

User Defined Attributes in Reports

AutoCAD Electrical


You can include user defined attributes or indeed XDATA in the reports. From the help, it is not obvious what benefit the function can have for the user. In this month's Tips and Tricks, we look at one of the reasons which is to include the manufacturers weblink or hyperlink within the report thus facilitating a list of data sheets required for the project.

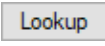
Each report type has a set of predefined fields available to include in the specific report. By using the User Defined Attribute List tool to add fields to reports, we can add additional attributes such as the xdata field for the weblink value. This enables the user to provide a full list of weblinks (hyperlinks) for the components used within the project.

Why is this useful? Manuals, OEM documentation, maintenance etc

How to do it:

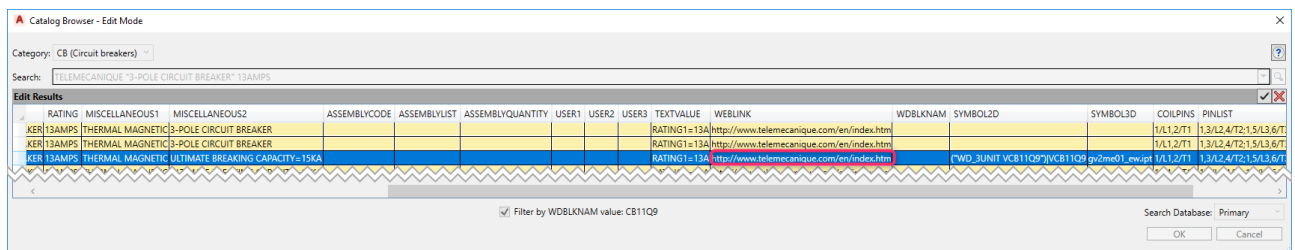
First each component used must have a weblink or hyperlink associated to the part assigned to the symbol.

To do this, right click over the symbol and select  *Edit Component*

Select 

The part associated will be highlighted. Select  *Edits catalog database*

Ensure a weblink is assigned:



This does not have to be a weblink and can be a location on your server pointing to an image, document or PDF installation instructions.

If the link is a document, you must maintain the document in this location and not move the document or change the server path otherwise the link is lost.

Select to accept any changes made

Select the *Reports* ribbon tab > *Miscellaneous* panel >  **User Attributes**

Define the user attribute as follows:

	Attribute Tag	Column Width	Justification	Column Title
1	WD_WEBLINK	100	Middle Left	HYPERLINK
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				

Pick Open Save As **OK** Cancel Help

Select

If you save in the activated project directory, save the file as <<your project name>>.wda
 If you wish to use the same settings file for all projects, then save in one of the Support folders such as
 C:\Program Files\Autodesk\AutoCAD 2018\Support\ as **default.wda**

Select



Select *Reports* ribbon tab > *Schematic* panel >

Select *Bill of Materials* > *Normal Tallied Format*

Select

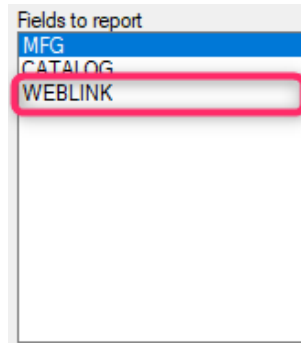
Select

Select

Select if prompted to save

Select

Add **WEBLINK** as a *Field to report*



Select

The weblink information will now be available in the reports and can be exported to Microsoft Excel

cadline		Technology Drive Batley West Yorkshire WF17 6ER	
MFG	CATALOG	WEBLINK	
TELEMECANIQUE	GV2ME20	http://www.telemecanique.com/en/index.htm	
TELEMECANIQUE	ATV312HU40N4	C:\TRAINING\ATV312HU40N4.PDF	
TELEMECANIQUE	XB4BV33	http://www.telemecanique.com/en/index.htm	
TELEMECANIQUE	LC1D09106F7	http://www.telemecanique.com/en/index.htm	
AB	800EM-LM4	http://www.ab.com/industrialcontrols/products/push_buttons/index.html	
AB	800E-2DL5R	http://www.ab.com/industrialcontrols/products/push_buttons/index.html	
AB	800E-2X01	http://www.ab.com/industrialcontrols/products/push_buttons/index.html	
TELEMECANIQUE	XB4BA31	http://www.telemecanique.com/en/index.htm	
AB	1746-IB8		
SIEMENS	6AG1 321-1BH02-2AA0		
WEIDMULLER	1010000000		
WEIDMULLER	1011100000		
WEIDMULLER	1020000000		