

Task1_V15

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|--|-----------|----------------|---------------------|--|--------------------------|---------|----|
| Totally Integrated Automation Portal | | | | | | | |
| Task1_V15 | | | | | | | |
| Project | | | | | | | |
| Name: | Task1_V15 | Creation time: | 2/7/2019 8:23:08 PM | Last change | 5/18/2019 1:22:35 PM | Author: | RV |
| Last modified by: | RV | Version: | | | | | |
| Comment: | | | | | | | |
| Operating system | | | | | | | |
| Name | | | | Description | | | |
| Operating system | | | | Microsoft Windows 8.1 Pro | | | |
| Version of the operating system | | | | 6.3.9600.0 | | | |
| Operating system service pack | | | | | | | |
| Version of the Internet Explorer | | | | 11.0.9600.19236 | | | |
| Computer name | | | | RVHOME | | | |
| User name | | | | RVHOME\RV | | | |
| Installation path of the TIA Portal | | | | D:\Program Files\Siemens\Automation\Portal V15 | | | |
| Components | | | | | | | |
| Name | | | Version | | Release | | |
| TIA Portal Multiuser Server V14 - TIA Portal Multiuser Server Single Setup-Package V14.0 SP1 (MUSERVERV14) | | | V14.0 + SP1 | | V14.00.01.00_12.01.00.01 | | |
| TIA Portal Multiuser Server V15 - TIA Portal Multiuser Server Single Setup-Package V15.0 (MUSERVERV15) | | | V15.0 | | V15.00.00.00_26.01.00.01 | | |
| TIA Administrator - AWB Licensing Module V1.0 (TIAADMIN) | | | V1.0 | | V01.00.00.00_01.25.00.02 | | |
| TIA Administrator - AWB Software Management V1.0 (TIAADMIN) | | | V1.0 | | V01.00.00.00_01.25.00.02 | | |
| TIA Administrator - TIA UMC Agent Configurator Module V1.0 (TIAADMIN) | | | V1.0 | | V01.00.00.00_01.25.00.02 | | |
| TIA Administrator - TIA Administrator V1.0 (TIAADMIN) | | | V1.0 | | V01.00.00.00_01.25.00.02 | | |
| Totally Integrated Automation Portal V15 - TIA Portal Single SetupPackage V15.0 (TIAP15) | | | V15.0 | | V15.00.00.00_26.01.00.01 | | |
| Siemens Totally Integrated Automation Portal V15 - HM All Editions Single SetupPackage V15.0 (TIAP15) | | | V15.0 | | V15.00.00.00_26.01.00.01 | | |
| Siemens Totally Integrated Automation Portal V15 - HM NoBasic Single SetupPackage V15.0 (TIAP15) | | | V15.0 | | V15.00.00.00_26.01.00.01 | | |
| Siemens Totally Integrated Automation Portal V15 - Hardware Support Base Package 0 V15.0 (TIAP15) | | | V15.0 | | V15.00.00.00_01.01.00.02 | | |
| Siemens Totally Integrated Automation Portal V15 - Multiuser Client Single SetupPackage V15.0 (TIAP15) | | | V15.0 | | V15.00.00.00_26.01.00.01 | | |
| Siemens Totally Integrated Automation Portal V15 - STEP 7 Single Setup-Package V15.0 (TIAP15) | | | V15.0 | | V15.00.00.00_26.01.00.01 | | |
| Siemens Totally Integrated Automation Portal V15 - Hardware Support Base Package 02 V15.0 (TIAP15) | | | V15.0 | | V15.00.00.00_01.01.00.02 | | |
| Siemens Totally Integrated Automation Portal V15 - Hardware Support Base Package 03 V15.0 (TIAP15) | | | V15.0 | | V15.00.00.00_01.01.00.02 | | |
| Siemens Totally Integrated Automation Portal V15 - Hardware Support Base Package 04 V15.0 (TIAP15) | | | V15.0 | | V15.00.00.00_01.01.00.02 | | |
| Siemens Totally Integrated Automation Portal V15 - Support Base Package TO-01 V15.0 (TIAP15) | | | V15.0 | | V15.00.00.00_01.01.00.02 | | |
| Siemens Totally Integrated Automation Portal V15 - Support Base Package TO-02 V15.0 (TIAP15) | | | V15.0 | | V15.00.00.00_01.01.00.02 | | |
