

elecworks™ Tips & Tricks

Dynamic Connectors



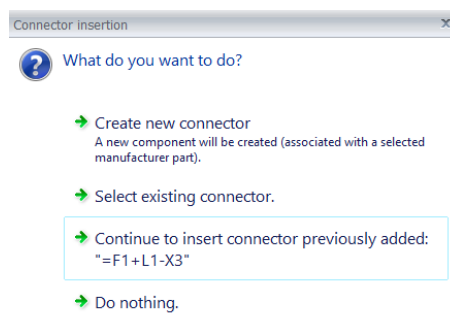
The new Insert Connector function allows you to either place a fixed representation of a connector by using a specific block or by dynamic insertion. The dynamic insertion basically creates a block on the fly from the pin information defined in the manufacturer's part information in the Manufacturer Parts Manager. This function is only available with the "Harness" or "Onboard" license. The standard software license is still able to insert fixed representation connectors.

This document shows you how to insert a dynamic connector.



Select Insert Connector

You will be faced with a dialogue similar to the following:

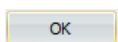


→ Create new connector
A new component will be created (associated with a selected manufacturer part).

Select

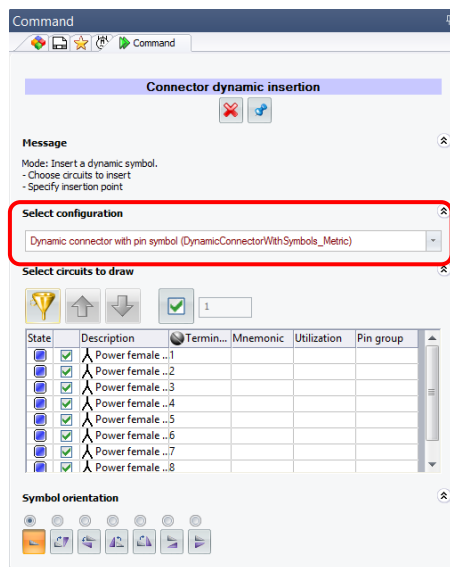
In this example pick a Harting : 09152092703 9 pin connector

Select



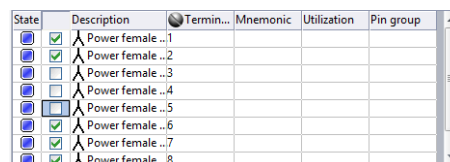
The side panel will now show the connector information





You can choose whether you are inserting a fixed representation or dynamic connector from the **configuration selection**

You are then able to select or deselect which pins you wish to insert at this moment in time. Deselect some of the pins



You can also enter information about what each pin is being used for

The revised connector with the required number of pins will then be ready to place

Place in in a schematic and elecworks will offer you another connector based on the outstanding pins available.

If you cancel out of the command, the remaining pins will still be available to place in either the same drawing or any other drawing within the project.

→ Continue to insert connector previously added:
"=F1+L1-X4"

You can select a different connector that may have split previously

→ Select existing connector.