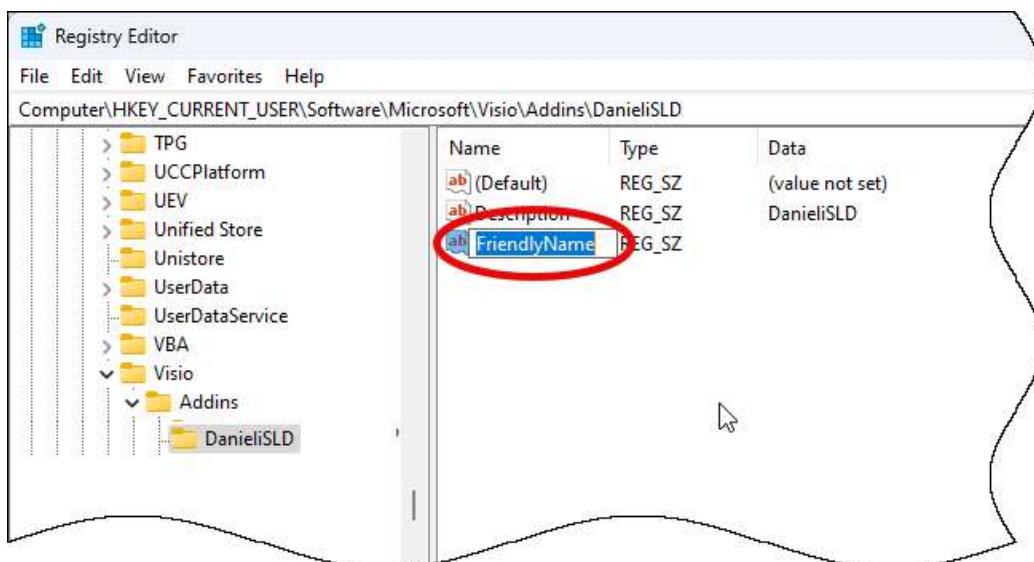
Right click on the newly created string and in the context menu choose the menu item “Modify...”.



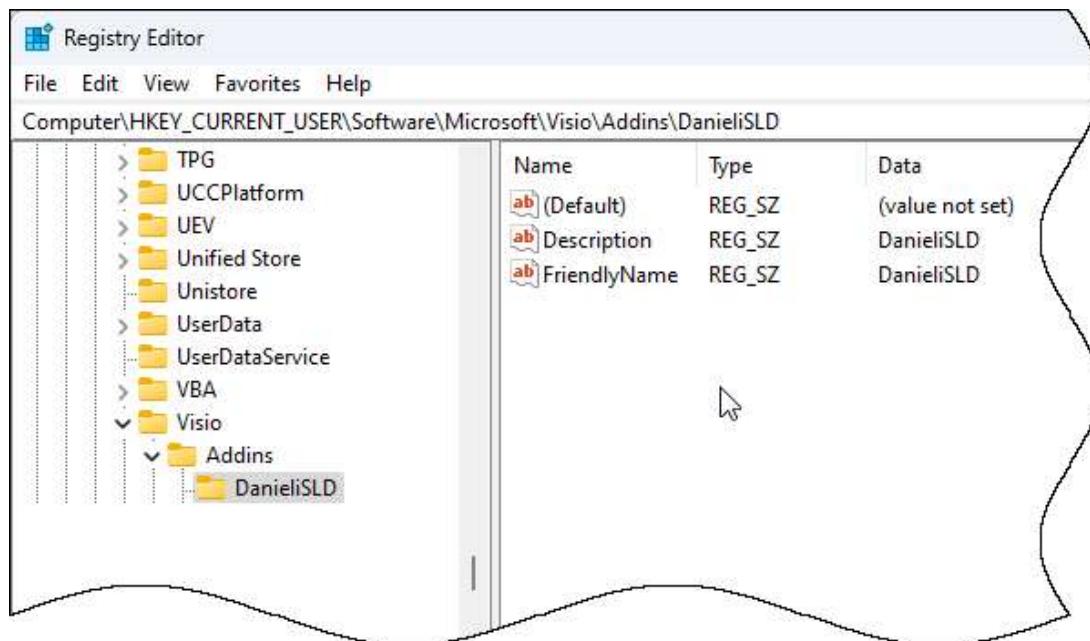
In the dialog box type the value data “DanieliSLD”.