| Siemens Totally Integrated Automation Portal V15 - Hardware Support Base Package WCF-01 V15.0 (TIAP15) | | | V15.0 | | V15.00.00.00_01.01.00.02 | | |
| Siemens Totally Integrated Automation Portal V15 - TIACOMP CHECK Single SetupPackage V15.0 (TIAP15) | | | V15.0 | | V15.00.00.00_26.01.00.01 | | |
| Siemens Totally Integrated Automation Portal V15 - Simatic Single Setup-Package V15.0 (TIAP15) | | | V15.0 | | V15.00.00.00_26.01.00.01 | | |
| Siemens Totally Integrated Automation Portal V15 - WinCC Single Setup-Package V15.0 (TIAP15) | | | V15.0 | | V15.00.00.00_26.01.00.01 | | |
| Siemens Totally Integrated Automation Portal V15 - Openness SetupPack-age V15.0 (TIAP15) | | | V15.0 | | V15.00.00.00_26.01.00.01 | | |
| Siemens Totally Integrated Automation Portal V15 - WinCC Transfer Current All Single SetupPackage V15.0 (TIAP15) | | | V15.0 | | V15.00.00.00_26.01.00.01 | | |
| Siemens Totally Integrated Automation Portal V15 - WinCC Transfer Current CAP Single SetupPackage V15.0 (TIAP15) | | | V15.0 | | V15.00.00.00_26.01.00.01 | | |
| Siemens Totally Integrated Automation Portal V15 - WinCC Transfer Manda-tory Single SetupPackage V15.0 (TIAP15) | | | V15.0 | | V15.00.00.00_26.01.00.01 | | |
| User Management Component - UserManagementComponentx64 01.9 (UMC64) | | | V01.9 | | V01.09.00.00_04.13.00.03 | | |
| WinCC Runtime Advanced V15.0 - SIMATIC WinCC Runtime Advanced V15.0 (HMIRTM_V11) | | | V15.0 | | V15.00.00.00_26.01.00.01 | | |
| WinCC Runtime Advanced V15.0 - HMIRTM Tagging Package 01 Single Se-tupPackage V15.0 (HMIRTM_V11) | | | V15.0 | | V15.00.00.00_26.01.00.01 | | |
| SIMATIC S7-PLCSIM (S7_PLCSIM_V13) | | | V13.0 + SP1 + Upd1 | | V13.00.01.01_01.75.00.01 | | |
| Siemens Totally Integrated Automation Portal V13 - SIMATIC S7-PLCSIM V13.0 + SP1 + Upd1 (S7_PLCSIM_V13) | | | V13.0 + SP1 + Upd1 | | V13.00.01.01_01.75.00.01 | | |
| Siemens Totally Integrated Automation Portal V15 - Simatic Single Setup-Package 32 Bit V15.0 (TIAP15) | | | V15.0 | | V15.00.00.00_26.01.00.01 | | |
| Siemens Totally Integrated Automation Portal V15 - WinCC Single Setup-Package 32 Bit V15.0 (TIAP15) | | | V15.0 | | V15.00.00.00_26.01.00.01 | | |
| SIMATIC HMI License Manager Panel Plugin (x64) | | | 15.0.0.0 | | V15.00.00.00_26.01.00.01 | | |
| SIMATIC WinCC Runtime Advanced Driver (x64) | | | 15.0.0.0 | | V15.00.00.00_26.01.00.01 | | |
| SIMATIC NCM FWL 64 | | | 5.6.0.3 | | K5.6.0.3_1.1.0.2 | | |
| NCM GPRS 64 | | | 01.02.00.00 | | V1.2.0.0_2.1.0.1 | | |
| SIMATIC PLCSIM 64 | | | 14.00 | | 14.00.00.00_29.01.00.01 | | |
| PlcSimPlus64 | | | 13.01 | | V13.00.01.00_25.01.00.01 | | |
| SIMATIC Device Drivers | | | 9.2 | | 09.02.00.00_01.15.00.04 | | |
| Automation Software Updater | | | 02.03.0000 | | V02.03.00.00_01.01.00.48 | | |
| SIEMENS OPC | | | 3.9 | | 03.09.08.00_01.07.00.01 | | |
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| Totally Integrated Automation Portal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <table><tr><th>Name</th><th>Version</th><th>Release</th></tr><tr><td>SIMATIC HMI ProSave</td><td>15.0.0.0</td><td>V15.00.00.00_26.01.00.01</td></tr><tr><td>SIMATIC HMI Symbol Library</td><td>15.0.0.0</td><td>V15.00.00.00_26.01.00.01</td></tr><tr><td>SIMATIC HMI Touch Input</td><td>15.0.0.0</td><td>V15.00.00.00_26.01.00.01</td></tr><tr><td>SIMATIC Device Drivers WoW</td><td>29.2</td><td>29.02.00.00_01.15.00.04</td></tr><tr><td>SIMATIC