ormazabal
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BIM COMPONENTS USER GUIDE
cgm.zero24 IEC-REVIT 2022

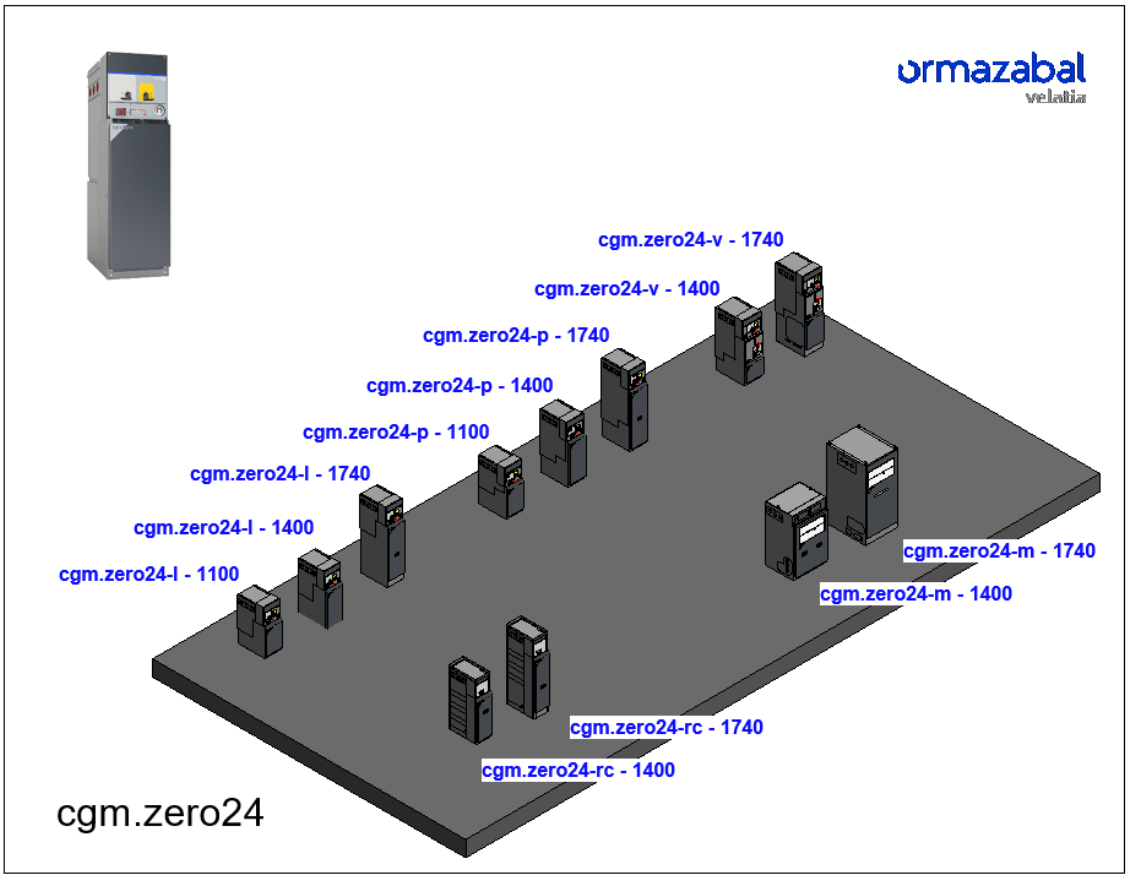
ORMAZABAL cgm.zero24 IEC cubicles types

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 cgm.zero24.



