

List of Symbol and Title Block Attributes in SOLIDWORKS Electrical 2015

This article provides a reference list for symbol and title block attributes in SOLIDWORKS Electrical 2015, with some notes on usage. The majority of these attributes also apply to SOLIDWORKS Electrical 2014.

This is not a troubleshooting guide. If you have any technical issues with SOLIDWORKS Electrical, please contact [Hawk Ridge Systems Technical Support](#).

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SYMBOLS

ATTRIBUTE DESCRIPTION	ATTRIBUTE TAG
Properties of Symbol/Component	
Marks	
Full mark	#TAG
Short mark	#SHORT_TAG
Parent mark	#PARENT_TAG
General data	
Description ¹	#COM_TZ_0_L1
Translatable data 1 ²	#COM_TZ_1_L1
Translatable data 2	#COM_TZ_2_L1
User data 1	#COM_TX_0
User data 2	#COM_TX_1
Manufacturer data	
Type	#TD_3
Degree of protection (IP code)	#TD_5
Specific Properties of Terminals	
Marks	
Terminal mark	#TER_TAG (or #SHORT_TAG)
Terminal strip mark	#TER_TAG1 (or #PARENT_TAG)
Manufacturer data	
Section	#TD_2
Shunt (0/1)	#TD_3
Level number	#TD_4
Acc. terminal	#TD_5
Step	#TD_6
Properties of Associated Manufacturer Part	
Manufacturer	#REF_DES_1
Manufacturer part reference	#REF_DES_2
Article number	#REF_ART_NUM
Description	#REF_TZ_0_L1
Commercial reference	#REF_TZ_1_L1
Translatable data 2	#REF_TZ_2_L1
User data 1 ³	#REF_TX_0
User data 2	#REF_TX_1
Properties of Component Location and Function ⁴	
Location/Function mark	#LOC_TAG
Description	#LOC_TZ_0_L1
Translatable data 1	#LOC_TZ_1_L1
Translatable data 2	#LOC_TZ_2_L1
User data 1	#LOC_TX_0
User data 2	#LOC_TX_1

Notes

- ¹ Translatable data attributes can be shown in different languages by editing the “**L1**” suffix of the attribute tag. **L1** refers to Language 1 of the project and can be changed to **L2** to refer to Language 2, and so on. It can also be changed to the language code, e.g. **EN** for English.
- ² For all types of user and translatable data attributes (including Description), numbers beyond 1 and 2 can be used by changing the relevant number in the attribute tag. E.g. The tag for User data 3 is ...**TX_2** while that for Translatable data 3 is ...**TZ_3_L1**.
- ³ If using an ERP database connection, the User data attributes will correspond to the user data fields in the ERP database for that manufacturer part.
- ⁴ The attribute tags for function are the same as those for location but with **LOC** replaced by **FUN**.

TITLE BLOCKS

ATTRIBUTE DESCRIPTION	ATTRIBUTE TAG
Properties of Project	
Project name	#PROJECT_TAG
Contract number	#PROJECT_CONTRACT_NUM
Customer name	#PROJECT_CUSTOMER
Customer address (line 1)	#PROJECT_CUSTOMER_ADDRESS_1
Customer address (line 2)	#PROJECT_CUSTOMER_ADDRESS_2
Customer address (line 3)	#PROJECT_CUSTOMER_ADDRESS_3
Design office	#PROJECT_DWG_OFFICE
Design office address (line 1)	#PROJECT_DWG_OFFICE_ADDRESS_1
Design office address (line 2)	#PROJECT_DWG_OFFICE_ADDRESS_2
Design office address (line 3)	#PROJECT_DWG_OFFICE_ADDRESS_3
Project creation date	#PROJECT_CREATION_DATE
Project modification date	#PROJECT_MODIFICATION_DATE
General data	
Description ¹	#PROJECT_TZ_0_L1
Translatable data 1 ²	#PROJECT_TZ_1_L1
Translatable data 2	#PROJECT_TZ_2_L1
User data 1	#PROJECT_TX_0
User data 2	#PROJECT_TX_1
Properties of Book	
Marks	
Book mark	#BUNDLE_TAG
General Data	
Description	#BUNDLE_TZ_0_L1
Translatable data 1	#BUNDLE_TZ_1_L1
Translatable data 2	#BUNDLE_TZ_2_L1
User data 1	#BUNDLE_TX_0
User data 2	#BUNDLE_TX_1
Revisions ³	
Current index	#REV_NO
Specified index	#REV_NO_0
Creation date	#REV_CREATED_ON_0
Created by	#REV_CREATED_BY_0
Check/Verification date	#REV_VERIF_ON_0
Checked/Verified by	#REV_VERIF_BY_0
Acceptance/Approval/Validation date	#REV_APPROV_ON_0
Accepted/Approved/Validated by	#REV_APPROV_BY_0
Description	#REV_NO_0_TZ_0_L1
User data 1	#REV_NO_0_TX_0
User data 2	#REV_NO_0_TX_1
Translatable data 1	#REV_NO_0_TZ_1_L1
Translatable data 2	#REV_NO_0_TZ_2_L1