Event Database</td><td>5.6</td><td>05.06.00.00_03.01.00.01</td></tr><tr><td>SeCon</td><td>2.5</td><td>V02.05.00.00_01.05.00.04</td></tr><tr><td>WinCC Runtime Advanced Simulator</td><td>15.0.0.0</td><td>V15.00.00.00_26.01.00.01</td></tr></table> | Name | Version | Release | SIMATIC HMI ProSave | 15.0.0.0 | V15.00.00.00_26.01.00.01 | SIMATIC HMI Symbol Library | 15.0.0.0 | V15.00.00.00_26.01.00.01 | SIMATIC HMI Touch Input | 15.0.0.0 | V15.00.00.00_26.01.00.01 | SIMATIC Device Drivers WoW | 29.2 | 29.02.00.00_01.15.00.04 | SIMATIC Event Database | 5.6 | 05.06.00.00_03.01.00.01 | SeCon | 2.5 | V02.05.00.00_01.05.00.04 | WinCC Runtime Advanced Simulator | 15.0.0.0 | V15.00.00.00_26.01.00.01 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name | Version | Release | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIMATIC HMI ProSave | 15.0.0.0 | V15.00.00.00_26.01.00.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIMATIC HMI Symbol Library | 15.0.0.0 | V15.00.00.00_26.01.00.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIMATIC HMI Touch Input | 15.0.0.0 | V15.00.00.00_26.01.00.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIMATIC Device Drivers WoW | 29.2 | 29.02.00.00_01.15.00.04 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIMATIC Event Database | 5.6 | 05.06.00.00_03.01.00.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SeCon | 2.5 | V02.05.00.00_01.05.00.04 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WinCC Runtime Advanced Simulator | 15.0.0.0 | V15.00.00.00_26.01.00.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table><tr><th colspan="3">Products</th></tr><tr><th>Name</th><th>Version</th><th>Release</th></tr><tr><td>TIA Portal Multiuser Server</td><td>V14.0 SP1</td><td>V14.00.01.00_12.01.00.01</td></tr><tr><td>TIA Portal Multiuser Server</td><td>V15.0</td><td>V15.00.00.00_26.01.00.01</td></tr><tr><td>TIA Administrator</td><td>V1.0</td><td>V01.00.00.00_01.00.00.01</td></tr><tr><td>SIMATIC STEP 7 Professional</td><td>V14.0 SP1</td><td>V14.00.01.00_12.01.00.01</td></tr><tr><td>SIMATIC WinCC Basic</td><td>V14.0 SP1</td><td>V14.00.01.00_12.01.00.01</td></tr><tr><td>SIMATIC STEP 7 Professional - WinCC Advanced</td><td>V15.0</td><td>V15.00.00.00_26.01.00.01</td></tr><tr><td>User Management Component x64</td><td>V1.9</td><td>V01.09.00.00_04.12.00.03</td></tr><tr><td>SIMATIC WinCC Runtime Advanced Simulation</td><td>V15.0</td><td>V15.00.00.00_26.01.00.01</td></tr><tr><td>SIMATIC S7-PLCSIM</td><td>V13.0 SP1 Upd1</td><td>V13.00.01.01_01.75.00.01</td></tr><tr><td>SIMATIC STEP 7 Professional</td><td>V13.0 SP1</td><td>V13.00.01.00_25.01.00.01</td></tr><tr><td>SIMATIC WinCC Basic</td><td>V13.0 SP1</td><td>V13.00.01.00_25.01.00.01</td></tr><tr><td>Automation License Manager</td><td>V6.0</td><td>06.00.00.00_01.22.00.08</td></tr><tr><td>S7-PLCSIM</td><td>V5.4 + SP7</td><td>V05.04.07.00_01.44.00.01</td></tr><tr><td>SIMATIC ProSave</td><td>V15.0</td><td>V15.00.00.00_26.01.00.01</td></tr></table> | Products | | | Name | Version | Release | TIA Portal Multiuser Server | V14.0 SP1 | V14.00.01.00_12.01.00.01 | TIA Portal Multiuser Server | V15.0 | V15.00.00.00_26.01.00.01 | TIA Administrator | V1.0 | V01.00.00.00_01.00.00.01 | SIMATIC STEP 7 Professional | V14.0 SP1 | V14.00.01.00_12.01.00.01 | SIMATIC WinCC Basic | V14.0 SP1 | V14.00.01.00_12.01.00.01 | SIMATIC STEP 7 Professional - WinCC Advanced | V15.0 | V15.00.00.00_26.01.00.01 | User Management Component x64 | V1.9 | V01.09.00.00_04.12.00.03 | SIMATIC WinCC Runtime Advanced Simulation | V15.0 | V15.00.00.00_26.01.00.01 | SIMATIC S7-PLCSIM | V13.0 SP1 Upd1 | V13.00.01.01_01.75.00.01 | SIMATIC STEP 7 Professional | V13.0 SP1 | V13.00.01.00_25.01.00.01 | SIMATIC WinCC Basic | V13.0 SP1 | V13.00.01.00_25.01.00.01 | Automation License Manager | V6.0 | 06.00.00.00_01.22.00.08 | S7-PLCSIM | V5.4 + SP7 | V05.04.07.00_01.44.00.01 | SIMATIC ProSave | V15.0 | V15.00.00.00_26.01.00.01 | | |
| Products | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name | Version | Release | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TIA Portal Multiuser Server | V14.0 SP1 | V14.00.01.00_12.01.00.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TIA Portal Multiuser Server | V15.0 | V15.00.00.00_26.01.00.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TIA Administrator | V1.0 | V01.00.00.00_01.00.00.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIMATIC STEP 7 Professional | V14.0 SP1 | V14.00.01.00_12.01.00.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIMATIC WinCC Basic | V14.0 SP1 | V14.00.01.00_12.01.00.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIMATIC STEP 7 Professional - WinCC Advanced | V15.0 | V15.00.00.00_26.01.00.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| User Management Component x64 | V1.9 | V01.09.00.00_04.12.00.03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIMATIC WinCC Runtime Advanced Simulation | V15.0 | V15.00.00.00_26.01.00.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIMATIC S7-PLCSIM | V13.0 SP1 Upd1 | V13.00.01.01_01.75.00.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIMATIC STEP 7 Professional | V13.0 SP1 | V13.00.01.00_25.01.00.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIMATIC WinCC Basic | V13.0 SP1 | V13.00.01.00_25.01.00.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Automation License Manager | V6.0 | 06.00.00.00_01.22.00.08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S7-PLCSIM | V5.4 + SP7 | V05.04.07.00_01.44.00.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIMATIC ProSave | V15.0 | V15.00.00.00_26.01.00.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Totally Integrated Automation Portal | | | | | | |
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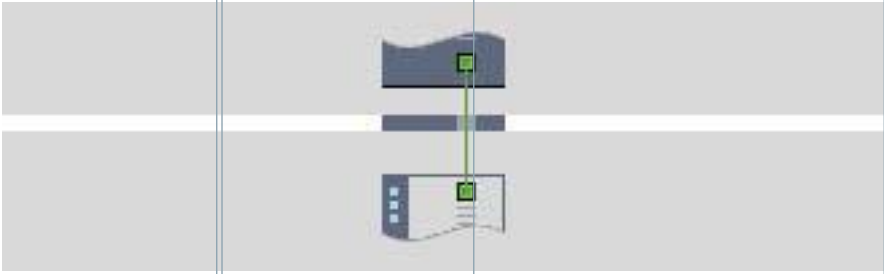
Task1_V15

PLC_1 [CPU 1212C AC/DC/Rly]

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|---|--|---|---|-----------------------|-------------------------|
| PLC_1 | | | | | |
| General\Project information | | | | | |
| Name | PLC_1 | Author | RV | Comment | |
| Slot | 1 | Rack | 0 | | |
| General\Catalog information | | | | | |
| Short designation | CPU 1212C AC/DC/Rly | Description | Work memory 75 KB; 120/240VAC power supply with DI8 x 24VDC SINK/ SOURCE, DQ6 x relay and AI2 on board; 4 high-speed counters (expandable with digital signal board) and 4 pulse outputs on board; signal board expands on-board I/O; up to 3 communication modules for serial communication; up to 2 signal modules for I/O expansion; 0.04 ms/1000 instructions; PROFINET interface for programming, HMI and PLC to PLC communication | Article number | 6ES7 212-1BE40-0XB0 |
| Firmware version | V4.1 | | | | |
