ormazabal
velatia

BIM COMPONENTS USER GUIDE
cpg.0_36kV IEC-REVIT 2022

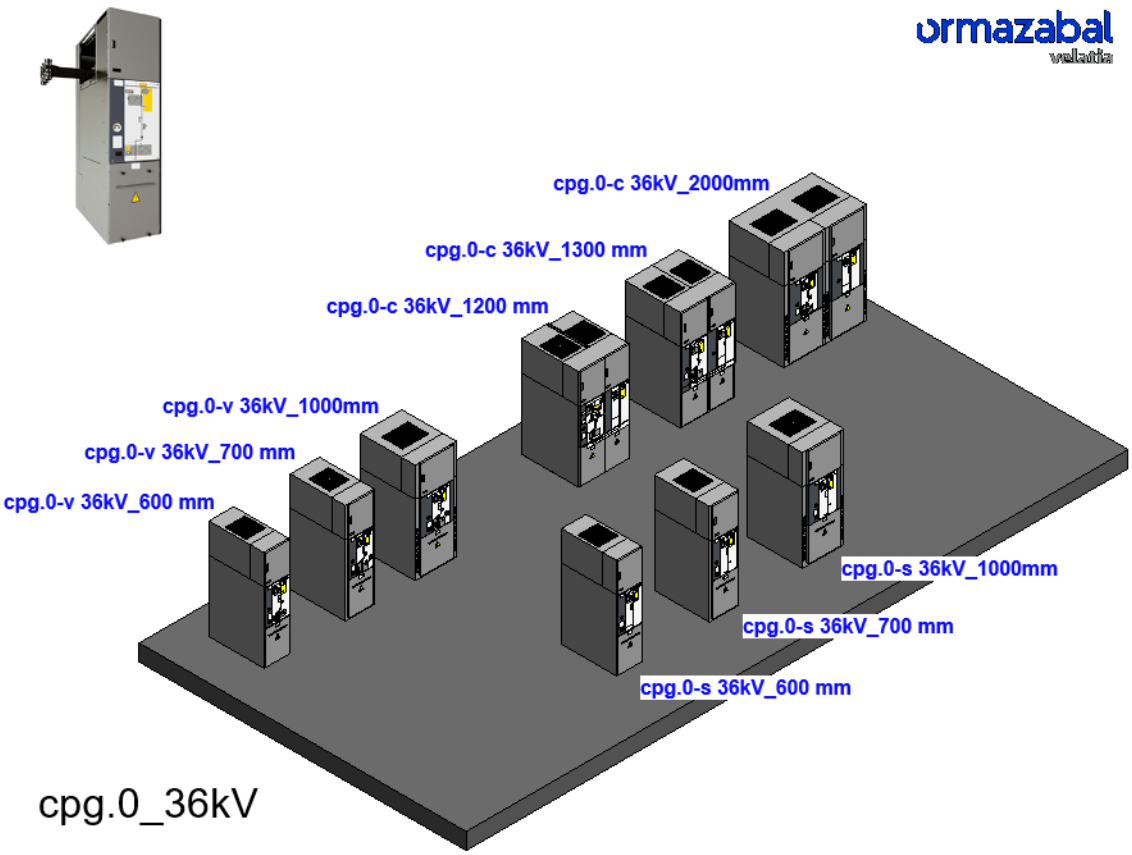
ORMAZABAL cpg.0_36kV IEC cubicles types

Subheading

Author / Department / Date

Introduction

Thank you for downloading the ORMAZABAL cubicle component. This user guide has been included to provide guidance on how to correctly use and make the most of the content. This document covers all the cubicle types that are available from ORMAZABAL cpg.0 36kV.



