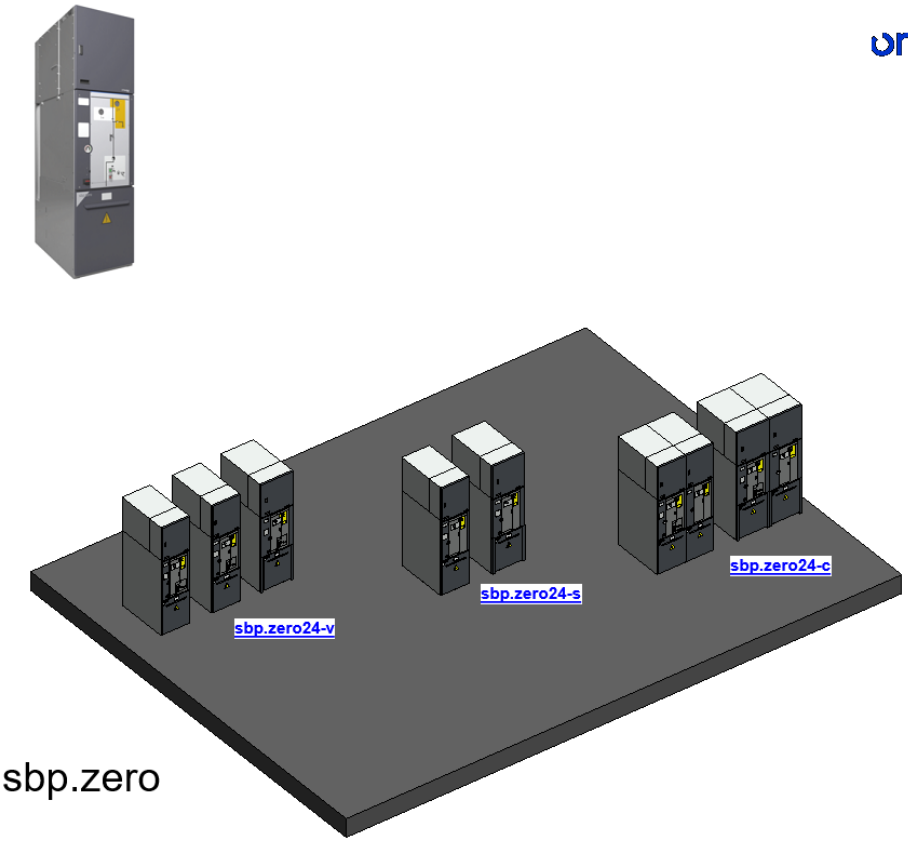
ormazabal
velatia

BIM COMPONENTS USER GUIDE
sbp.zero24 IEC-REVIT 2022

ORMAZABAL sbp.zero24 IEC switchgear types

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 switchgear types that are available from ORMAZABAL sbp.zero24.



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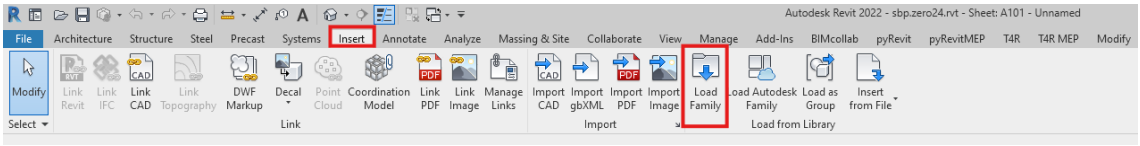
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1. Placing the switchgear into the project