| General\Identification & Maintenance | | | | | |
| Plant designation | | Location identifier | | Installation date | 2019-02-07 20:23:25.154 |
| Additional information | | | | | |
| PROFINET interface [X1]\General | | | | | |
| Name | PROFINET interface_1 | Author | RV | Comment | |
| PROFINET interface [X1]\General\Project information | | | | | |
| Name | DI 8/DQ 6_1 | Comment | | Name | AI 2_1 |
| Comment | | | | | |
| PROFINET interface [X1]\Ethernet addresses\Interface networked with | | | | | |
| Subnet: | PN/IE_1 | | | | |
| PROFINET interface [X1]\Ethernet addresses\IP protocol | | | | | |
| IP configuration | Set IP address in the project | IP address: | 192.168.1.100 | Subnet mask: | 255.255.255.0 |
| Use router | False | | | | |
| PROFINET interface [X1]\Ethernet addresses\PROFINET | | | | | |
| PROFINET device name is set directly at the device | False | Generate PROFINET device name automatically | True | PROFINET device name: | plc_1 |
| Converted name: | plcxb1d0ed | Device number: | 0 | | |
| PROFINET interface [X1]\Time synchronization | | | | | |
| Enable time synchronization via NTP server | Enable time synchronization via NTP server | | IP addresses | Server 1 | 0.0.0.0 |
| Server 2 | 0.0.0.0 | Server 3 | 0.0.0.0 | Server 4 | 0.0.0.0 |
| Update interval | 10sec | | | | |
| PROFINET interface [X1]\Digital inputs\Channel0 | | | | | |
| Channel address | I0.0 | Input filters | 6.4 millisec | Enable pulse catch | 0 |
| PROFINET interface [X1]\Digital inputs\Channel0\ | | | | | |
| Enable rising edge detection | 0 | RidPrefixRisingEdgeEvent | 49152 | Event name: | 0 |
| Hardware interrupt: | 0 | Rising edge0 | Rising edge0 | | |
| PROFINET interface [X1]\Digital inputs\Channel0\ | | | | | |
| Enable falling edge detection | 0 | RidPrefixFallingEdgeEvent | 49280 | Event name: | 0 |
| Hardware interrupt: | 0 | Falling edge0 | Falling edge0 | | |
| PROFINET interface [X1]\Digital inputs\Channel1 | | | | | |
| Channel address | I0.1 | Input filters | 6.4 millisec | Enable pulse catch | 0 |
| PROFINET interface [X1]\Digital inputs\Channel1\ | | | | | |
| Enable rising edge detection | 0 | RidPrefixRisingEdgeEvent | 49153 | Event name: | 0 |
| Hardware interrupt: | 0 | Rising edge1 | Rising edge1 | | |
| PROFINET interface [X1]\Digital inputs\Channel1\ | | | | | |
| Enable falling edge detection | 0 | RidPrefixFallingEdgeEvent | 49281 | Event name: | 0 |
| Hardware interrupt: | 0 | Falling edge1 | Falling edge1 | | |
| PROFINET interface [X1]\Digital inputs\Channel2 | | | | | |
| Channel address | I0.2 | Input filters | 6.4 millisec | Enable pulse catch | 0 |
| PROFINET interface [X1]\Digital inputs\Channel2\ | | | | | |
| Enable rising edge detection | 0 | RidPrefixRisingEdgeEvent | 49154 | Event name: | 0 |
| Hardware interrupt: | 0 | Rising edge2 | Rising edge2 | | |
| PROFINET interface [X1]\Digital inputs\Channel2\ | | | | | |
| Enable falling edge detection | 0 | RidPrefixFallingEdgeEvent | 49282 | Event name: | 0 |
| Hardware interrupt: | 0 | Falling edge2 | Falling edge2 | | |
| PROFINET interface [X1]\Digital inputs\Channel3 | | | | | |
| Channel address | I0.3 | Input filters | 6.4 millisec | Enable pulse catch | 0 |
| PROFINET interface [X1]\Digital inputs\Channel3\ | | | | | |
| Enable rising edge detection | 0 | RidPrefixRisingEdgeEvent | 49155 | Event name: | 0 |
| Hardware interrupt: | 0 | Rising edge3 | Rising edge3 | | |