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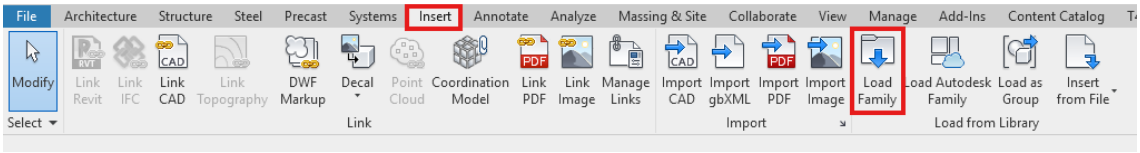
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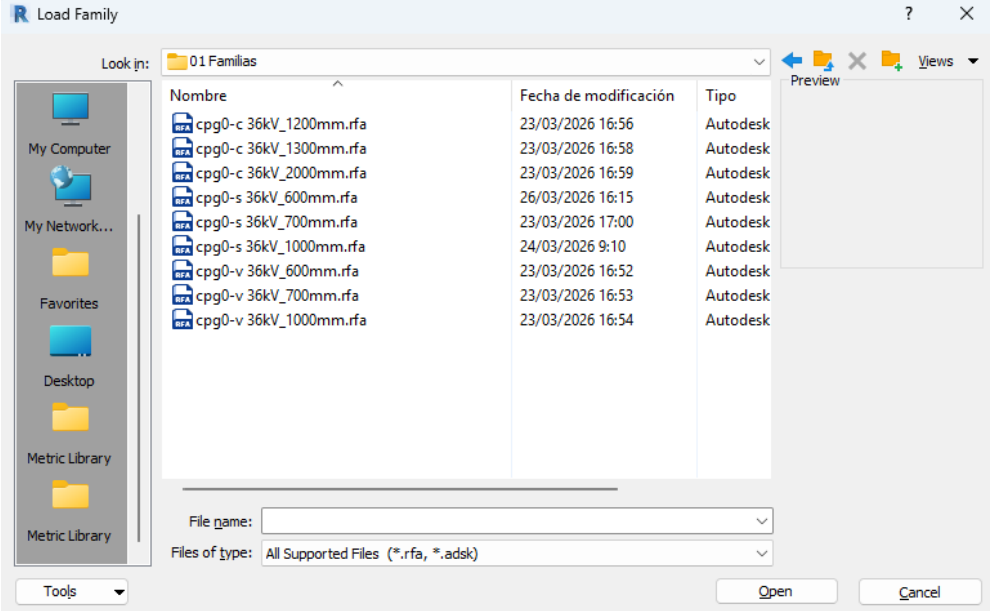
1. Placing the cubicles into the project

Please follow the below method to load the component into your Project.

1. Open the Revit file containing your "Project", and navigate to a floor plan view.
2. Navigate to the "Insert" tab on the main Revit ribbon and select "Load Family"

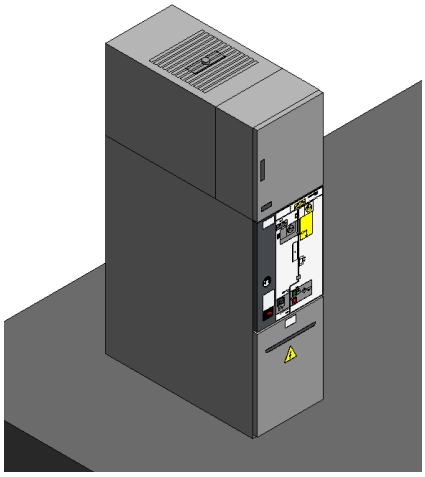


3. Navigate to the location of the shaved ORMAZABAL component that you have just downloaded in order to insert the family in *rfa format that you require.

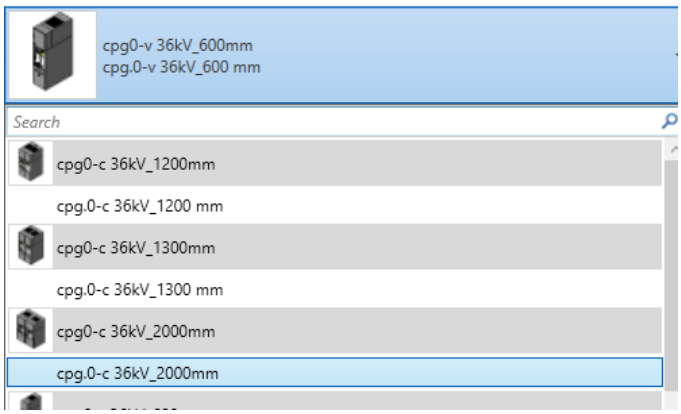


4. Click OPEN to load the component into your Project.

5. Now the cubicles are loaded into your Project, you can place them into your model. As the cubicles are created with a nested trench family that creates a void on floors, you will need to have a floor modeled prior to the insertion, as the image show:



6. With the “Electrical equipment” selected the cubicle types will appear in the “Properties” dialogue box. From the drop down at the head of this box you can see the component type selected and you can click to reveal the drop down and pick the required type.



