


elecworks™ Tips & Tricks

Adding a Manual Part

In a previous Tips and Tricks we have explained how to create a part that gets added to the Manufacturer Parts Manager. In this manner the part will be available for all future selection.

However, in this Tips and Tricks we will explain how to add a part as a one-off that is NOT included in the parts database.

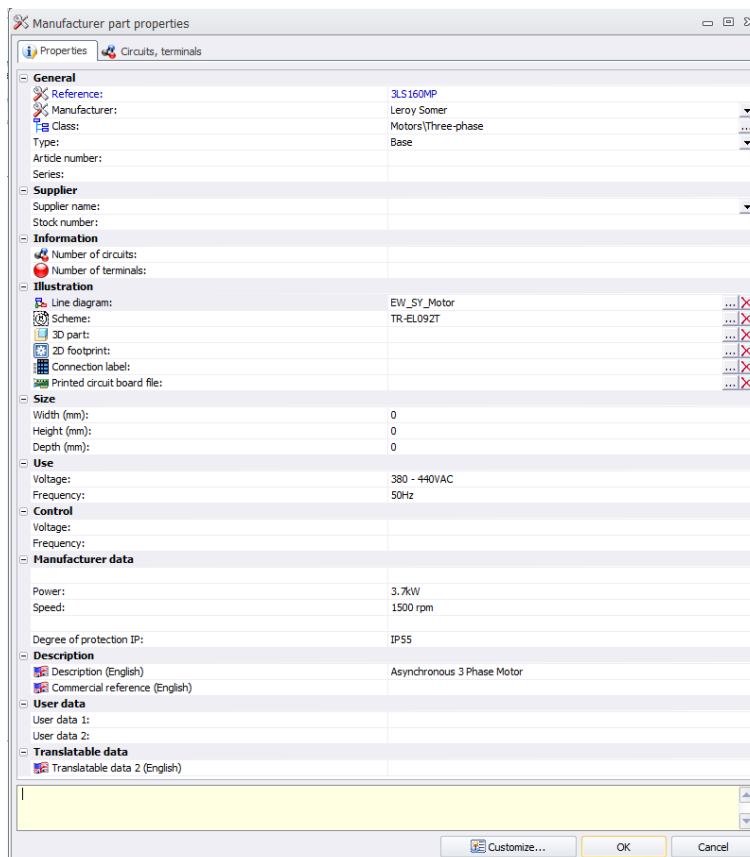
Right click over a symbol and select  **Component properties...**

In this example, right click over a 3 phase schematic motor symbol

Select *Manufacturer part and circuits* tab

Select  **Add manually...**

Fill in the details as shown:




The screenshot shows the 'Manufacturer part properties' dialog box with the 'Circuits, terminals' tab selected. The dialog is divided into several sections with expandable/collapsible headers:

- General**
 - Reference: 3LS160MP
 - Manufacturer: Leroy Somer
 - Class: Motors\Three-phase
 - Type: Base
 - Article number:
 - Series:
- Supplier**
 - Supplier name:
 - Stock number:
- Information**
 - Number of circuits:
 - Number of terminals:
- Illustration**
 - Line diagram: EW_SY_Motor
 - Scheme: TR-EL092T
 - 3D part:
 - 2D footprint:
 - Connection label:
 - Printed circuit board file:
- Size**
 - Width (mm): 0
 - Height (mm): 0
 - Depth (mm): 0
- Use**
 - Voltage: 380 - 440VAC
 - Frequency: 50Hz
- Control**
 - Voltage:
 - Frequency:
- Manufacturer data**
 - Power: 3.7kW
 - Speed: 1500 rpm
 - Degree of protection IP: IP55
- Description**
 - Description (English): Asynchronous 3 Phase Motor
 - Commercial reference (English):
- User data**
 - User data 1:
 - User data 2:
- Translatable data**
 - Translatable data 2 (English):

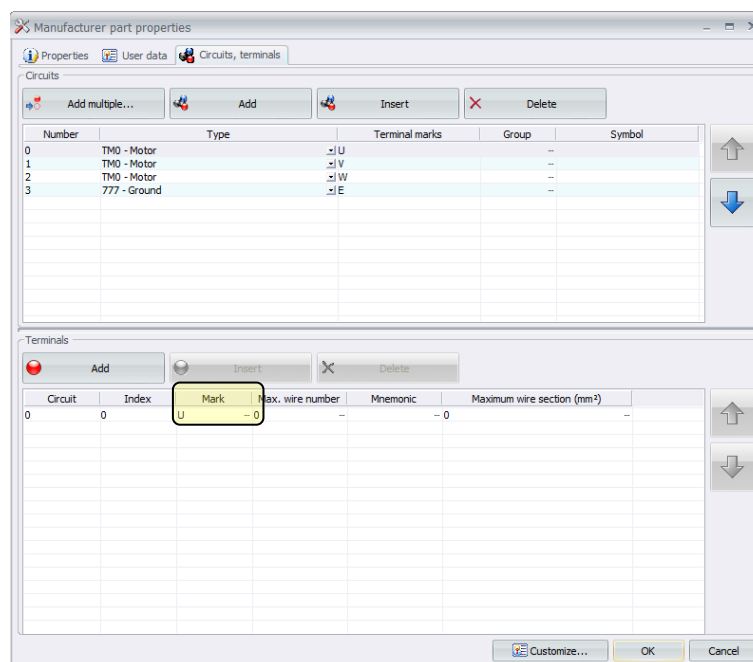
At the bottom of the dialog, there are three buttons: 'Customize...', 'OK', and 'Cancel'.

Reference: 3LS160MP
 Manufacturer: Leroy Somer
 Description (English): Asynchronous 3 Phase Motor
 Power: 3.7kW
 Speed: 1500 rpm
 Degree of protection: IP55
 Use Voltage: 380-440VAC
 Use Frequency: 50Hz

Select  Circuits, terminals tab

Highlight each connection and define its mark at the bottom of the dialogue

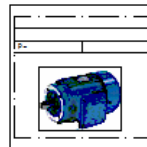
Terminals: U, V, W, E



You can define the symbols or graphics used when drawing other types of drawings e.g. single line
 This basically means that **elecworks™** knows automatically which symbol to use when drawing a single line diagram, schematic, 2D or 3D assembly

Select the  Properties tab

Select the option [...] to the side of *Line diagram symbol* and select the option:

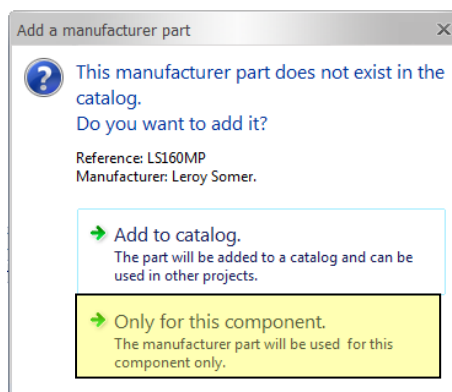


Motor


Repeat the process for Schematic, 2D & connection label symbols if known and/or available. This basically means that if you draw a schematic first, **elecworks™** knows which symbol to use when drawing the other type of drawing e.g. single line

Select 

The following dialogue will be shown:

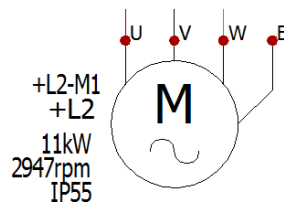


Select  Only for this component

Selecting  Add to catalog is a quick way to add new parts to the parts database without having to exit the schematic diagram

Select 

The part information will be annotated onto the symbol



The part information will appear in a bill of materials