

Reference: Leave Blank] October 2018 Guide by Miles Nicholson

Creating a Panel Layout Assembly Template

AutoCAD Electrical 2019

A panel layout can be saved as an assembly template and can be recalled for new projects thus speeding up your design process. The template panel layout can even include dimensions. This is extremely useful if you are trying to standardise on your design aesthetics.

Whether the layout template includes the cabinet or just the backplate depends on the type of cabinet e.g. wall mounted, floor standing or multiple compartment cubicle. It can also include fixings, gland plates, glands, trunking and DIN rail for example.

Create a layout you wish to keep e.g.



😰 Icon Menu Wizard Select Panel ribbon tab > Other Tools panel >

Panel Select

OK Select

A new sub menu could be created for the assemblies:

Select Add V V New submenu











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	Name	
Preview	Assemblies	1
	Image file:]
		Browse
	Create PNG from current screen image Zoom <	Pick <
		Active
Sub-Menu		
Menu number:	100	
Menu title:	Assemblies	1
	ŀ]
	OK Cancel Help	

+____

A new sub-menu will now have been created Assemblies

The image for the Assemblies sub-menu can be added easily by creating your own PNG file or downloading an image and resaving as a PNG (*right click > Properties > Browse...*)

Double left click on the sub-menu

Select Add Vew circuit

Enter a new for the Icon Details & the Circuit Drawing File.

review	Name:	
	500x500 Backplate	
	Image file:	
		Browse
	Create PNG from current screen image Zoom <	Pick <
		Active
ircuit Drawing	File	
ile name:	500x500 Backplate	
ocation:	C:\Users\miles.nicholson\AppData\Roaming\Autodesk\Auto\500x500 Backplate	dwa









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You could select Active to have the active screen image as the icon, create your own PNG file or download an image and resave as a PNG.

Preview	Name:	
	500x500 Backplate	
	Image file:	
	TR07	Browse
	Create PNG from current screen image Zoom <	Pick <
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Location: C: Circuit Drawin File name:	Create PNG from current screen image Zoom < Users vniles nicholson \AppData \Roaming \Autodesk \AutoCAD B\TR07.PNG Ing File 500x500 Backplate	Pick < Active

Select OK

Command: Base point

Pick the *Base Point* of the assembly e.g. the top left corner.

Window around the objects you wish to select.

Select OK to accept

The backplate assembly can be recalled at any stage:



Select the Panel ribbon tab > Insert Component Footprints panel > Icon Menu