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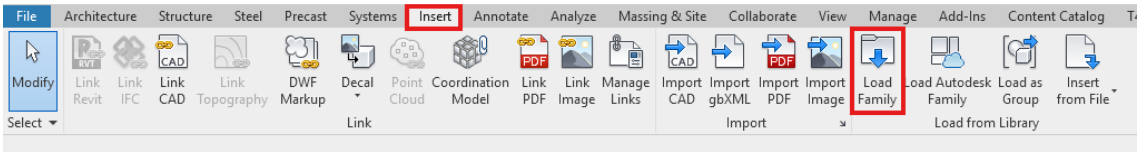
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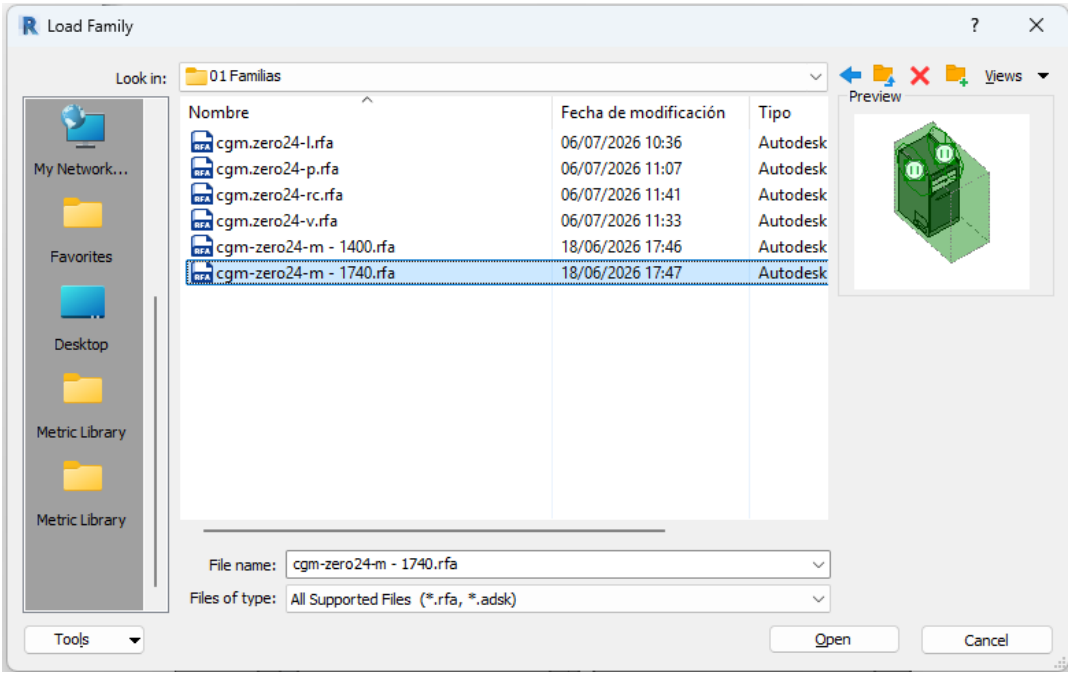
1. Placing the cubicles into the project

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"

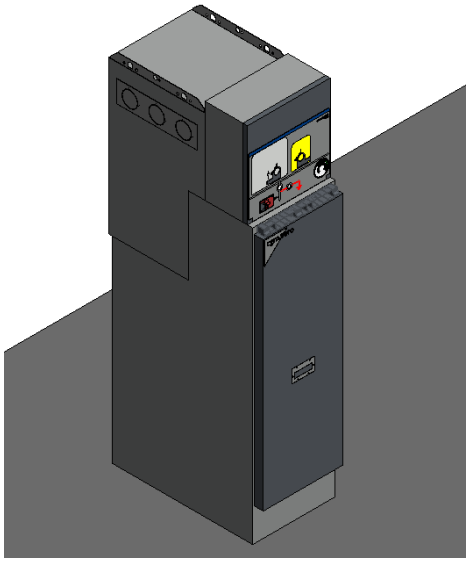


3. Navigate to the location of the shaved ORMAZABAL component that you have just downloaded in order to insert the family in *rfa format that you require.

