

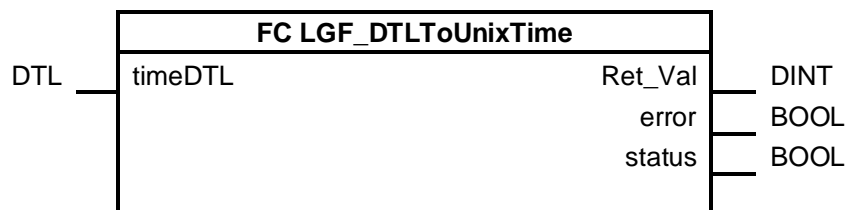
LGF_DTLToUnixTime

Short description

This block converts the date and time of data type DTL to a Unix time of data type DInt. The timestamp is calculated in UTC. This means that the time zone is not taken into account.

Only times after 01/01/1990 are permitted.

Block



Input parameters

| Parameters | Data type | Description |
|------------|-----------|---------------|
| timeDTL | DTL | Date and time |

Output parameters

| Parameters | Data type | Description |
|------------|-----------|--|
| Ret_Val | DINT | Converted Unix time |
| error | BOOL | FALSE: No error TRUE: An error occurred during the execution of the FB. |
| status | WORD | 16#0000-16#7FFF: Status of the FB, 16#8000-16#FFFF: Error identification (see following Table). |

Status and error displays

| Status | Meaning | Remedy |
|---------|---|--------|
| 16#0000 | No error. | - |
| 16#8000 | Unix time (timeUnix) is before 01/01/1990 | - |

Further information on libraries in TIA Portal:

- Topic page libraries
<https://support.industry.siemens.com/cs/ww/en/view/109738702>
- Guideline on Library Handling
<https://support.industry.siemens.com/cs/ww/en/view/109747503>
- Programming Guideline for S7-1200/1500 in chapter "Libraries"
<https://support.industry.siemens.com/cs/ww/en/view/81318674>
- Programming Styleguide
<https://support.industry.siemens.com/cs/ww/en/view/81318674>