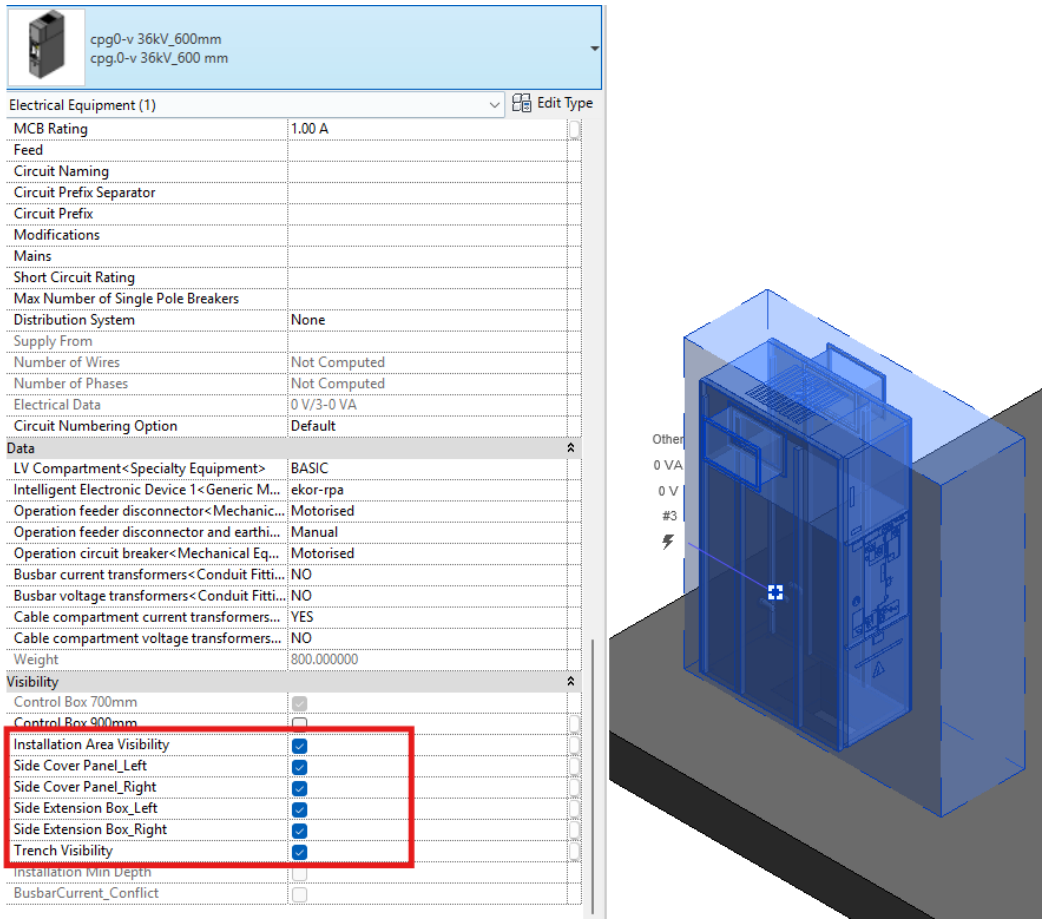
7. The cubicles is now part of the electrical system of the Revit project. There are various options available to the user to be able to modify the setting out and the positioning of the cubicle.