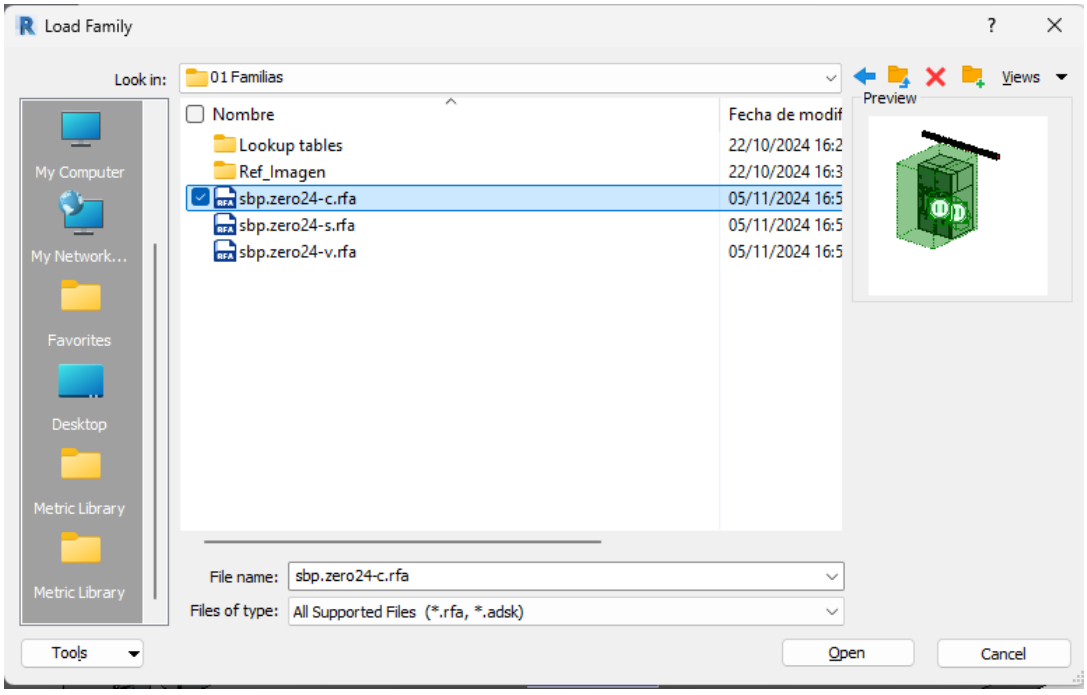
Please follow the below method to load the component into your Project.

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"

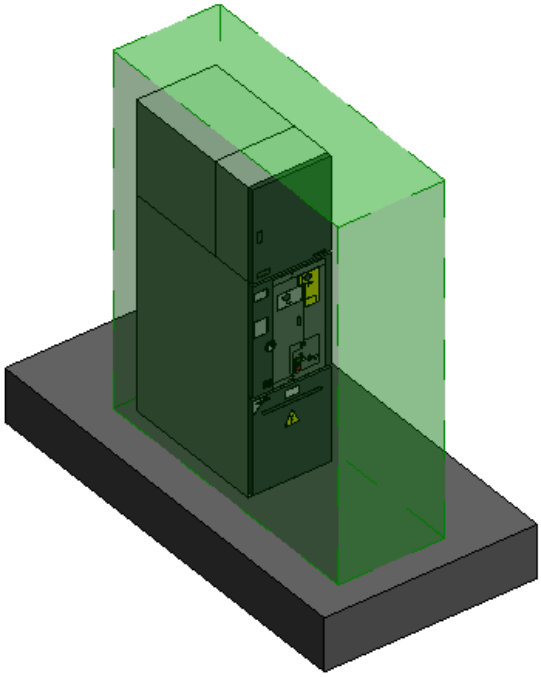


3. Navigate to the location of the shaved ORMAZABAL component that you have just downloaded in order to insert the family in *rfa format that you require.

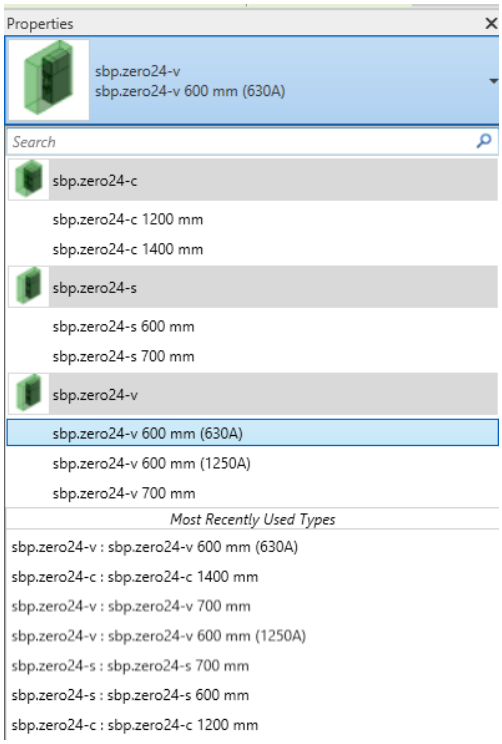
4. Click OPEN to load the component into your Project.



5. Now the switchgear are loaded into your Project, you can place them into your model. As the switchgear 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 switchgear 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.