| PROFINET interface [X1]\Digital inputs\Channel3\ | | | | | |
| Enable falling edge detection | 0 | RidPrefixFallingEdgeEvent | 49283 | Event name: | 0 |
| Hardware interrupt: | 0 | Falling edge3 | Falling edge3 | | |

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| Totally Integrated Automation Portal | | | | | | |
| PROFINET interface [X1]\Digital inputs\Channel4 | | | | | | |
| Channel address | I0.4 | Input filters | 6.4 millise | Enable pulse catch | 0 | |
| PROFINET interface [X1]\Digital inputs\Channel4\ | | | | | | |
| Enable rising edge detection | 0 | RidPrefixRisingEdgeEvent | 49156 | Event name: | 0 | |
| Hardware interrupt: | 0 | Rising edge4 | Rising edge4 | | | |
| PROFINET interface [X1]\Digital inputs\Channel4\ | | | | | | |
| Enable falling edge detection | 0 | RidPrefixFallingEdgeEvent | 49284 | Event name: | 0 | |
| Hardware interrupt: | 0 | Falling edge4 | Falling edge4 | | | |
| PROFINET interface [X1]\Digital inputs\Channel5 | | | | | | |
| Channel address | I0.5 | Input filters | 6.4 millise | Enable pulse catch | 0 | |
| PROFINET interface [X1]\Digital inputs\Channel5\ | | | | | | |
| Enable rising edge detection | 0 | RidPrefixRisingEdgeEvent | 49157 | Event name: | 0 | |
| Hardware interrupt: | 0 | Rising edge5 | Rising edge5 | | | |
| PROFINET interface [X1]\Digital inputs\Channel5\ | | | | | | |
| Enable falling edge detection | 0 | RidPrefixFallingEdgeEvent | 49285 | Event name: | 0 | |
| Hardware interrupt: | 0 | Falling edge5 | Falling edge5 | | | |
| PROFINET interface [X1]\Digital inputs\Channel6 | | | | | | |
| Channel address | I0.6 | Input filters | 6.4 millise | Enable pulse catch | 0 | |
| PROFINET interface [X1]\Digital inputs\Channel6\ | | | | | | |
| Enable rising edge detection | 0 | RidPrefixRisingEdgeEvent | 49158 | Event name: | 0 | |
| Hardware interrupt: | 0 | Rising edge6 | Rising edge6 | | | |
| PROFINET interface [X1]\Digital inputs\Channel6\ | | | | | | |
| Enable falling edge detection | 0 | RidPrefixFallingEdgeEvent | 49286 | Event name: | 0 | |
| Hardware interrupt: | 0 | Falling edge6 | Falling edge6 | | | |
| PROFINET interface [X1]\Digital inputs\Channel7 | | | | | | |
| Channel address | I0.7 | Input filters | 6.4 millise | Enable pulse catch | 0 | |
| PROFINET interface [X1]\Digital inputs\Channel7\ | | | | | | |
| Enable rising edge detection | 0 | RidPrefixRisingEdgeEvent | 49159 | Event name: | 0 | |
| Hardware interrupt: | 0 | Rising edge7 | Rising edge7 | | | |
| PROFINET interface [X1]\Digital inputs\Channel7\ | | | | | | |
| Enable falling edge detection | 0 | RidPrefixFallingEdgeEvent | 49287 | Event name: | 0 | |
| Hardware interrupt: | 0 | Falling edge7 | Falling edge7 | | | |
| PROFINET interface [X1]\Analog inputs\Noise reduction | | | | | | |
| Integration time | 50 Hz (20 ms) | | | | | |
| PROFINET interface [X1]\Analog inputs\Channel0 | | | | | | |
| Channel address | IW64 | Measurement type | Voltage | Voltage range | 0..10 V | |
| Smoothing | Weak (4 cycles) | | | Enable overflow diagnostics | 1 | |
| PROFINET interface [X1]\Analog inputs\Channel1 | | | | | | |
| Channel address | IW66 | Measurement type | Voltage | Voltage range | 0..10 V | |
| Smoothing | Weak (4 cycles) | | | Enable overflow diagnostics | 1 | |
| PROFINET interface [X1]\Digital outputs | | | | | | |
| Reaction to CPU STOP | Use substitute value | | | | | |