2. Manufacturer specific data

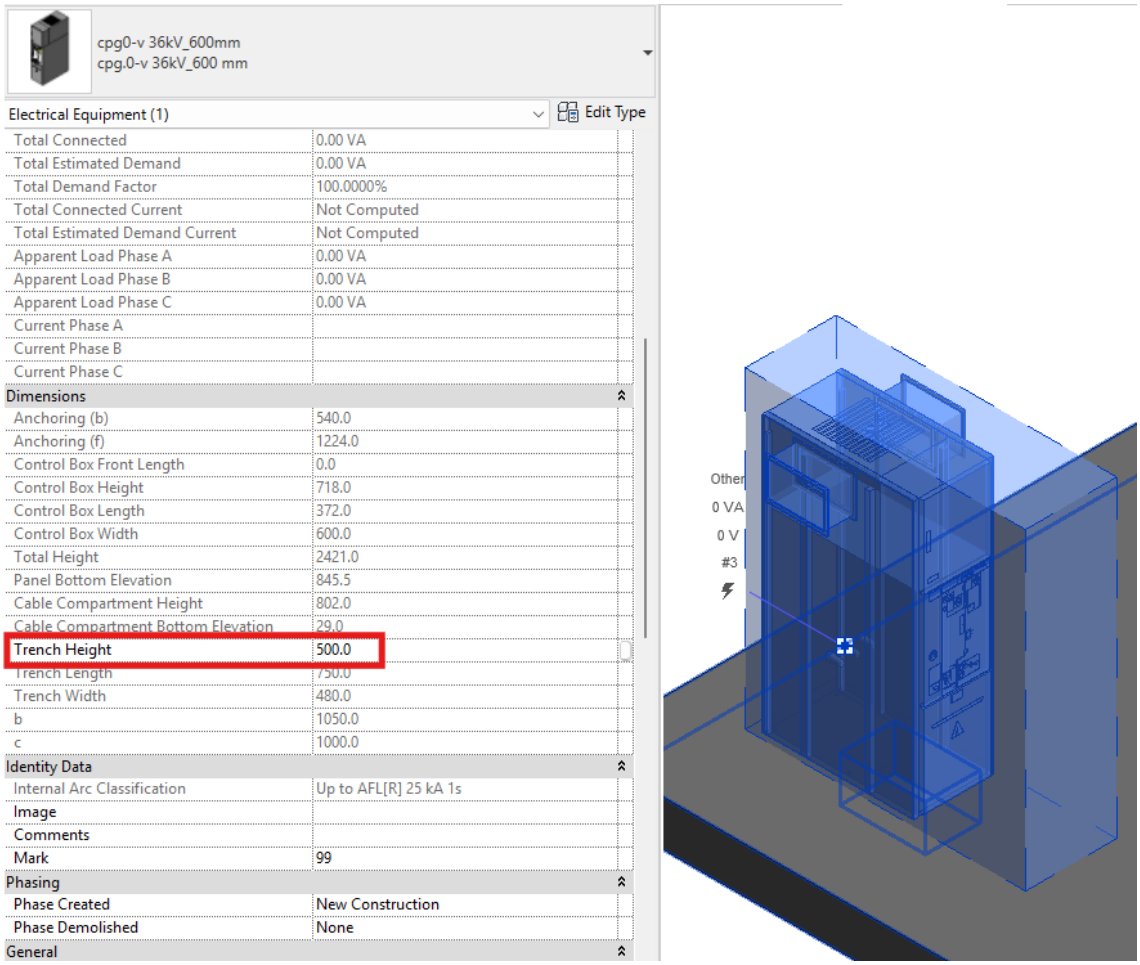
2.1. Installation Area & Trench.

The ORMAZABAL cubicles contain a number of technical and manufacturer specific data to assist the user when creating their project.