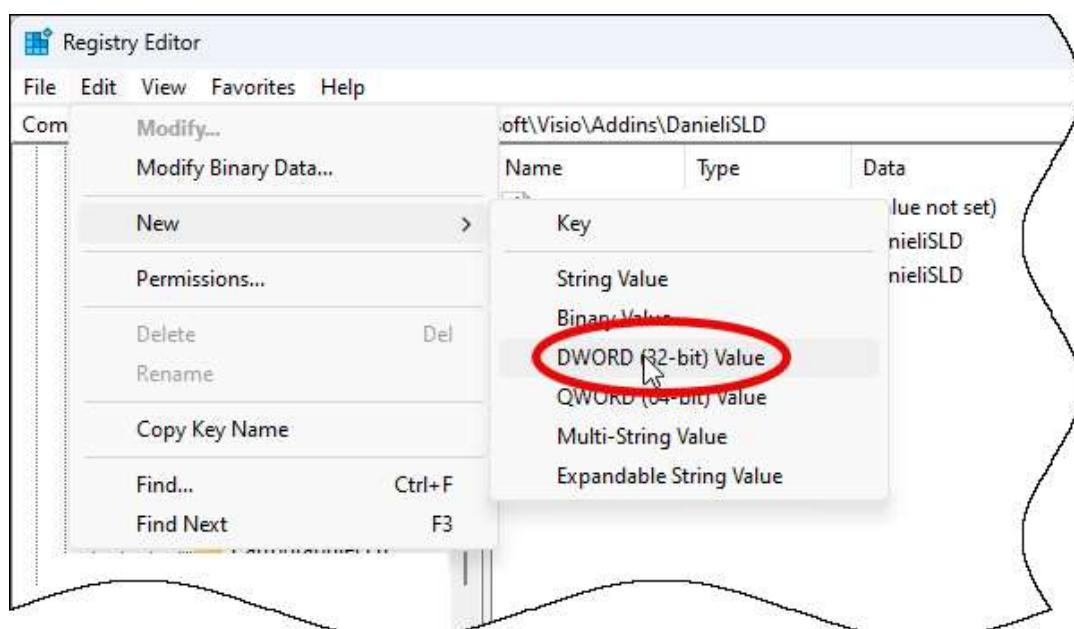
In the “Edit” menu, click “New=>String” and type “FriendlyName”.



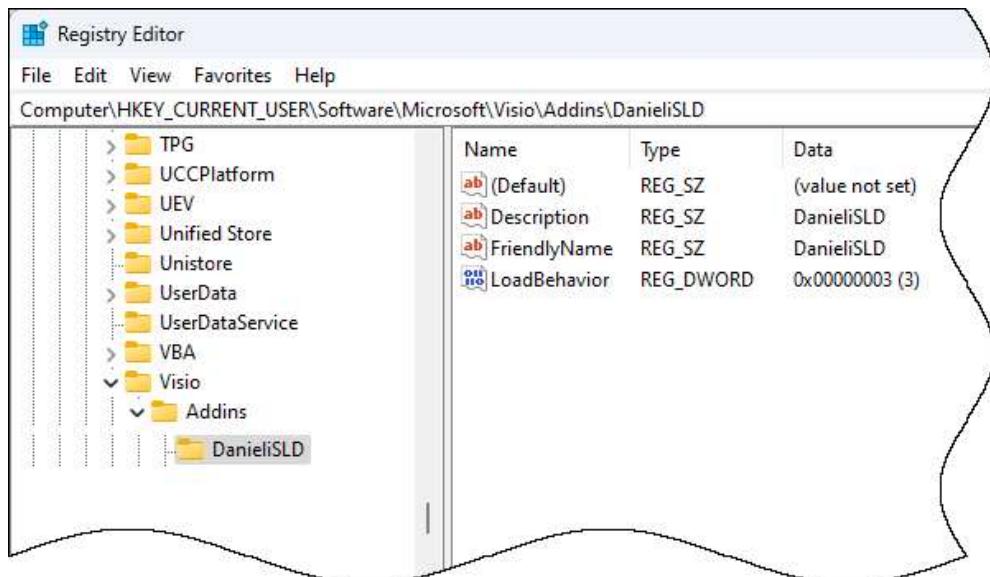
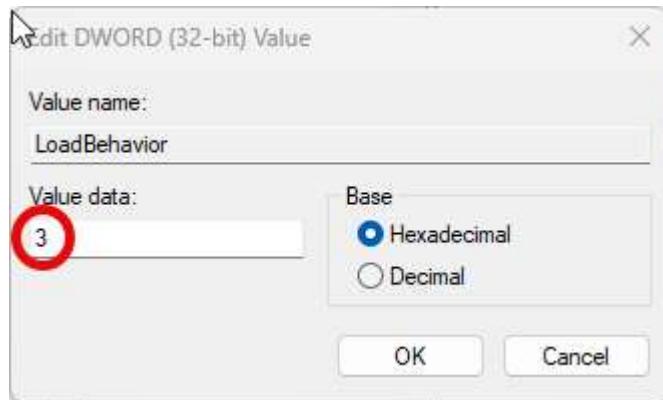
Right click on the newly created string and in the context menu choose the menu item “Modify...” and in the dialog box type the value data “DanieliSLD”.