Properties of Folder	
Marks	
Folder mark	#FOLDER_TAG
General Data	
Description	#FOLDER_TZ_0_L1
Translatable data 1	#FOLDER_TZ_1_L1
Translatable data 2	#FOLDER_TZ_2_L1
User data 1	#FOLDER_TX_0
User data 2	#FOLDER_TX_1
Properties of Drawing	
Marks	
Drawing mark	#FOLIO_TAG
Next drawing mark	#NEXT_FOLIO_TAG
Previous drawing mark	#PREV_FOLIO_TAG
Mark of the last drawing in the book	#LAST_FOLIO_IN_BUNDLE
Quantities	
Number of drawings in the book	#NB_FOLIO_IN_BUNDLE
Position of drawing in book	#FOLIO_POS
Order number of drawing ⁴	#FOLIO_NO
Scale factor – numerator	#FOLIO_SCALE_NUM
Scale factor – denominator	#FOLIO_SCALE_DEN
General Data	
Description	#FOLIO_TZ_0_L1
Translatable data 1	#FOLIO_TZ_1_L1
Translatable data 2	#FOLIO_TZ_2_L1
User data 1	#FOLIO_TX_0
User data 2	#FOLIO_TX_1
Properties of Drawing Location and Function ⁵	
Marks	
Location mark	#FOLIO_LOC_TAG
Short mark	#FOLIO_LOC_SHORT_TAG
Parent mark	#FOLIO_LOC_PARENT_TAG
General Data	
Description	#FOLIO_LOC_TZ_0_L1
Translatable data 1	#FOLIO_LOC_TZ_1_L1
Translatable data 2	#FOLIO_LOC_TZ_2_L1
User data 1	#FOLIO_LOC_TX_0
User data 2	#FOLIO_LOC_TX_1

Miscellaneous	
SW Electrical version number	#ELVER
Name of software (SOLIDWORKS Electrical)	#APP_NAME
Drawing file name	#NUM_DWG
Column	#COL
Row	#ROW

Notes

- 1 Translatable data attributes can be shown in different languages by editing the "**L1**" suffix of the attribute tag. **L1** refers to Language 1 of the project and can be changed to **L2** to refer to Language 2, and so on. It can also be changed to the language code, e.g. **EN** for English.
- 2 For all types of user and translatable data attributes (including Description), numbers beyond 1 and 2 can be used by changing the relevant number in the attribute tag. E.g. The tag for User data 3 is **..._TX_2** while that for Translatable data 3 is **..._TZ_3_L1**.
- 3 For revision attributes, the index code character (the **0** above) can be replaced by the following codes:

0 : 1st index; **1**: 2nd index...; **-0**: last index; **-1**: second to last index...

 Some of the properties of the **current** revision index can be referenced by removing the index code from the attribute (but keeping the underscore). E.g. **#BUN_REV_CREATED_ON_** gives the creation date of the current index. This does not work for description, user data and translatable data attributes.
- 4 This attribute corresponds to the number of the automatic mark for the drawing, even if a different manual mark has been set.
- 5 The attribute tags for function are the same as those for location but with **LOC** replaced by **FUN**.