

# Splitting / Stretching an Inserted PLC

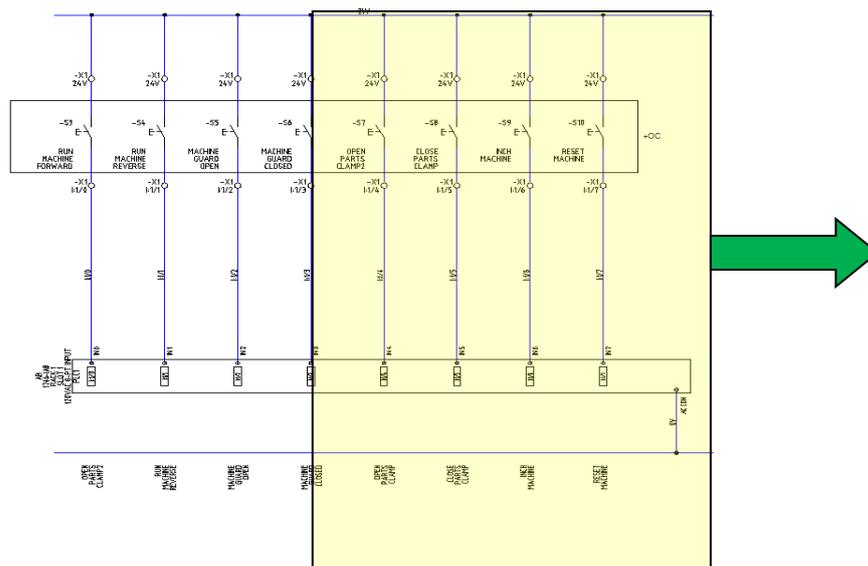
Product AutoCAD Electrical

When designing a PLC circuit, you may place your PLC modules down and not know what circuitry is ultimately connected to the terminal connections. This may result in the requirement to stretch the gap between two I/O to a greater distance to accommodate the addition circuitry. It also may mean that you might have to split the PLC and move the 2<sup>nd</sup> split to another drawing.

## Stretching a PLC

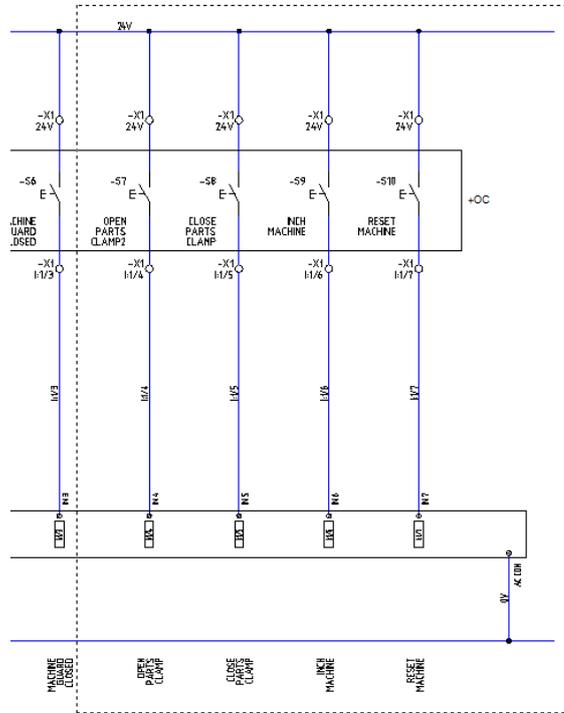
Stretch PLC Module is available from the Schematic ribbon > Edit Components panel >   >  Stretch PLC Module

In the following example circuit we may want to move out the circuitry highlighted to accommodate extra circuitry.



When you select objects be careful to ensure that you do not partially cross a component otherwise this will be stretched as well.