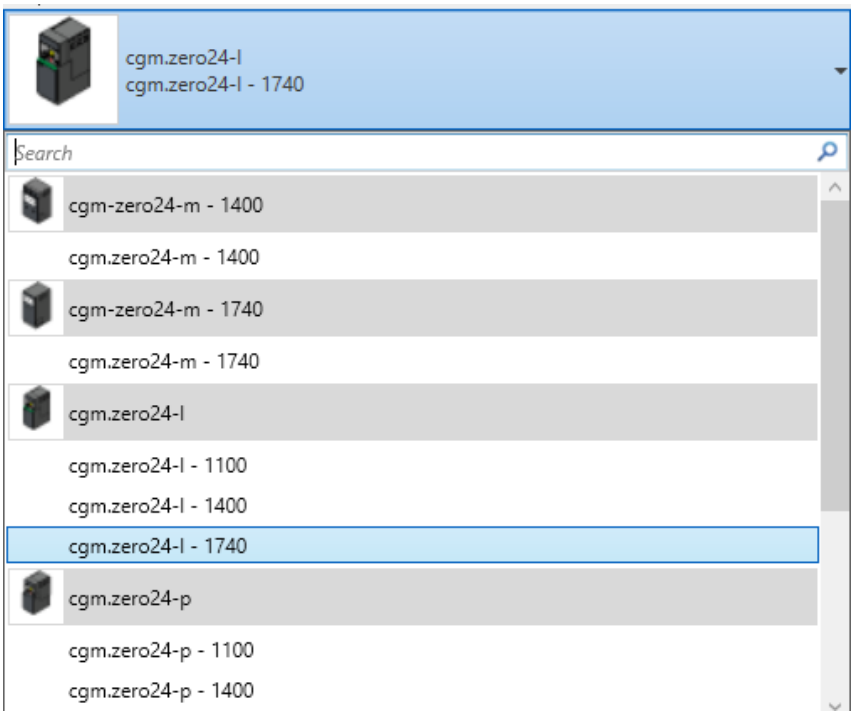


4. Click OPEN to load the component into your Project.

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.



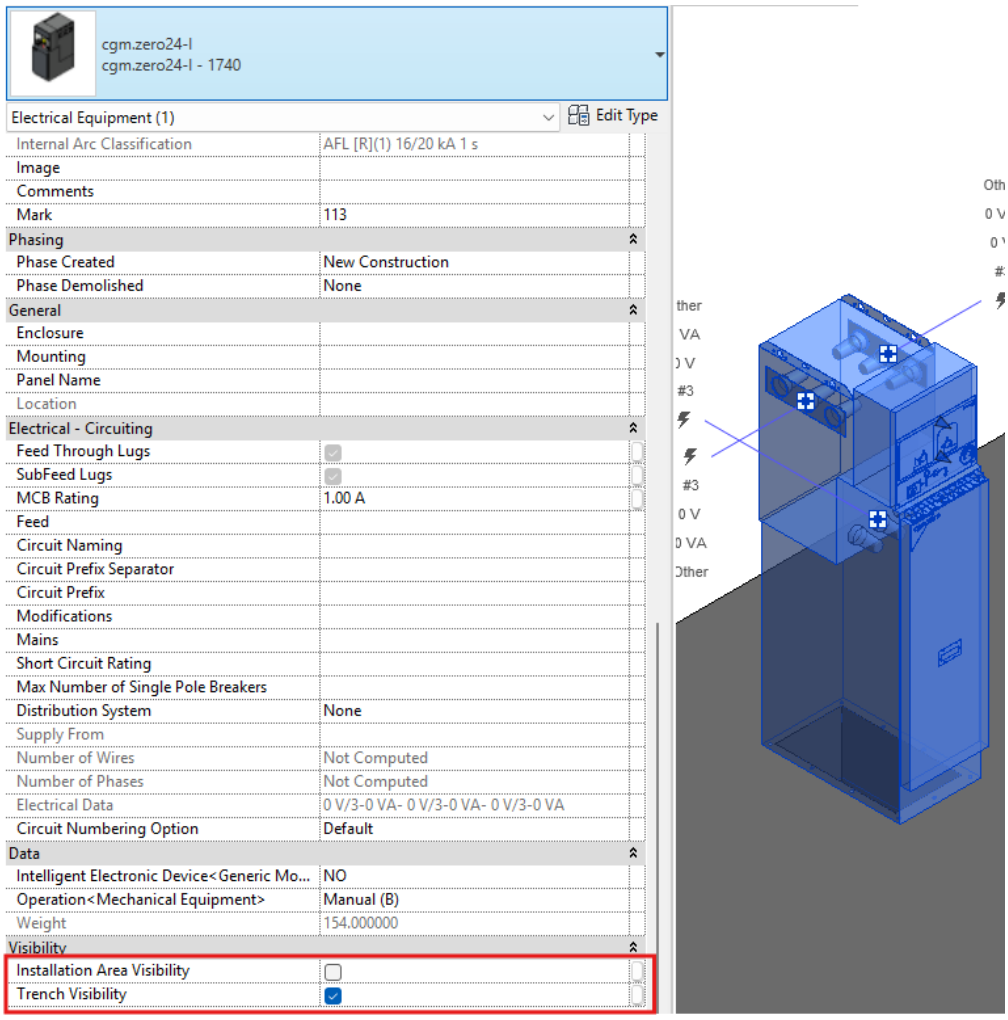
7. The cubicles is now part of the electrical system of the Revit project. There are various options available to the user to be able to modify the setting out and the positioning of the cubicle.