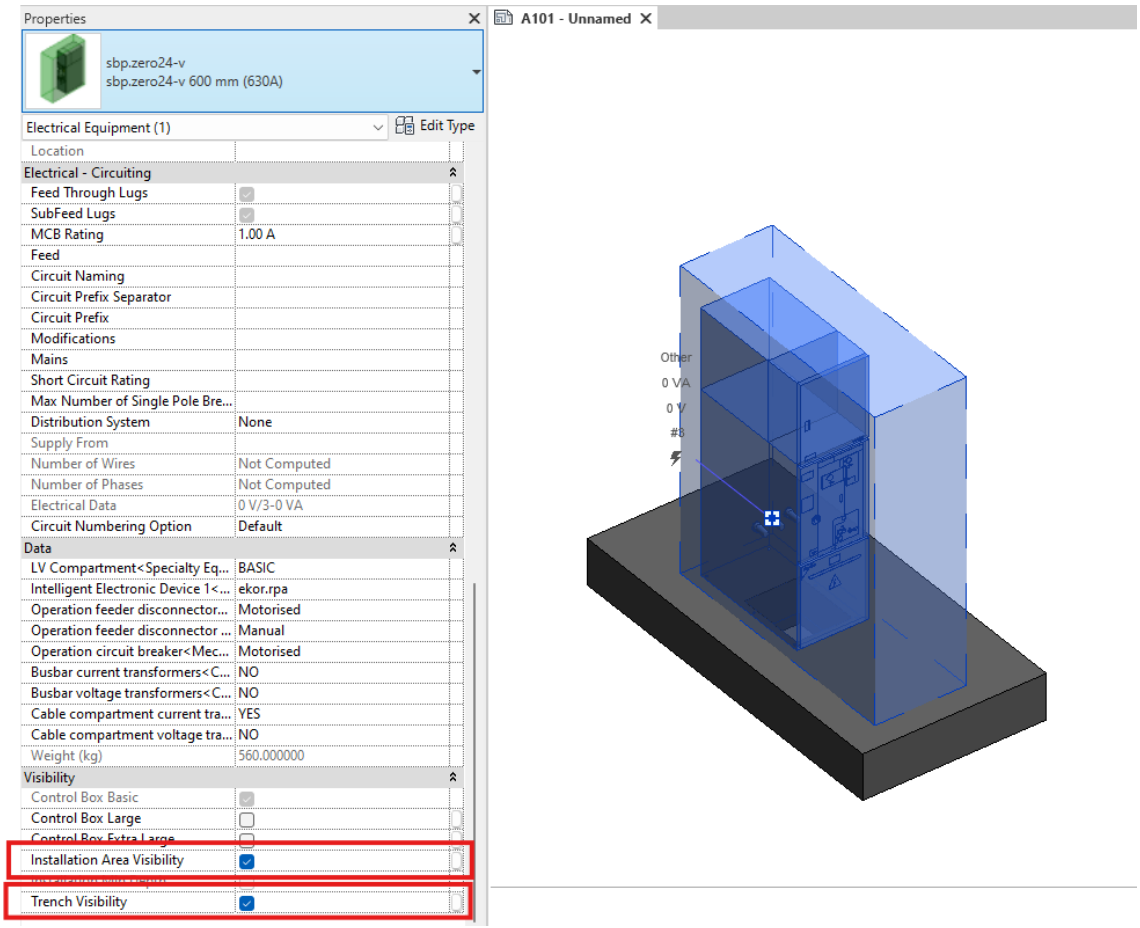
7. The switchgear is now part of the electrical system of the Revit project. There are various options available to the user to be able to modify the setting out and the positioning of the switchgear.

