*LIGO Laboratory / LIGO Scientific Collaboration*

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Template for TwinCAT Library Documentation

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LIGO Scientific Collaboration

This is an internal working note
of the LIGO Laboratory.

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|  |
| --- |
| **Library** |
| Title |  |
| Version |  |
| TwinCAT version |  |
| Name space |  |
| Author |  |
| Description |  |
| Error Code |  |

|  |
| --- |
| **Type**{copy type definition here} |
| Type name |  |
| Description |  |
| Definition |  |
| Element | Name: Type:Description: |
| Element | Name: Type:Description: |
| Element | Name: Type:Description: |

|  |
| --- |
| **Hardware Input Type**{copy type definition here} |
| Type name |  |
| Description |  |
| Definition |  |
| Element | Name: Type:Description: |
| Element | Name: Type:Description: |
| Element | Name: Type:Description: |

|  |
| --- |
| **Hardware Output Type**{copy type definition here} |
| Type name |  |
| Description |  |
| Definition |  |
| Element | Name: Type:Description: |
| Element | Name: Type:Description: |
| Element | Name: Type:Description: |

|  |
| --- |
| **User Interface Type**{copy type definition here} |
| Type name |  |
| Description |  |
| Definition |  |
| Input tags | Name: Type:Description: |
| Input tags | Name: Type:Description: |
| Input tags | Name: Type:Description: |
| Output tags | Name: Type:Description: |
| Output tags | Name: Type:Description: |
| Output tags | Name: Type:Description: |

|  |
| --- |
| **Global variable**{copy variable definition here} |
| Variable name |  |
| Type |  |
| Initialization |  |
| Description |  |

|  |
| --- |
| **Interface**{copy interface definition here} |
| Interface name |  |
| Description |  |
| Method | Name:Description:Return type:Input argument Name: Type: Description:Output argument Name: Type: Description:In/out argument Name: Type: Description: |
| Method | Name:Description:Return type:Input argument Name: Type: Description:Output argument Name: Type: Description:In/out argument Name: Type: Description: |

|  |
| --- |
| **Function**{copy function header here} |
| Name |  |
| Description |  |
| Return type |  |
| Input argument | Name:Type:Description: |
| Input argument | Name:Type:Description: |
| Input argument | Name:Type:Description: |
| Output argument | Name:Type:Description: |
| Output argument | Name:Type:Description: |
| In/out argument | Name:Type:Description: |
| In/out argument | Name:Type:Description: |

|  |
| --- |
| **Function Block**{copy function block header here} |
| Name |  |
| Description |  |
| Parent type |  |
| Interface implementation |  |
| Input argument | Name:Type:Description: |
| Output argument | Name:Type:Description: |
| In/out argument | Name:Type:Description: |
| Method | Name:Description:Return type:Input argument Name: Type: Description:Output argument Name: Type: Description:In/out argument Name: Type: Description: |

|  |
| --- |
| **Visual**{copy screen snapshot here} |
| Name |  |
| Description |  |
| Placeholder | Name:Type:Description: |
| Placeholder | Name:Type:Description: |
| Placeholder | Name:Type:Description: |