In the “Edit” menu, click “New=>DWORD” and type “LoadBehavior”.



Right click on the newly created DWORD and in the context menu choose the menu item “Modify...” and in the dialog box type the value data “3”.



In the “Edit” menu, click “New=>String” and type “Manifest”.

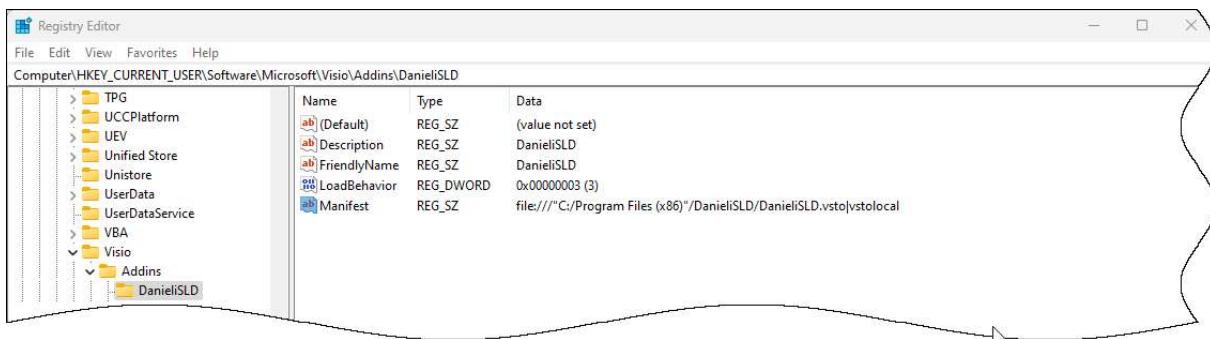
Right click on the newly created string and in the context menu choose the menu item “Modify...” and in the dialog box type the value data:

“file:///C:/Program Files (x86)/ShareVisual/DanieliSLD/DanieliSLD.vsto|vstolocal”.