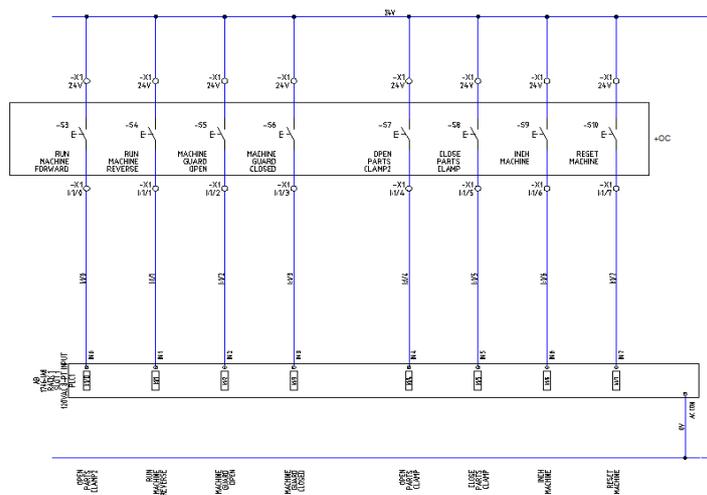
Note the careful selection below:



Left click to start the selection window, left click to end the selection window and then right click to finish the object selection.

Define a base point.

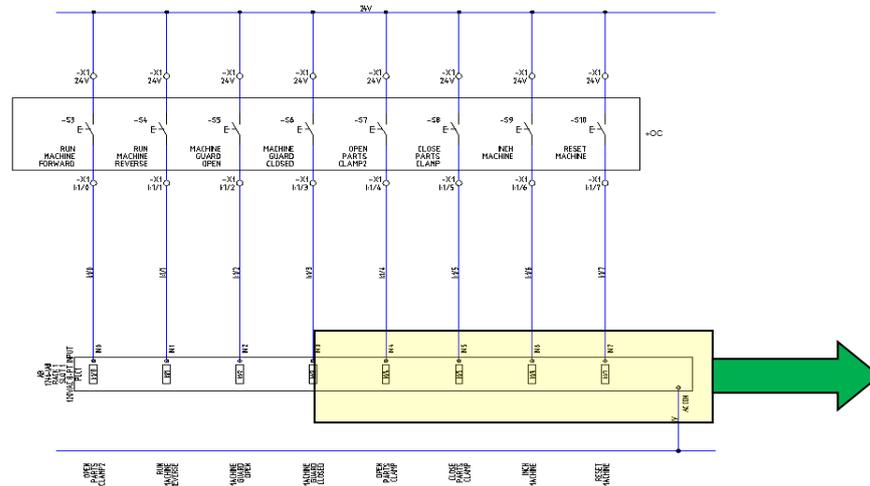
Point in the direction you wish to stretch the circuitry and type the value in at the command line e.g. 20.



## Splitting a PLC

Split PLC Module is available from the Schematic ribbon > Edit Components panel >  Split PLC Module

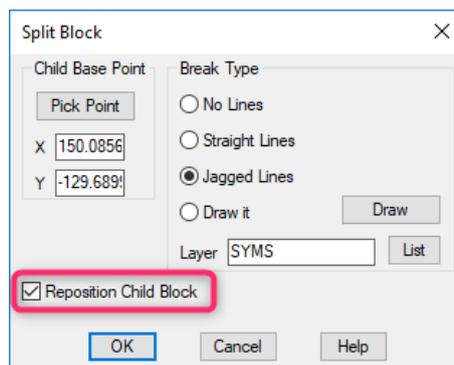
In the following example circuit we may want to split the PLC circuitry as highlighted and move to another page.



If we wish to move the circuitry connecting to the existing I/O points, we can also do this.

Select the block to split > Pick the PLC

Specify split point.



Select 

Move the 2<sup>nd</sup> split PLC to another part of the drawing.

Use *Ctrl+Shift+C* to copy the PLC with base point of insertion.

*Ctrl+V* to paste in the new drawing (remember to delete the 2<sup>nd</sup> split in the original drawing).