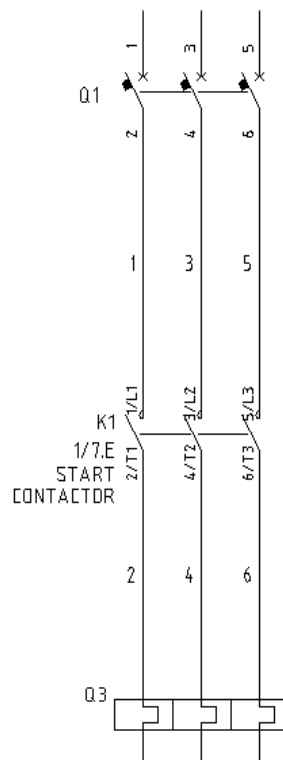


# Wire Jumpers / Links

## AutoCAD Electrical


Components such as overloads plug directly into contactors and therefore do not require wires connecting between them. However, in the schematic these connections are shown. An example would be similar to below where the connections from the device K1 to the device Q3 would not be wires, but be the pins of the overload plugging directly into the contactor.





Therefore we are able to allocate these connections on a wire jumper layer and exclude them from the wire connection lists and reporting.



Select the *Schematic* ribbon tab > *Edit Wires / Wire Numbers* panel >

 Select *Create/Edit Wire Type* and add a new layer with the name of “JUMPER”.

When drawing these wires ensure that you change the wire type to the new layer.

Alternatively you can use the command  *Change/Convert Wire Type* to change the wire type after which is available from the *Schematic* ribbon tab > *Edit Wires / Wire Numbers* panel. You can also right click over an existing wire and select  *Change/Convert Wire Type*

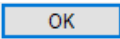
Select the new wire type from the list.

Used	Wire Color	Size	Layer Name	Wire Numbering	USER1	USER2
1	GREY	0.75mm	24VAC	Yes		
2	BLUE	0.5mm	24VDC	Yes		
3	X BLACK	2.5mm	400VAC	Yes		
4			WIREFIXED	Yes		
5			WIRENO	Yes		
6	RED	1.0mm	110VAC	Yes		
7	LIGHT BLUE	2.5mm	NEUTRAL	Yes		
8	GREEN-YELLOW	2.5mm	EARTH	Yes		
9			JUMPER	No		
10	BROWN	2.5mm	L1	Yes		
11	BLACK	2.5mm	L2	Yes		
12	GREY	2.5mm	L3	Yes		
13			SLD	No		
14			BUSBAR	No		
15						

Option  
 Make All Lines Valid Wires  
 Import...


Layer  
 Layer Name Format: %C\_ %S  
 Color... Linetype... Lineweight...  
 Add Existing Layer... Remove Layer  
 Mark Selected as Default 400VAC



OK Cancel Help

Select  and then pick each wire you wish to change by individual picks or a crossing window.



If you now run a *Schematic Report* and then a *From/To List*, the connections between the contactor and the overload will be excluded.

The command  *Internal Jumpers* is **not** the same functionality and is for defining internal connecting connections on a single component. This command can be accessed from:

*Schematics* ribbon tab > *Edit Components* panel > *Edit Component*  >  *Internal Jumpers*