

Creating a New Wire Type

AutoCAD Electrical 2016

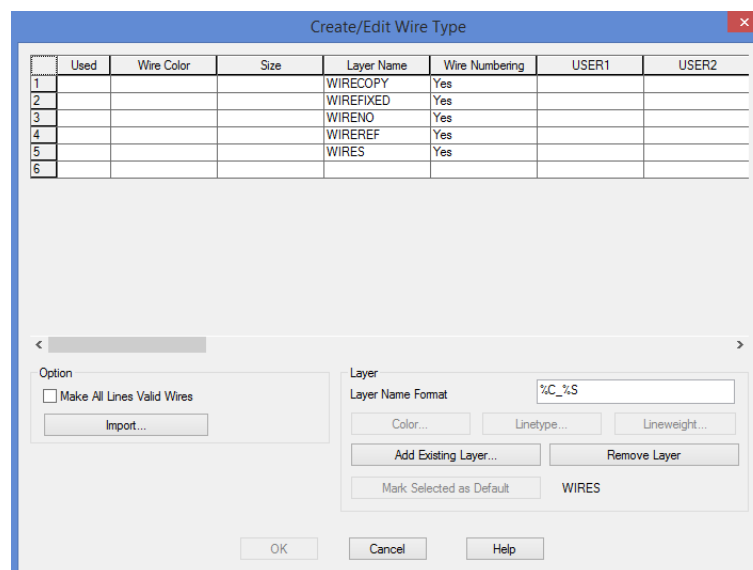
The best place to create a new wire type is in your company standard template (*.DWT) because this means that every new drawing that is created always has the specific wire type.

Wire types can also represent cables and pipes so the function is not just limited to “wires”.

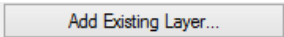
To create a new wire type:

Select the *Schematic* ribbon tab > *Edit Wires/Wire Numbers* panel

Select  *Create/Edit Wire Type*



Existing wire types are shown in the top half.

 You can add an existing layer as being a wire type if translating legacy drawings

Wire types can be defined by function and/or wire size/colour


The default Layer Name Format is %C_%S which basically means that if you enter a wire colour in and then a wire size, the wire layer will be named as the “colour_size”.

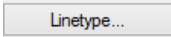
If you are wanting to provide accurate wire net lists it is recommended that all combinations of wire size and colour are added.

E.g.

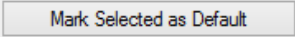
0.5mm	BK
1.0mm	BK
1.5mm	BK
2.5mm	BK
4.0mm	BK
6.0mm	BK
10mm	BK
16mm	BK
25mm	BK

The Wire Color field is the actual wire colour and not the graphical colour.


To change the graphical colour, create the wire type and select 

To change the graphical linetype, create the wire type and select 

To change the graphical lineweight, create the wire type and select 

The default wiretype can be set by highlighting a wire type and selecting 

You can also create JUMPERS, BUSBARS and single line cable representations. If you do not want the wiretype to be numbered, set the *Wire Numbering* column to be *No*

If you wish to retrospectively update an existing drawing or multiple drawings with the new wire types definitions you can by using the command . This topic is covered in the link below.

Related Topics:

[Wire Jumpers](#)

[Wiring into Busbars](#)

[Importing Wire Types from another Drawing](#)