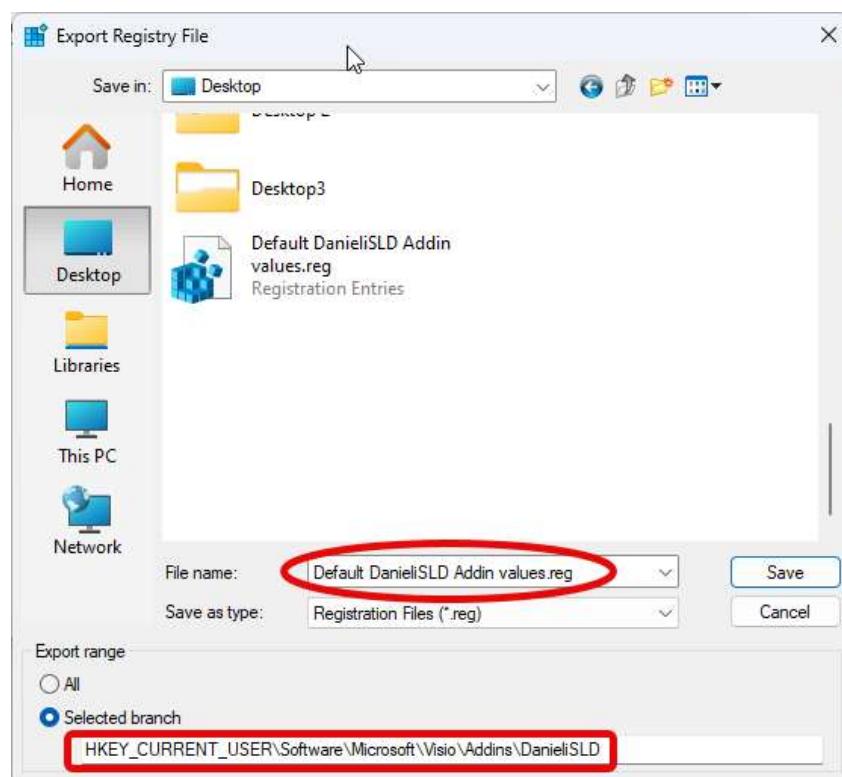
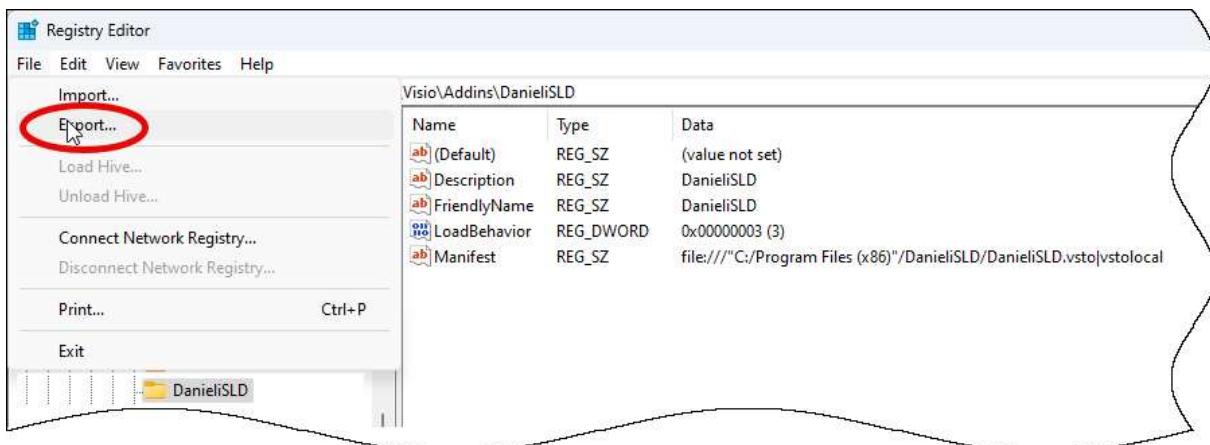
Note:

This assumes that you have installed the application in the default folder "C:\Program Files (x86)".

Now the Addin “Danieli SLD” is ready to work.



You can export the value of this Addin registry for future use:



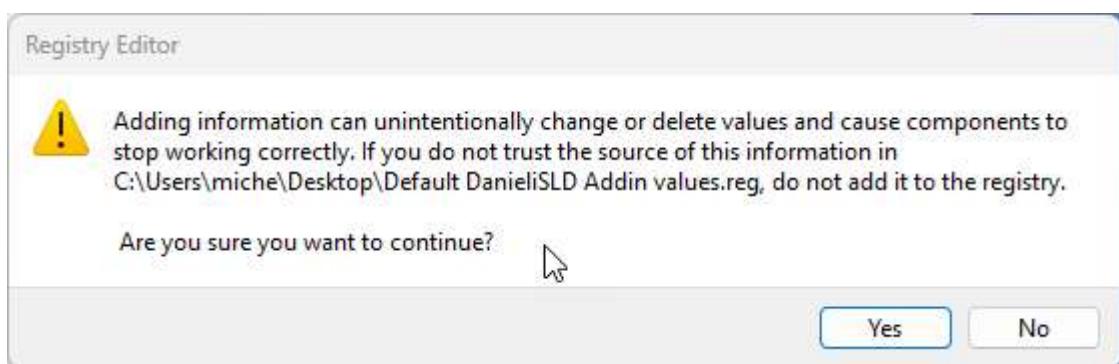
The text file “Default DanieliSLD Addin values.reg” is created.