2. Manufacturer specific data

2.1. Installation Area & Trench.

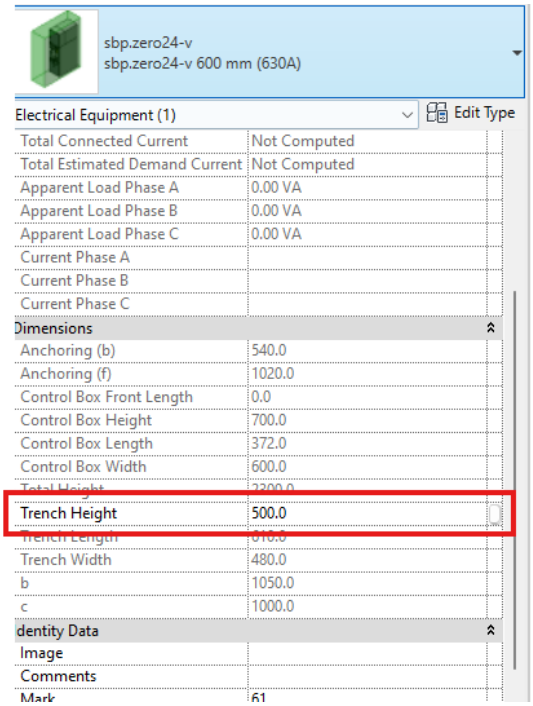
The ORMAZABAL switchgear contain a number of technical and manufacturer specific data to assist the user when creating their project.

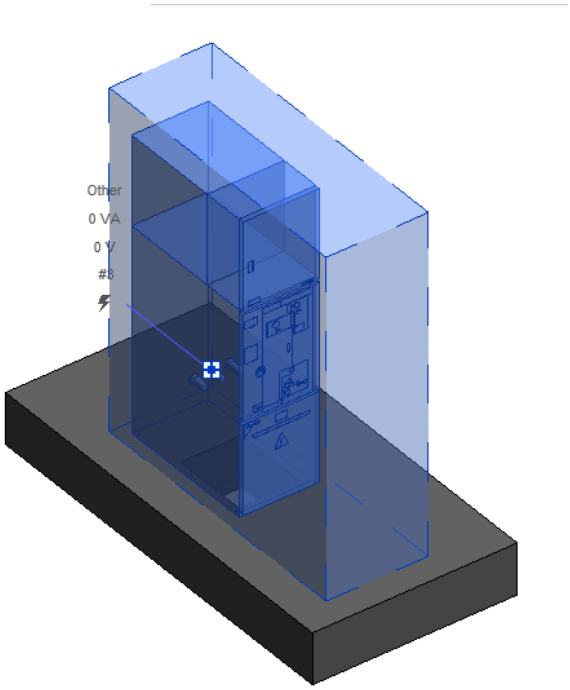
Once the cubicles are selected you will be able to enable the visibility of the installation area and trench, by clicking the instance box parameter on and off:



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 Ormazabal Technical Department.

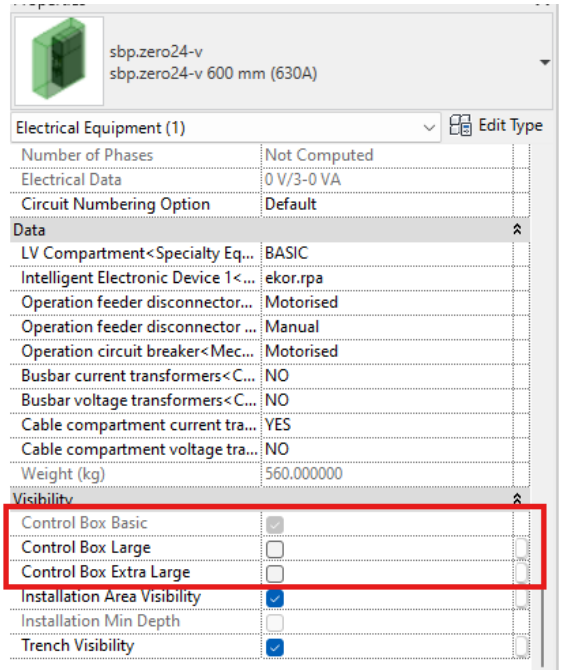
Taking into account that the height of the trench could be changed according to the section of the cables. For more information, please check the General instructions of the switchgear.