Once the cubicles are selected you will be able to enable the visibility of the installation area, side cover panel_left, side cover panel_right, side extension box_left, side extension box_right and trench, by clicking the instance box parameter on and off:



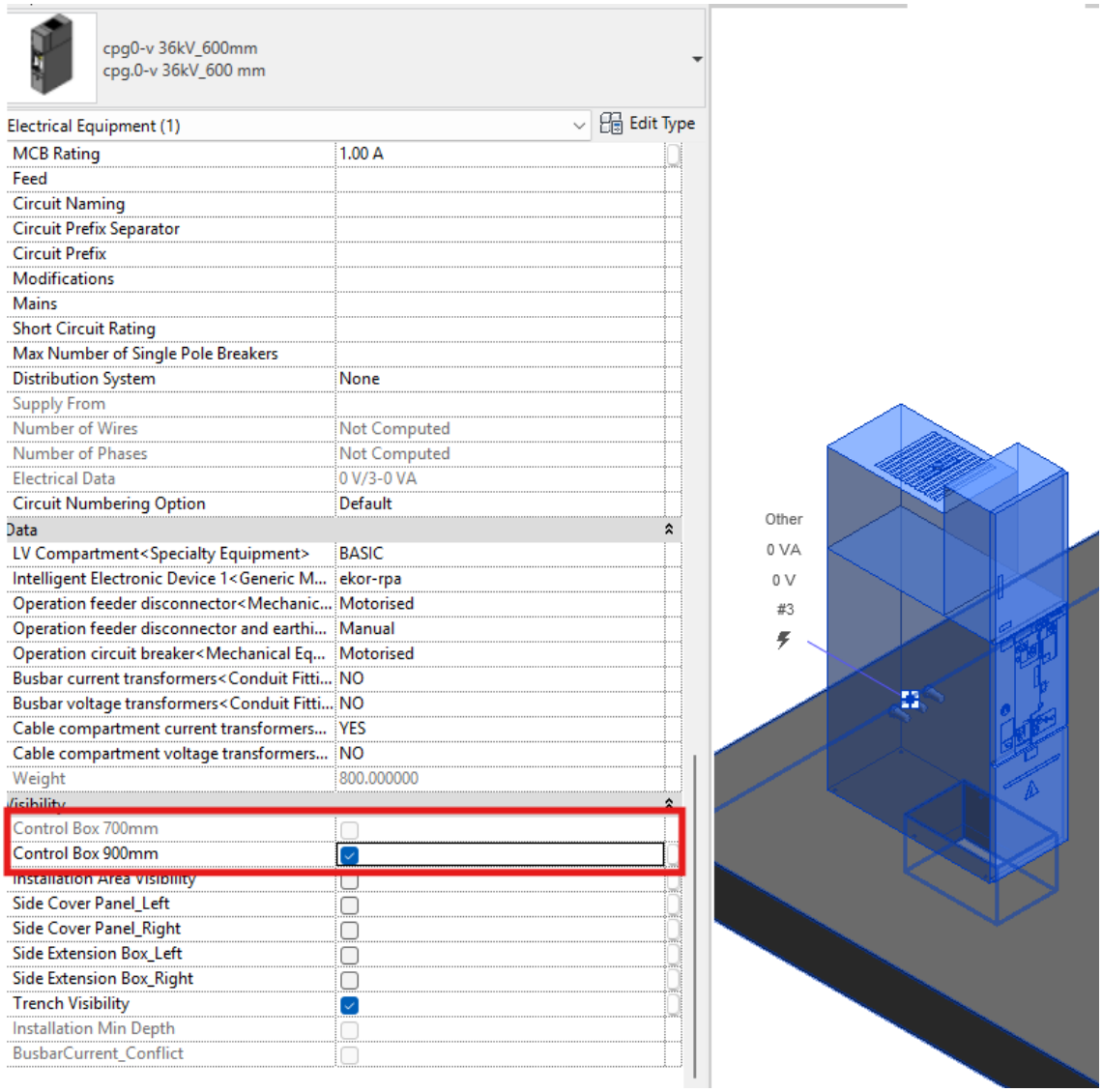
The installation area can be modified by the user to comply with the local or country regulations of the location (if applicable). It is mandatory to check them for a correct use of the families. In case of doubt, please consult Ormzabal Technical Department.



Taking into account that the height of the trench could be changed according to the section of the cables. For more information, please check the General instructions of the cubicles (IG-310).