| PROFINET interface [X1]\Digital outputs\Channel0 | | | | | | |
| Channel address | Q0.0 | Substitute a value of 1 on a change from RUN to STOP. | 0 | | | |
| PROFINET interface [X1]\Digital outputs\Channel1 | | | | | | |
| Channel address | Q0.1 | Substitute a value of 1 on a change from RUN to STOP. | 0 | | | |
| PROFINET interface [X1]\Digital outputs\Channel2 | | | | | | |
| Channel address | Q0.2 | Substitute a value of 1 on a change from RUN to STOP. | 0 | | | |
| PROFINET interface [X1]\Digital outputs\Channel3 | | | | | | |
| Channel address | Q0.3 | Substitute a value of 1 on a change from RUN to STOP. | 0 | | | |
| PROFINET interface [X1]\Digital outputs\Channel4 | | | | | | |
| Channel address | Q0.4 | Substitute a value of 1 on a change from RUN to STOP. | 0 | | | |
| PROFINET interface [X1]\Digital outputs\Channel5 | | | | | | |
| Channel address | Q0.5 | Substitute a value of 1 on a change from RUN to STOP. | 0 | | | |
| PROFINET interface [X1]\Operating mode | | | | | | |
| IO controller | True | IO system | PROFINET IO-System (100) | Device number | 0 | |
| IO device | False | | | | | |
| PROFINET interface [X1]\I/O addresses\Input addresses | | | | | | |
| Start address | 0.0 | End address | 0.7 | Organization block | 0 | |
| Process image | 0 | | | | | |
| PROFINET interface [X1]\I/O addresses\Input addresses | | | | | | |
| Start address | 64 | End address | 67 | Organization block | 0 | |
| Process image | 0 | | | | | |
| PROFINET interface [X1]\I/O addresses\Output addresses | | | | | | |
| Start address | 0.0 | End address | 0.7 | Organization block | 0 | |
| Process image | 0 | | | | | |
| | | | | | | |
| | | | | | | |

| | | | | | | |
|--|---|--|------------------------------|---|---------------------|--|
| Totally Integrated Automation Portal | | | | | | |
| PROFINET interface [X1]\Advanced options\Interface options | | | | | | |
| Support device re- placement without exchangeable medi- um | True | Permit overwriting of device names of all assigned IO devices | False | Use IEC V2.2 LLDP mode | False | |
| Keep-Alive connec- tion monitoring | 30s | | | | | |
| PROFINET interface [X1]\Advanced options\Real time settings\IO communication | | | | | | |
| Send clock: | 1.000ms | | | | | |
| PROFINET interface [X1]\Advanced options\Real time settings\Real time options | | | | | | |
| Calculated bandwidth for cyclic IO data: | 0.008ms | Calculated bandwidth for cyclic IO data: | 0.792% | | | |
| PROFINET interface [X1]\Advanced options\Port [X1 P1]\General | | | | | | |
| Name | Port_1 | Author | RV | Comment | | |
| PROFINET interface [X1]\Advanced options\Port [X1 P1]\Port interconnection\Local port: | | | | | | |
| Local port: | PLC_1\PROFINET interface_1 [X1]\Port_1 [X1 P1] | Medium: | Copper | Cable name: | --- | |
| | |  | | | | |
| PROFINET interface [X1]\Advanced options\Port [X1 P1]\Port interconnection\Partner port: | | | | | | |
| | Monitoring of partner port is not pos- sible | Partner port: | Any partner | | | |
| PROFINET interface [X1]\Advanced options\Port [X1 P1]\Port options\Activate | | | | | | |
| Activate this port for use | True | | | | | |
| PROFINET interface [X1]\Advanced options\Port [X1 P1]\Port options\Connection | | | | | | |
| Transmission rate / duplex: | Automatic | Monitor | False | Enable autonegotia- tion | True | |
