Installation Notes X(H)_BMS_Lib

Function block library for burner technology, applicable for gas and oil burners

1 CD CONTENT

Documentation:
- TÜV declaration of conformity.
- TÜV report for European standards.
- TÜV report for US and Canadian standards.
- Manuals of the function blocks in PDF file format and online help.
- Installation notes.

Software:

Depending on the part number the following libraries are included:

- 89 2042570, X(H)_BMS_Gas_Lib
  Function block library for burner technology, applicable for gas burners.

- 89 2042571, X(H)_BMS_Oil_Lib
  Function block library for burner technology, applicable for oil burners.

- 89 2042572, X(H)_BMS_Lib
  Function block library for burner technology, applicable for gas and oil burners.

The libraries contain the following function blocks:

Function block library	89 2042570 X(H)_BMS_Gas_Lib	89 2042571 X(H)_BMS_Oil_Lib	89 2042572 X(H)_BMS_Lib
X(H)_BMS_FARC	X	X	X
X(H)_BMS_Gasburner	X		X
X(H)_BMS_Gasigniter	X	X	X
X(H)_BMS_Igniteburner	X		X
X(H)_BMS_Pressoilburner		X	X
X(H)_BMS_Purge	X	X	X
X(H)_BMS_Steamoilburner		X	X

2 SYSTEM REQUIREMENTS

Library Name	System	Software
H_BMS_Lib	HIQuad	ELOP II V4.1 (Build 6134) IV4 or higher
F_BMS_Lib	HIMatrix	SILworX V3.38.0 or higher
X_BMS_Lib	HIMax	SILworX V3.38.0 or higher

3 INSTALLATION IN SILWORX

Note   Due to a restriction in SILworX V3.38.0, the function blocks can only be used in a project which was created with English language settings.
Please make sure that the project was created according to the following description.

1. Open SILworX.
2. Set language selection to *English*.
   In the menu „Extras/language selection" choose "English".
   Restart SILworX.
3. Create a new Project.
   From the menu select „Project/New".
   Choose project name and path.
4. Copy the archive file according to your system and license to your local computer.
   Ensure that the attribute "read only" is not activated for the archive file.

License	System	Path and File
89 2042570 X(H)_BMS_Gas_Lib	HIMatrix	CD-Root…/HIMatrix/F_BMS_Gas_Lib.A3
89 2042570 X(H)_BMS_Gas_Lib	HIMax	CD-Root…/HIMax/X_BMS_Gas_Lib.A3
89 2042571 X(H)_BMS_Oil_Lib	HIMatrix	CD-Root…/HIMatrix/F_BMS_Oil_Lib.A3
89 2042571 X(H)_BMS_Oil_Lib	HIMax	CD-Root…/HIMax/X_BMS_Oil_Lib.A3
89 2042572 X(H)_BMS_Lib	HIMatrix	CD-Root…/HIMatrix/F_BMS_Lib.A3
89 2042572 X(H)_BMS_Lib	HIMax	CD-Root…/HIMax/X_BMS_Lib.A3

5. Restore the Library
   Choose the „Resource" element in the structure tree of your project.
   Choose „Restore" from the context menu.
   Choose the archive from your local disk.

   The preview dialog will show the contents of the archive. Press **OK** to include the displayed contents into your project.

Result:

The function block library is now part of your project and can be used within the chosen resource. The online documentation can be opened by using "Help" from the context menu of the function blocks in the structure tree.

4 INSTALLATION IN ELOP II

1. Open ELOP II.
2. Create a new *Project*.
   Menu „Project/New".
   Choose project name and path.
3. Create a *Configuration* and *Resource.*
   Choose „Project" in the Project tree.
   Choose "New" from the context menu.
   Choose "Configuration".
   Choose „NewConf" in the Project tree.
   Choose "New" from the context menu.
   Choose "Resource".
4. Restore the Library.
   Choose the „Resource" element in the structure tree of your project.
   Choose „Restore.." from the context menu.

Choose the archive file according your license:

License	System	Path and File
89 2042570 X(H)_BMS_Gas_Lib	HIQuad	CD-Root…/HIQuad/ H_BMS_Gas_Lib.L3L
89 2042571 X(H)_BMS_Oil_Lib	HIQuad	CD-Root…/HIQuad/ H_BMS_Oil_Lib.L3L
89 2042572 X(H)_BMS_Lib	HIQuad	CD-Root…/HIQuad/ H_BMS_Lib.L3L

The preview dialog will show the contents of the archive. Press "Restore" to include the shown contents into your project.

Result:

The function block library is part of your project and can be used within the chosen resource. The PDF documentation is included in the library.

Note: For the use in ELOP II V5.1 the feature logi.LINT must be deactivated.
Choose the „Resource" element in the structure tree of your project.
Choose „Properties" from the context menu.
Choose the register "Code generator" and deactivate "start logi.LINT"

5   LICENSE CONDITIONS

For an unlimited period of time, the customer is granted the non-exclusive right to use the acquired function blocks for programming the Hardware acquired from HIMA; in which each license supplied to the customer shall only be used on one controller/resource at the same time. The amount of used function blocks per controller/resource is not limited.