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.

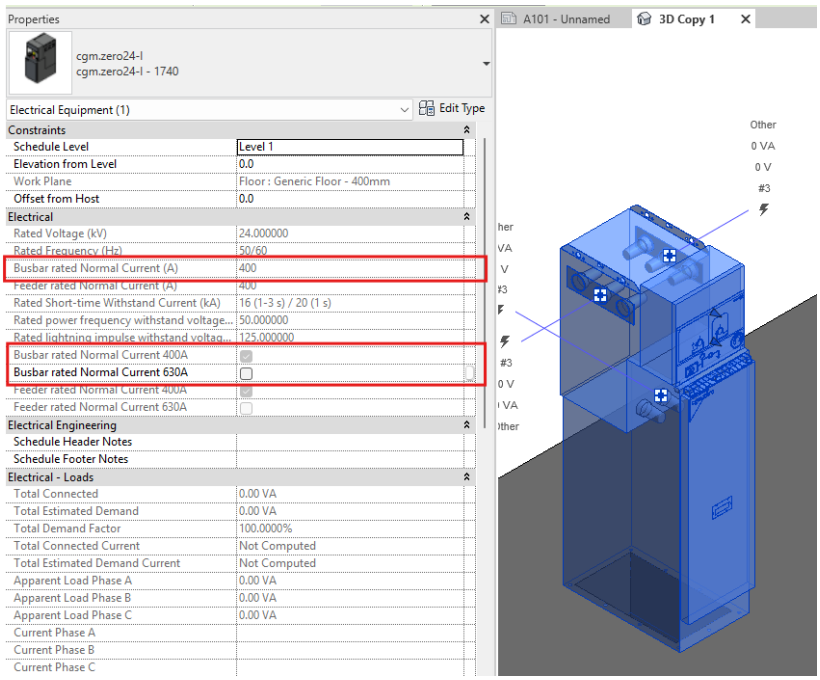
Once the cubicles are selected you will be able to enable the visibility of the installation area and trench, by clicking the instance box parameter on and off:



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.

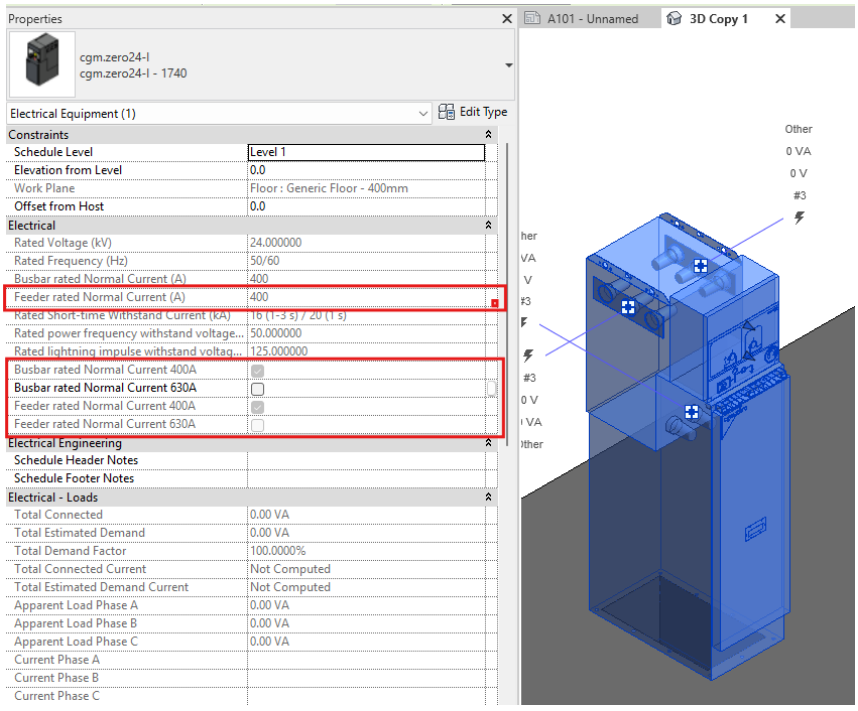
2.2. Busbar rated Normal Current (A)

You will be able to choose between “Busbar rated normal current 400A” or “Busbar rated normal current 630A”; 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.