The content of the file created is:

```
Windows Registry Editor Version 5.00
```

```
[HKEY_CURRENT_USER\Software\Microsoft\Visio>Addins\DanieliSLD]
"Description"="DanieliSLD"
"_FRIENDLYNAME"="DanieliSLD"
"LoadBehavior"=dword:00000003
"Manifest"="file:///C:/Program Files (x86)/ShareVisual/DanieliSLD/DanieliSLD.vsto|vstolocal"
```

To create the same registry folder and keys in another machine you only need to run this file by double clicking on it. A warning is displayed. Click “Yes” to proceed.

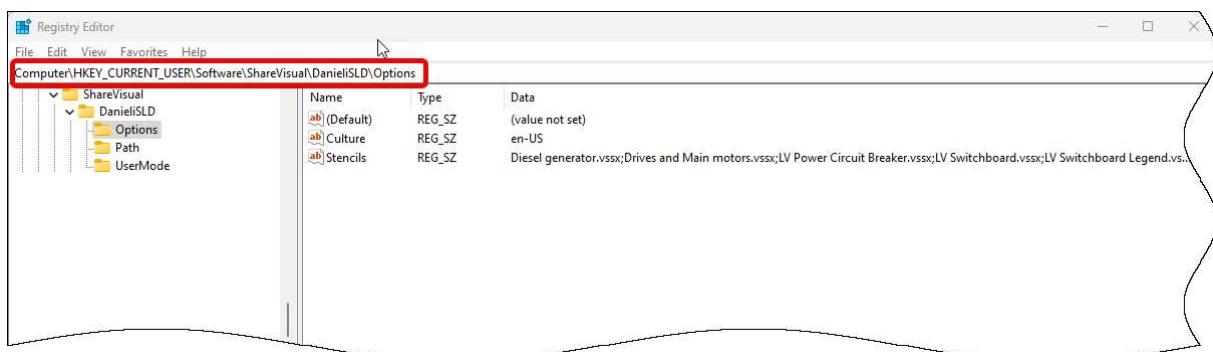


6.1.2. ShareVisual Danieli SLD settings

For automatic creation of the registry folder and keys for the application, you just need to launch Microsoft Visio.