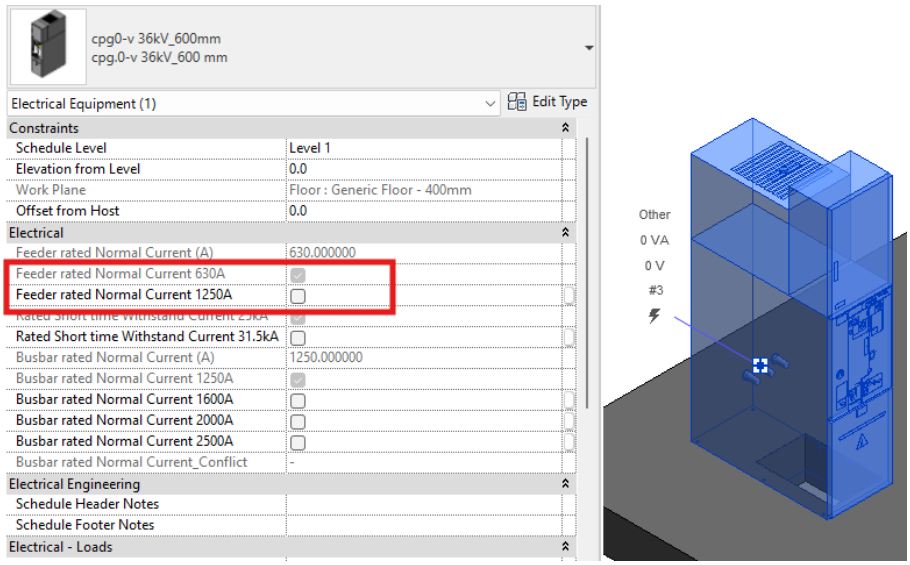
2.2. Control box.

You Will also be able to choose to enable the visibility of the control box type. By default, it is “700mm”. If you enable “900mm”, it will disable “700mm”.



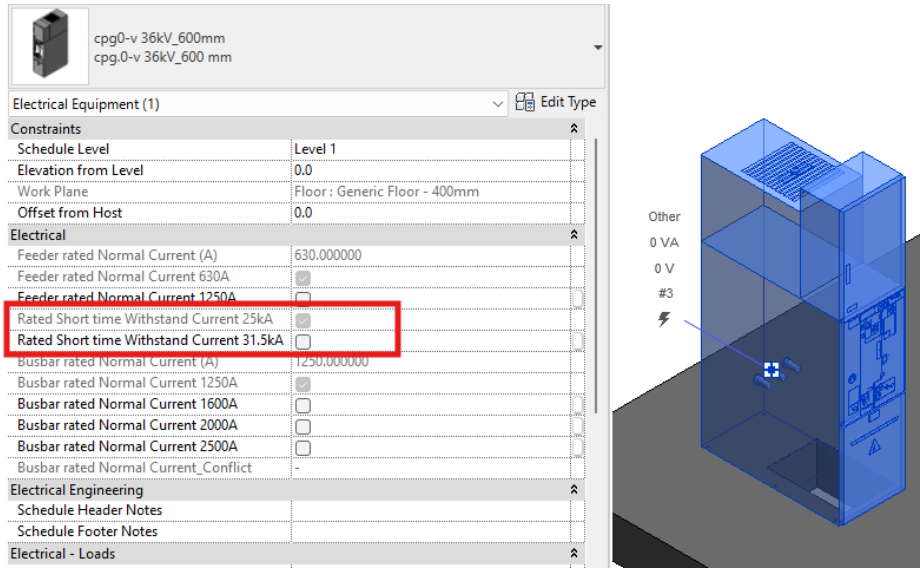
2.3. Feeder rated Normal Current (A).

In some elements, you will be able to choose between “Feeder rated normal current 630A”, “Feeder rated normal current 1250A”, “Feeder rated normal current 2000A”, or “Feeder rated normal current 2500A”; the available options will depend on the element. By default, one option is enabled, and if you select another option, the previously enabled one will be automatically disabled



