



AutoCAD Electrical 2023 – Creating a New Pipe Type

AutoCAD Electrical

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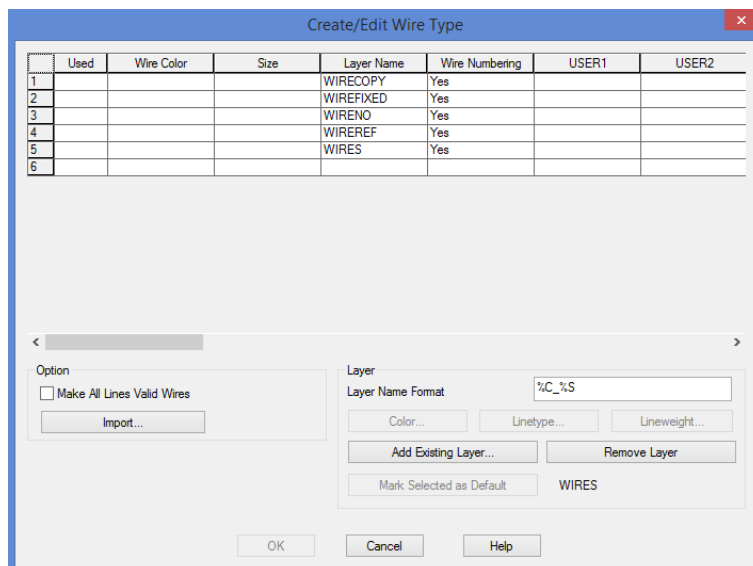
The best place to create a new pipe type is in your company standard template (*.DWT) because this means that every new drawing that is created always has the specific pipe type definition.

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

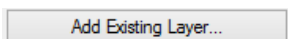
To create a new pipe type:

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

Select  *Create/Edit Wire Type*



Existing wire/pipe types are shown in the top half.



You can add an existing layer as being a pipe type if converting legacy drawings

Pipe types can be defined by function and/or pipe size/colour

The default Layer Name Format is %C_%S which basically means that if you enter a pipe colour (header=Wire Color) in and then a pipe size (header=Size), the pipe layer (header=Layer Name) will be named as the "colour_size". If you are wanting to provide accurate pipe netlists it is recommended that all combinations of pipe size and colour are added.

E.g.

BLUE	Ø3mm
BLUE	Ø4mm
BLUE	Ø6mm
BLUE	Ø8mm
BLUE	Ø10mm
BLUE	Ø12mm
BLUE	Ø16mm

The column *Wire Color* (pipe colour) field is the actual pipe colour and not the graphical colour.

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

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

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

The default pipetype can be set by highlighting a pipe type and selecting

You can also create a JUMPER pipe type (wire layer) for direct connections such as flexible hoses connecting directly into components. If you do not want the pipetype 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 pipe types definitions you can by using the command . This topic is covered in the link below.

Related Topics:

[Wire/Pipe Jumpers](#)

[Importing Wire/Pipe Types from another Drawing](#)



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