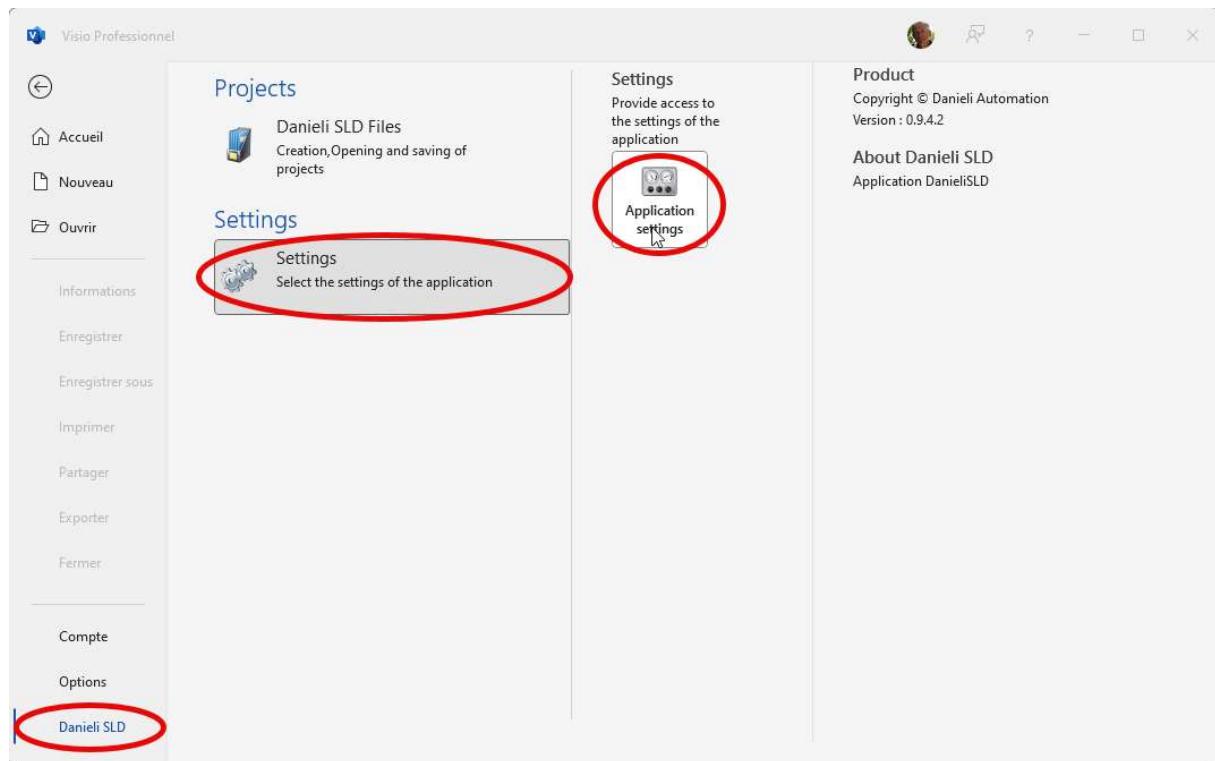
Microsoft Visio will recognize the Danieli SLD Addin declaration, and it will launch the Danieli SLD Application.

If the ShareVisual Danieli SLD settings are not present in the registry they will be created automatically with default values.

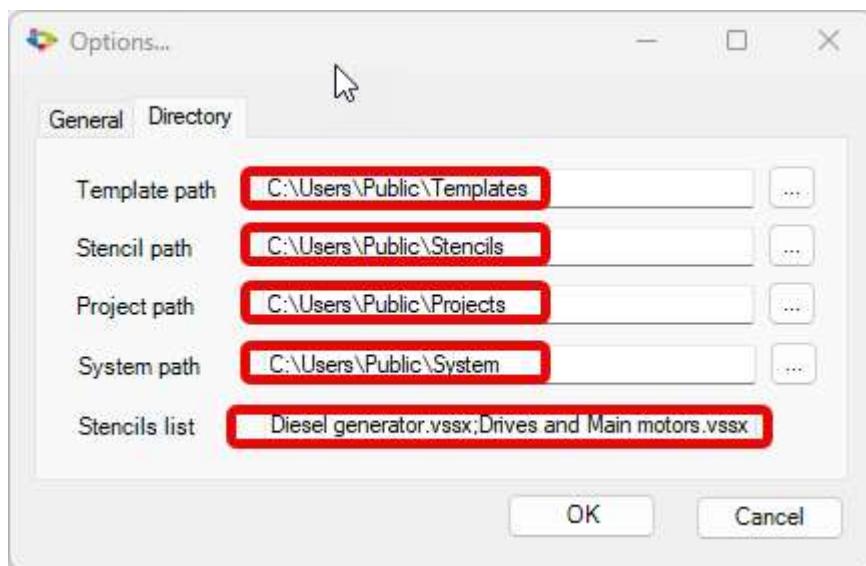


You can then verify in the Danieli SLD File menu the settings of the application to adjust them if needed.

Click the Application settings command.

