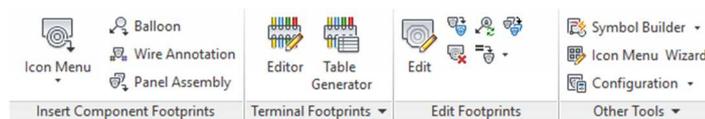


# Inserting Parts Into The 2D Cabinet Layout Prior To The Schematic

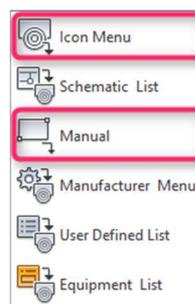
## AutoCAD Electrical

Components can be inserted at any stage throughout a project whether in the single line diagram, cable block, topology, system architecture, schematic, 3D assembly within Inventor or in this instance the 2D or 3D panel layout within AutoCAD Electrical.

Select the *Panel* ribbon



There are 2 methods that we will discuss:



This inserts a component that will be inserted into the schematic and allows the user to define the manufacturer and catalog details along with additional information such as the tag.



This inserts a square, rectangle, hexagon, circle or DWG footprint to represent a component and allows the user to define the manufacturer and catalog details along with additional information such as the tag.

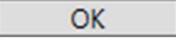
In this example, we are going to insert a new contactor.

Select  Icon Menu

Select  Motor Control >  Starter Coil >

Select 

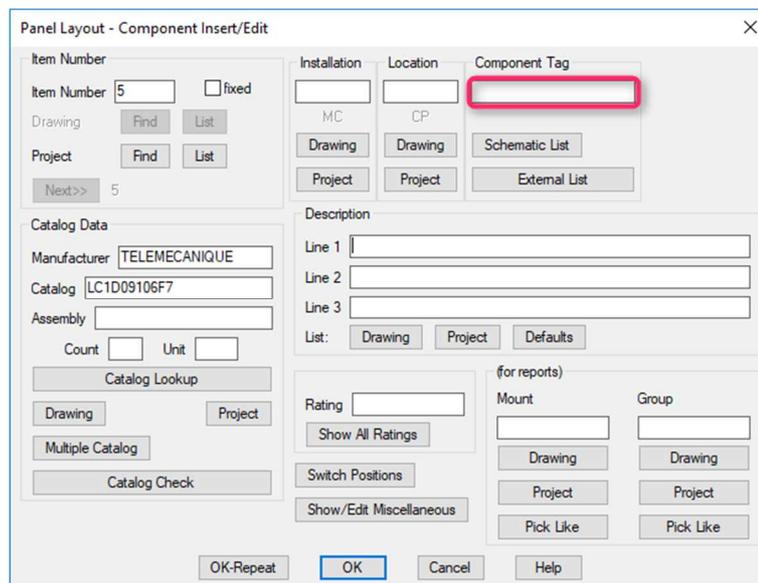
Manufacturer: Schneider Electric  
Catalog: LC1D09106F7

Highlight the part & select 

Select  to insert

*Specify a location on the drawing*

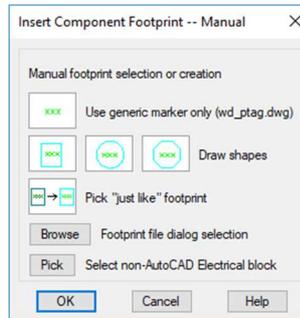
You can then define the component tag



Select 

Select  Manual

and the following dialogue is displayed



A square, rectangle, hexagon, circle or DWG footprint to represent a component can be drawn which will then bring up the *Component Insert/Edit* dialogue. The key difference between the two commands is the software doesn't know which electrical schematic symbol to place when drawing the schematics from the panel components. This command is generally used for components that are placed in the panel layout only.

The component can be inserted into the schematic from the command

Select *Schematic* ribbon tab >  Icon Menu ↓ >  Panel List