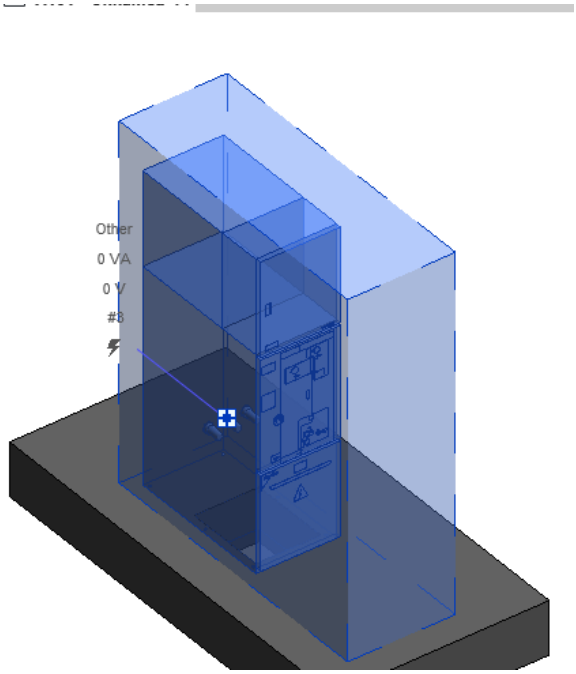




2.2. Control box.

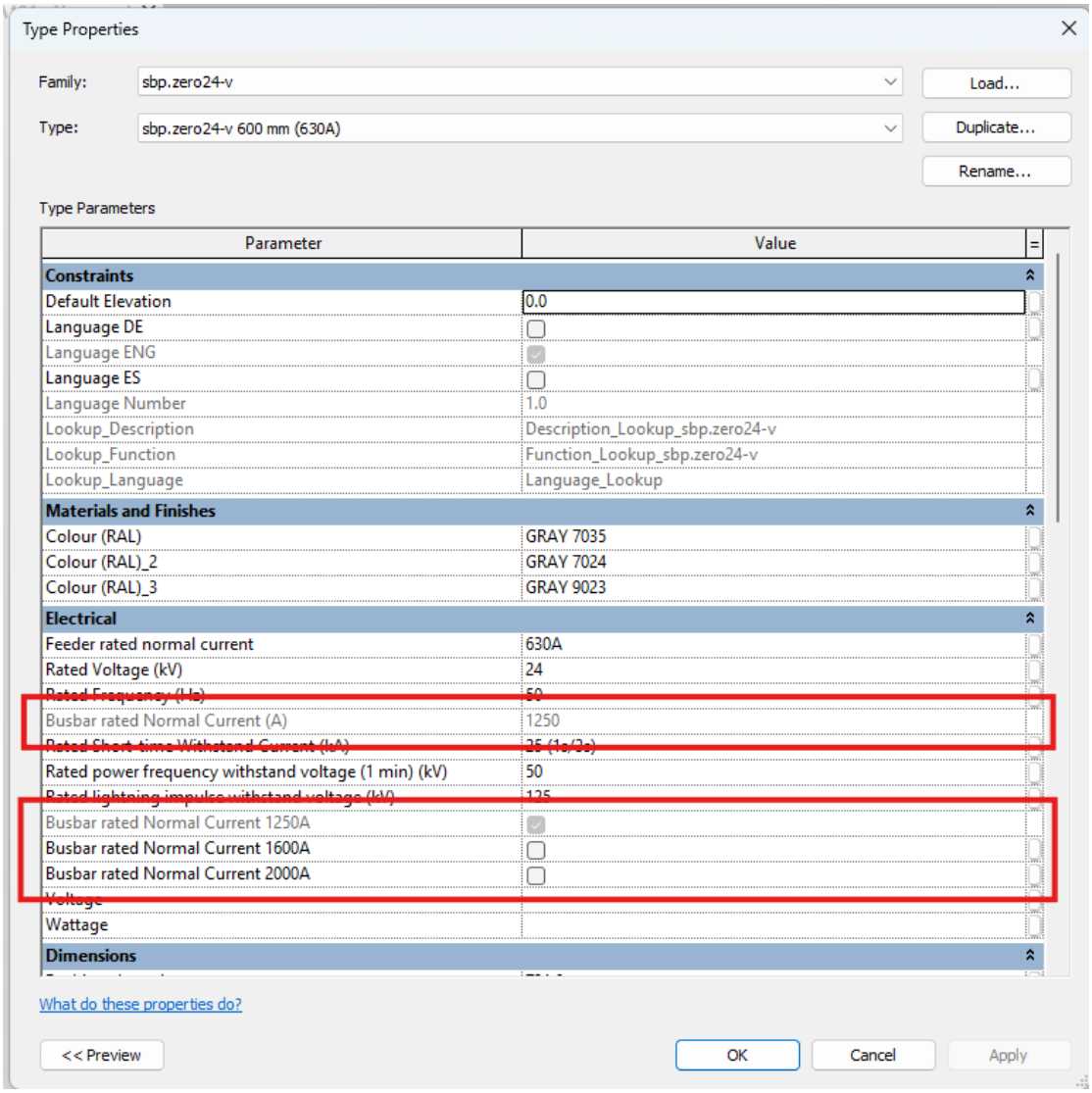
You Will also be able to choose to enable the visibility of the control box type. By default, it is “Basic”. If you enable “Large” or “Extra Large”, it will disable “Basic”, but you should not enable “Large” and “Extra Large” at the same time, because you will see the graphical features of “Extra Large”.