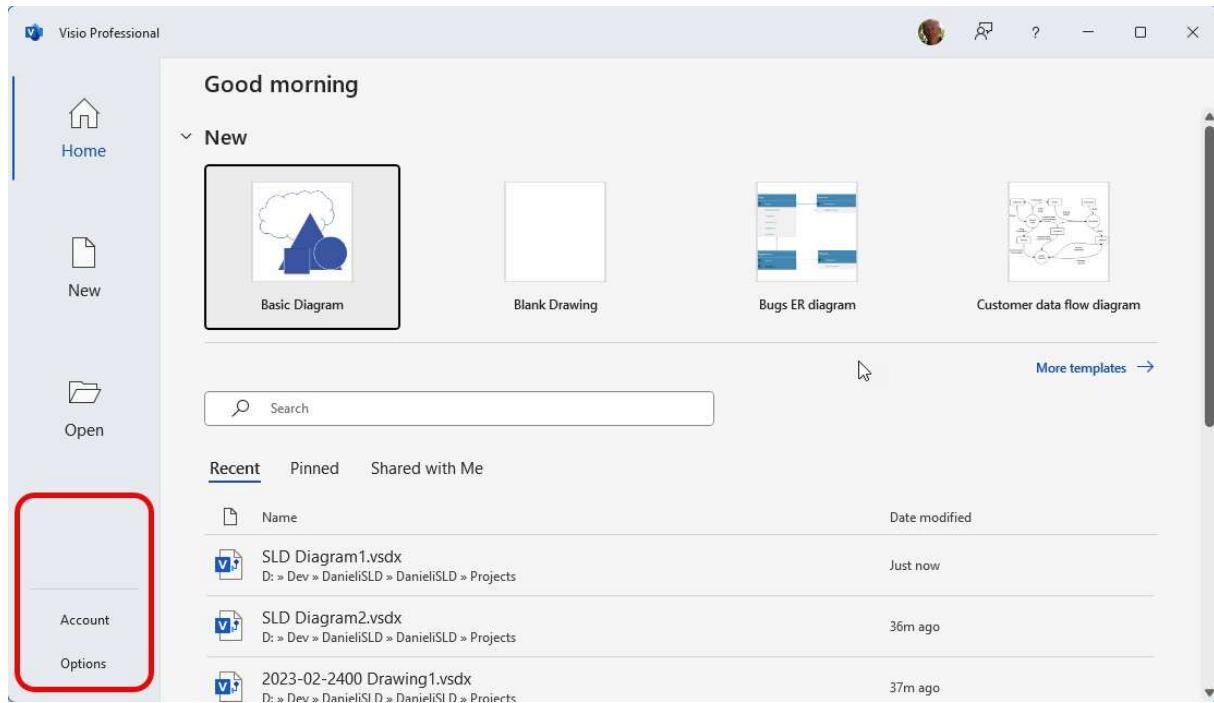


Adjust the setting values:



6.2. Settings Visio Display preferences

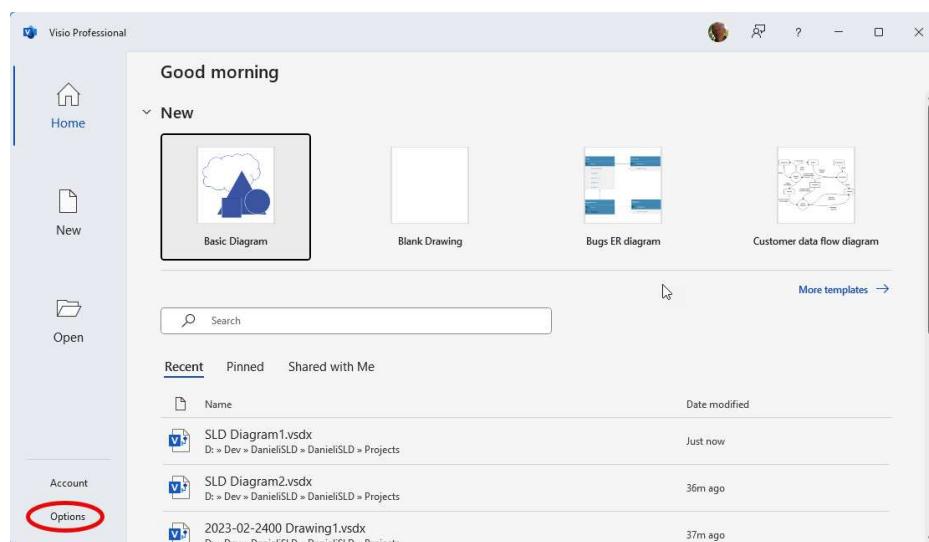
Sometimes when Visio is launched, even if the installation succeeds the “Danileli SLD” sub menu is not visible in the “File Menu”.

