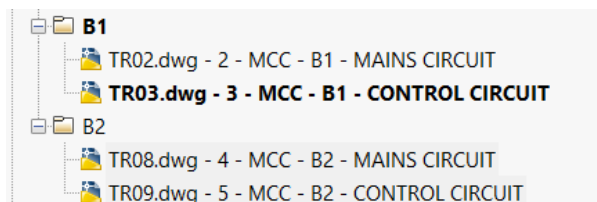


Same Wire Numbering Convention – Different Locations

AutoCAD Electrical 2018

Many MCC or multiple compartment cubicle manufacturers often will have the same wire numbers used from one cubicle to another even though the wires will not be physically connected and are not considered to be part of the same equipotential. The Installation and Location is the key differentiator between the different instances. Whilst this required functionality is not in accordance with IEC norms, it is assumed that the wire numbers are unique because of their installation and/or location.

Whilst AutoCAD Electrical does not have a “tick box” for this functionality it is achievable by several methods. You could define sub-folders for each cubicle and this would make it easier for numbering.



1. Copying a fully numbered compartment cubicle

Ensure that the cubicle you are copying is fully numbered and finished.

In the project manager, right click over the drawing you wish to copy.

Select Properties > Drawing Properties and define the location as being the specific cubicle e.g. B2



Select

Right click over the drawing and select

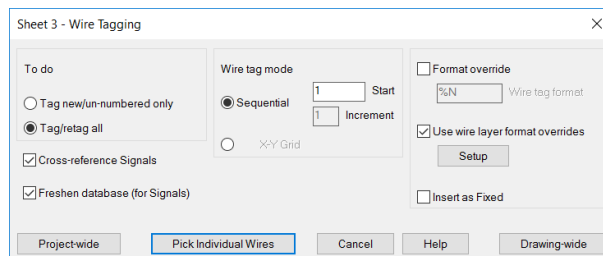
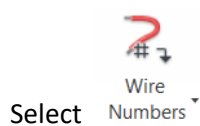
Change the name of the file and then select

Repeat for the required number of drawings

Right click on each copied drawing in the project manager and select Properties > Drawing Properties and define the NEW location as being the specific cubicle e.g. C3

Right click over the project and perform a **Title Block Update...** to renumber the sheet numbers.

2. Numbering your wires on a per cubicle basis

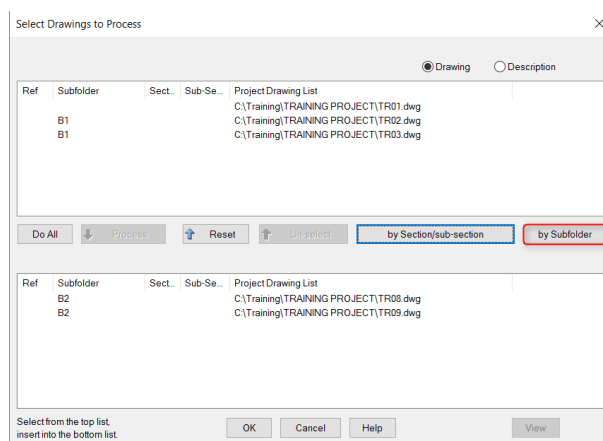


Select **Project-wide**

Select *Consecutive (drawing to drawing)* ensuring a start of 1

Select **OK**

From the list of drawings, highlight only the drawings related to the specific cubicle e.g. B2. If you have used sub-folders, you can select **by Subfolder**



Select **OK**

Repeat for each cubicle

3. Numbering your wires project wide

This is by far the quickest of the methods but relies on defining the installation and/or location in the wire numbering system even though this will be stripped. The Cadline Localiser will need to be installed for this functionality. This can be downloaded from:

[Download the Cadline Localiser](#)

Please ensure you follow the instructions for installation:

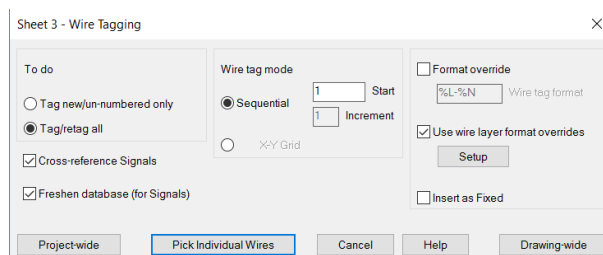
[Installation & Operating Instructions](#)

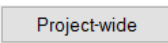
Right click over the project in the project manager and select Properties > Wire Numbers tab
 Define the wire number format as

“%L-%N”, “=%I+%L-%N” or “%I+%L-%N”.

It is recommended that the first option is used if your wire numbers are horizontally placed on vertical wires due to the length of the numbers.

Right click over any existing drawings in the project and select Properties > Apply Project Properties



Select 

Select *Consecutive (drawing to drawing)* ensuring a start of 1

Select 

Select 

Select

Select the *eXtras* ribbon tab (Cadline Localiser ONLY)



Select **Wire No Prefix Removal - Project Wide** from the **Wire No Prefix Removal** dropdown

N.B. The dropdown arrow offers the ability to run this command on the active drawing or the project
The utility can be run at any time by simply typing **RMV** at the Command prompt

