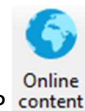


elecworks™ Tips & Tricks

Mandatory & Optional Accessories

Component parts can have mandatory and optional accessories. As an example, a plug-in relay always requires a socket (mandatory) but might not always require a retaining link (optional). The following white paper explains how you can define both mandatory and optional accessories within elecworks™.



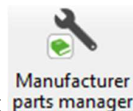
If you haven't got the Omron range of relays installed, login to the ECP and download:



OMRON
 Contactor relays, relays
 Contactor relays, relays (2,4Mb - 07/05/2017)



Assigning Mandatory Parts



From the *Library* ribbon tab > select




Select > Add manufacturer part > Add electrical assembly

The reference is basically the assembly code. In this case, we could use a combined part number of the relay reference and the socket reference:

Reference: MY4Z-24VDC/PY14
 Manufacturer: OMRON
 Description (English): MY14 24VDC RELAY WITH SOCKET
 Use – Voltage: 24VDC

Select the **Manufacturer parts** tab

Select **Add**

 Manufacturer:	Omron
 Reference:	MY4Z-24VDC


Enter the filter of



Highlight MY4Z-24VDC-(S) and select 

Type:	Accessory
Mark root:	<All>
Manufacturer part	
Manufacturer:	Omron
Reference:	PY14


Now filter for the accessory


Highlight PY14 and select 

Select

Select to accept the changes

Assigning Optional Parts

Insert an *Instantaneous relay coil*  into a schematic

In the symbol properties dialogue, select  **Manufacturer part and circuits** tab

Type:	Electrical assembly
Mark root:	<All>
Manufacturer part	
Manufacturer:	Omron
Reference:	MY14


Assign the Super Part ensuring your filter is of type

Highlight MY4Z-24VDC/PY14 and select 

Once a *Base* or *Super Part* has been assigned, you can define optional accessories

Type:	Accessory
Mark root:	<All>
Manufacturer part	
Manufacturer:	Omron
Reference:	PYC

Enter the filter of

Highlight PYC-A1 and select 

The parts listed will now be:

	Omron	MY4Z-24VDC-(S)	RELAY - CONTROL
	Omron	PY14	SOCKET - SOLDER TERMINAL,
	Omron	PYC-A1	SOCKET HOLD-DOWN CLIP