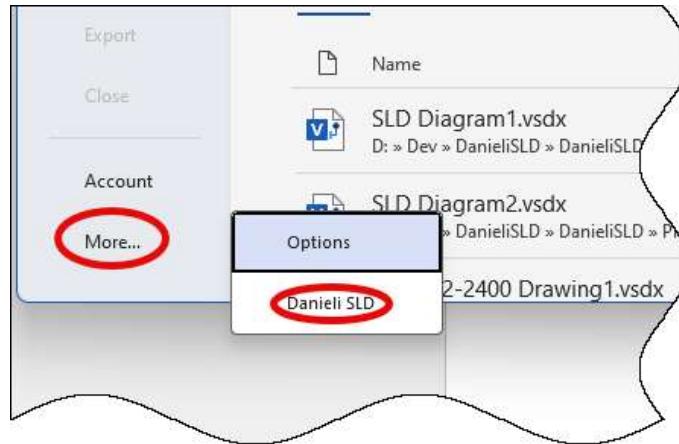


The reason why it could happen is because the setting “Show the start screen when this application starts” is checked.

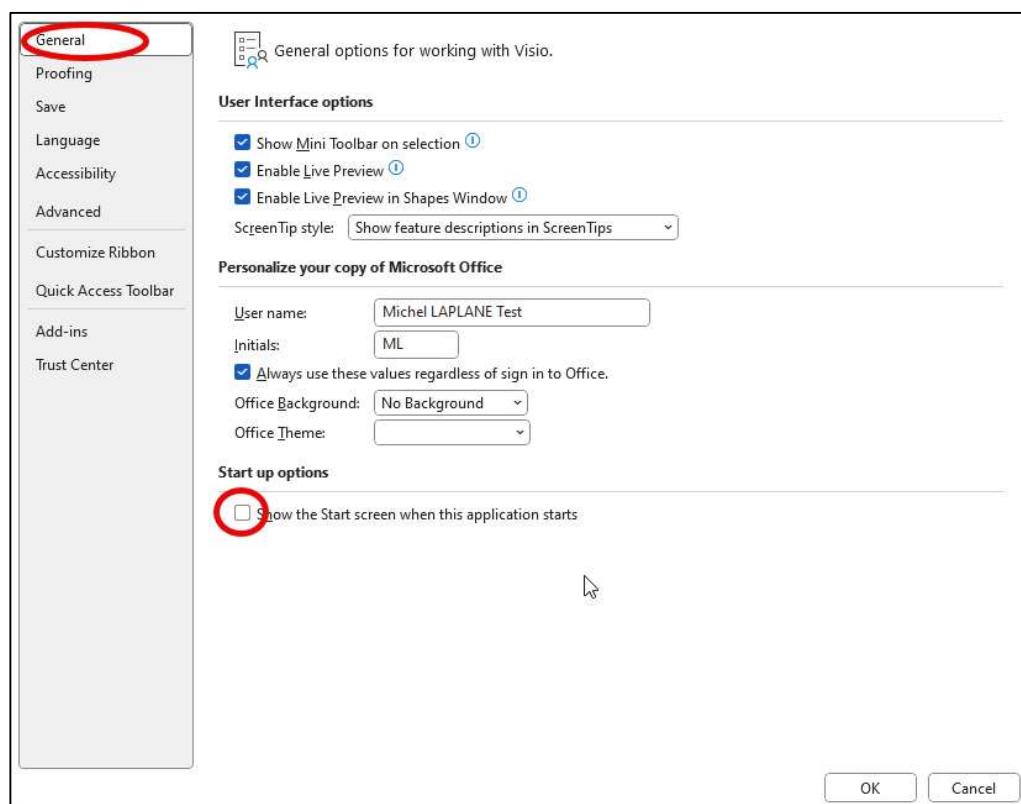
For correct that problem you have two solutions:

- Click on “Options” and leave immediately the “Options” dialog box. A “More...” command appears to let you see the “Danileli SLD” menu.





- Uncheck the Startup options in the “Options=>General” screen of the Options dialog box.



The “Danieli SLD” menu is now available.