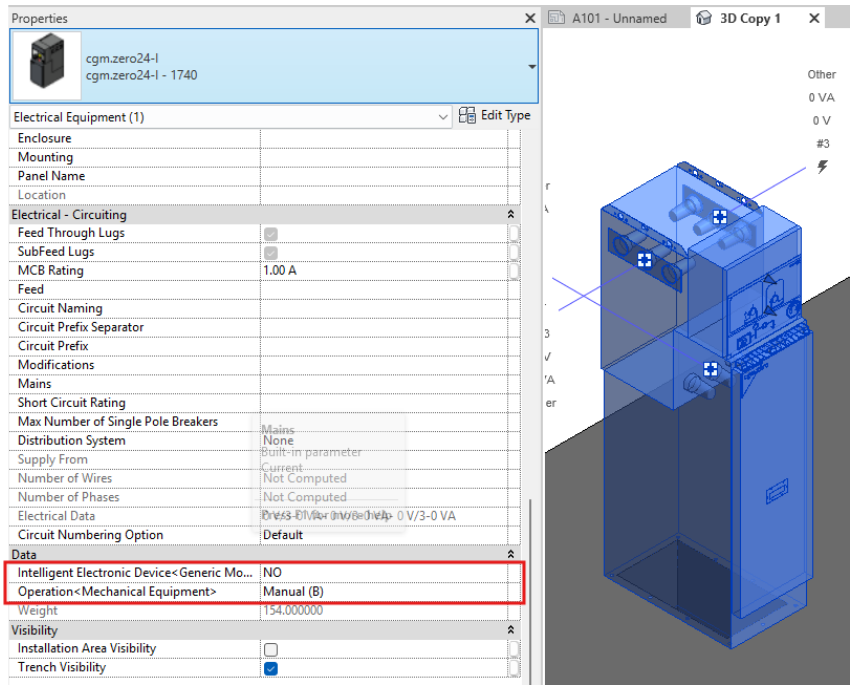
2.3. Feeder rated Normal Current (A)

Feeder Rated Normal Current (A) is associated with the Busbar Rated Normal Current. If you select a Busbar Rated Normal Current of 400 A, the option Feeder Rated Normal Current 400 A will be automatically selected, and the Feeder Rated Normal Current (A) value will be 400. Likewise, if you select a Busbar Rated Normal Current of 600 A, the option Feeder Rated Normal Current 600 A will be automatically selected, and the Feeder Rated Normal Current (A) value will be 600.



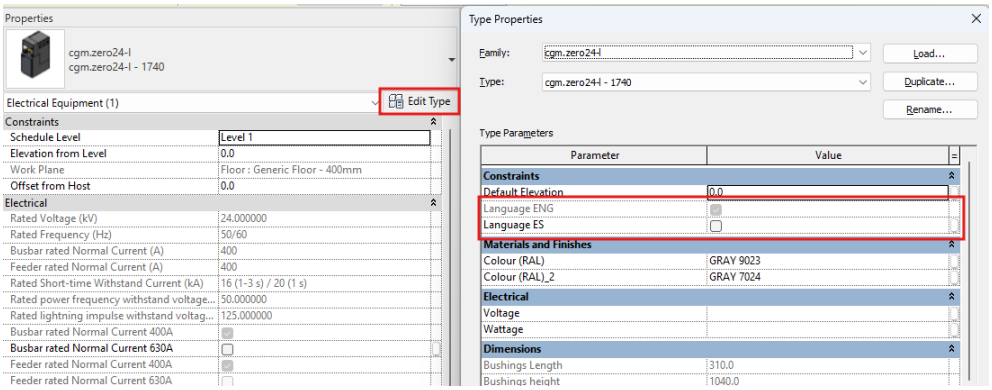
2.4. Other parameters.

Depending on the family some other features are available within the instance box parameters, such as optional accessories like “Intelligent Electronic Device” 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 Spanish (ES), “EN” will be disabled.



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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More info