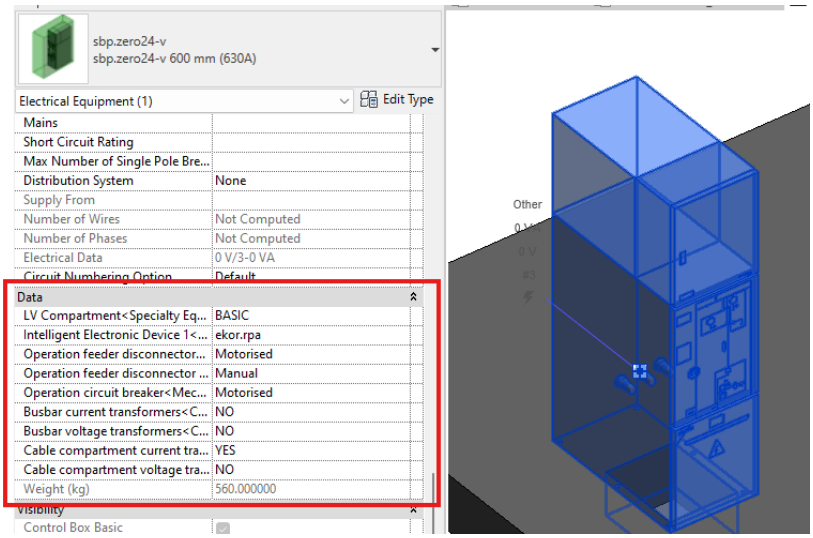
2.3. Busbar rated Normal Current (A).

The control of the value of the parameter “Busbar rated Normal Current (A)” is done through the edit type window. Within this window we have the parameter "Busbar rated Normal Current (A)" whose value is modified by means of the selectable parameters of "Busbar rated Normal Current 1250A, 1600A, 2000A". Depending on the model and type of family, these values may vary.



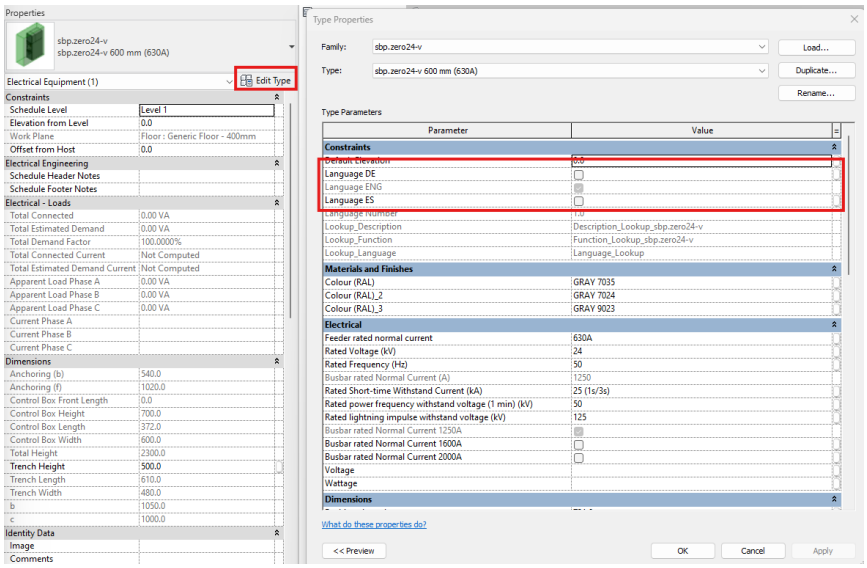
2.4. Other parameters.

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 switchgear, simply select the family and click the “Edit Type” button at the head of the “Properties” tab.

Language by default is English (EN). If you German (DE) or Spanish (ES), “EN” will disabled, but you should not enable “ES” and “DE” at the same time, because you will see the description and function in Spanish.



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 switchgear or consult Ormazabal Technical department

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