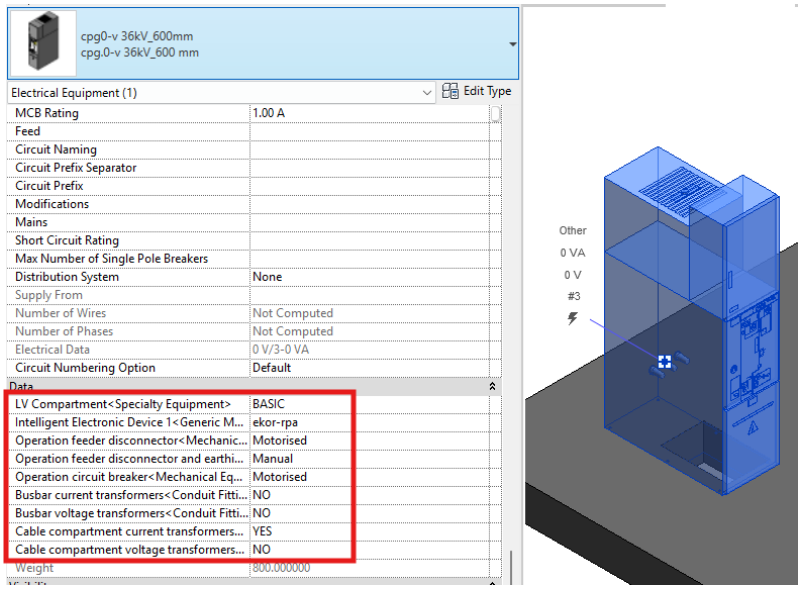
2.4. Rated Short-time Withstand Current (kA).

You will be able to choose between “Rated Short time Withstand Current 25kA” and “Rated Short time Withstand Current 31.5kA”. By default, “Rated Short time Withstand Current 25kA” is enabled, but if you enable “Rated Short time Withstand Current 31.5kA”, “Rated Short time Withstand Current 25kA” will be disabled automatically



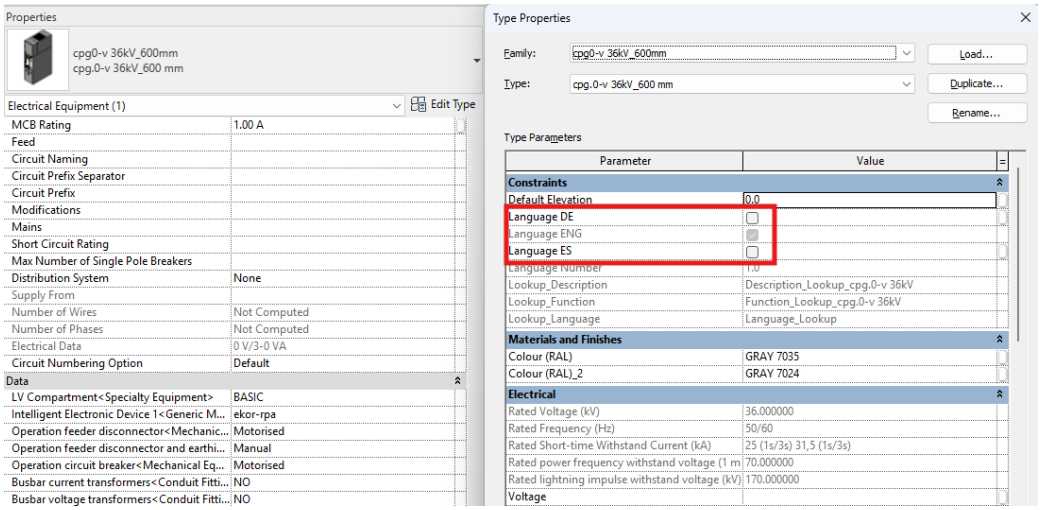
2.5. Other parameters.

Depending on the family some other features are available within the instance box parameters, such as optional accessories like “ekor.rpa” among others.



To access the date embedded into the cubicles, simply select the family and click the “Edit Type” button at the head of the “Properties” tab.

The default language is English (EN). If you select German (DE) or Spanish (ES), “EN” will be disabled. Do not enable “ES” and “DE” at the same time.



NOTES:

You can add the ORMAZABAL components to your company template file, this will mean they are available without loading when starting a new project.

ORMAZABAL shall not be responsible for the incorrect use of the families. In case of doubts, please check the General instructions of the cubicles (IG-310) or consult Ormazabal Technical department

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Technology for a new electric world

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