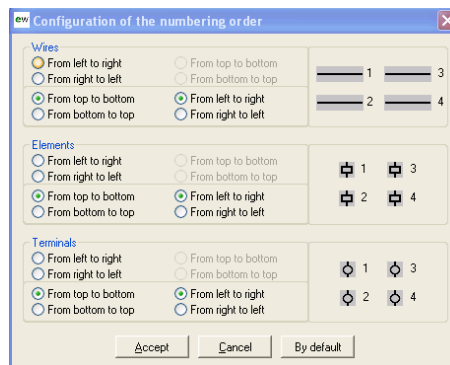


Swapping/Fixing Pin Contacts

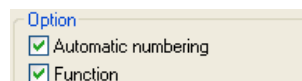
Electrical Designer Users

Electrical *Designer* will automatically cross reference contacts to a relay coil, as an example, in the order that the contacts are placed down in the schematic and in the numbering order defined in the *Configuration*.



For this month's Tips and Tricks place a *RL02* from the *BS library* down. If you are using a different library choose a two normally closed relay.

Ensure the following and assign a Function of TEST:



Select

Place a *CNNC* contact down (normally closed contact) and assign the same Function of TEST. The pin contacts will assume the pin values of 11,12

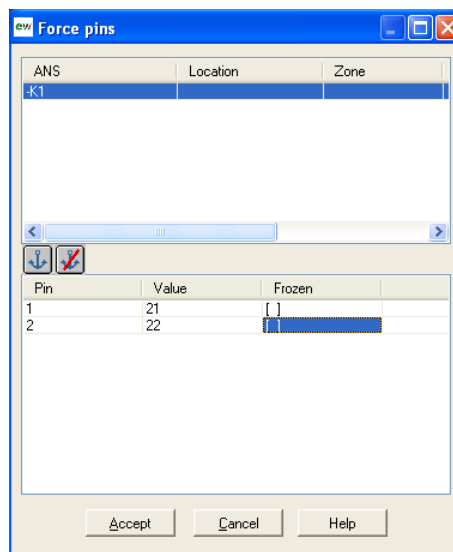
Place another *CNNC* contact down (normally closed contact) to the RIGHT of the first contact and assign the same Function of TEST. The pin contacts will assume the next available NC with pin values of 21,22


Now delete the 2nd placed NC contact and place another *CNNC* contact down (normally closed contact) to the LEFT of the first contact and assign the same Function of TEST. The pin contacts will assume the first available NC with pin values of 11,12 with the original *NC* contact having renumbered pins of 21,22

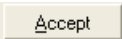
The above is fine if the equipment is not in build but you wouldn't want this occurring if the equipment has been built or in the process.

Therefore to fix/swap the pins:

Type *FPOL* at the Command line
 Select the contact and then press ↵



Select  and the pins will be marked [x]


Select 

Now place the 2nd *CNNC* contact down (normally closed contact) to the LEFT of the first contact and assign the same Function of TEST. The pin contacts will assume the next available NC with pin values of 21,22 with the original *NC* contact maintaining pins of 11,12

The above function can also be used to define which set of pins a particular contact uses. However if you assign pin values which do not belong to the parent coil, Electrical *Designer* will report an error when any type of cross reference analysis is performed.

Fixing the pin values of an entire drawing:

Type *FPOL* at the Command line
 Type ALL at the Command line

Select  and all of the pins will be marked [x]

Select