

Saving a Circuit

AutoCAD Electrical


You can save groupings of components, wires, ladders, and other entities as circuits. Like blocks, saved circuits are inserted as a single object. Saved circuits save time when your projects require common arrangements of components, such as motor starters or control circuits.

When you use any of the AutoCAD Electrical Insert Circuit commands to insert a circuit, the circuit explodes. Wire numbers and component tags are updated or reset according to the tag settings of the current drawing / project. However, fixed tags are not updated.

Saved circuits ensure standardisation across multiple engineers and because saved circuits automatically update to the next available tag numbers save you an enormous amount of time with bills of materials, labels instantly on hand.

Select *Schematic* ribbon tab > *Edit Components* panel >  *Copy Circuit* ↓

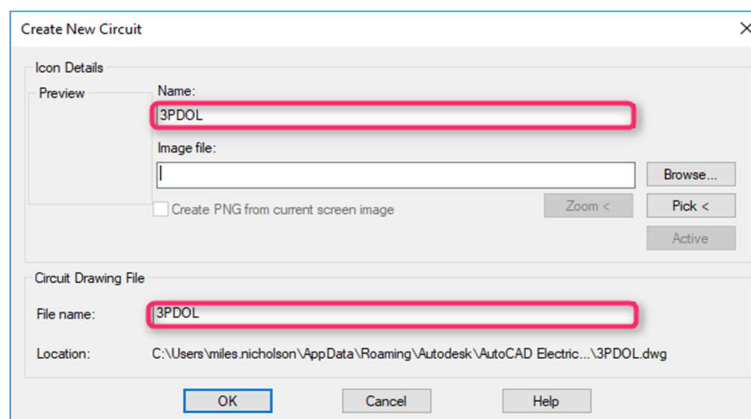
Select  *Save Circuit to Icon Menu*

Select  ↓

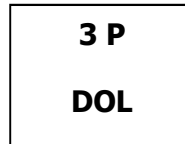
Select *New Circuit*

Enter a unique name for the *Name* and the *Circuit Drawing File* (generally the same)

As the icon preview is small, it is often difficult to get a decent PNG created from the current screen image.



It is recommended to use Microsoft Paint to create a text based PNG file or use Microsoft Word and the Windows Snipping tool



Select  to finish

Specify the *Base point* (insertion point which is typically top left connection)


Window around the objects you wish to include as part of your circuit including connection dots


The new circuit will now be shown in the icon menu

Select  to finish

To insert, the circuit is available through the *Icon Menu > Miscellaneous > User Circuits*

OR

Schematic ribbon tab > Insert Components panel >  Insert Wblocked Circuit ↓

Select  Insert Saved Circuit