| PROFINET interface [X1]\Advanced options\Port [X1 P1]\Port options\Boundaries | | | | | | |
| End of detection of accessible devices | False | End of topology dis- covery | False | End of the sync do- main | False | |
| PROFINET interface [X1]\Web server access | | | | | | |
| Enable Web server us- ing this interface | False | The Web server must also be activated in the properties of the PLC. | | | | |
| High speed counters (HSC)\HSC1\General\Enable | | | | | | |
| Enable this high speed counter | 0 | Enable this high speed counter | 0 | Enable this high speed counter | 0 | |
| Enable this high speed counter | 0 | Enable this high speed counter | 0 | Enable this high speed counter | 0 | |
| High speed counters (HSC)\HSC1\General\Project information | | | | | | |
| Name | HSC_1 | Comment | | Name | HSC_2 | |
| Comment | | Name | HSC_3 | Comment | | |
| Name | HSC_4 | Comment | | Name | HSC_5 | |
| Comment | | Name | HSC_6 | Comment | | |
| High speed counters (HSC)\HSC1\I/O addresses\Input addresses | | | | | | |
| Start address | 1000.0 | End address | 1003.7 | Start address | 1004.0 | |
| End address | 1007.7 | Organization block | 0 | Start address | 1008.0 | |
| End address | 1011.7 | Organization block | 0 | Process image | 0 | |
| Start address | 1012.0 | End address | 1015.7 | Organization block | 0 | |
| Process image | 0 | Start address | 1016.0 | End address | 1019.7 | |
| Organization block | 0 | Process image | 0 | Start address | 1020.0 | |
| End address | 1023.7 | Organization block | 0 | Process image | 0 | |
| Organization block | 0 | Process image | 0 | Process image | 0 | |
| Pulse generators (PTO/PWM)\PTO1/PWM1\General\Enable | | | | | | |
| Enable this pulse gen- erator | 0 | Enable this pulse gen- erator | 0 | | | |
| Pulse generators (PTO/PWM)\PTO1/PWM1\General\Project information | | | | | | |
| Name | Pulse_1 | Comment | | Name | Pulse_2 | |
| Comment | | | | | | |
| Pulse generators (PTO/PWM)\PTO1/PWM1\I/O addresses\Output addresses | | | | | | |
| Start address | 1000.0 | End address | 1001.7 | Start address | 1002.0 | |
| End address | 1003.7 | Organization block | 0 | Organization block | 0 | |
| Process image | 0 | Process image | 0 | | | |
| Startup | | | | | | |
| Startup after POWER ON | Warm restart - mode before POWER OFF | Comparison preset to actual configuration | Startup CPU even if mismatch | Configuration time | 60000ms | |
| OBs should be inter- ruptible | 1 | | | | | |
| Cycle | | | | | | |
| Cycle monitoring time | 150ms | | | Enable minimum cy- cle time for cyclic OBs | 0 | |
| Minimum cycle time | 1ms | | | | | |
| Communication load | | | | | | |
| Cycle load due to communication | 20% | | | | | |
| System and clock memory\System memory bits | | | | | | |
| Enable the use of sys- tem memory byte | 1 | Address of system memory byte (MBx) | 1 | First cycle | %M1.0 (FirstScan) | |
| Diagnostic status changed | %M1.1 (DiagStatusUpdate) | Always 1 (high) | %M1.2 (AlwaysTRUE) | Always 0 (low) | %M1.3 (AlwaysFALSE) | |
| | | | | | | |

| | | | | | | | |
|---|--|--|--|---|-----------------------|--|--|
| Totally Integrated Automation Portal | | | | | | | |
| System and clock memory\Clock memory bits | | | | | | | |
| Enable the use of clock memory byte | 1 | Address of clock memory byte (MBx) | 0 | 10 Hz clock | %M0.0 | | |
| 5 Hz clock | %M0.1 (Clock_5Hz) | 2.5 Hz clock | %M0.2 (Clock_2.5Hz) | 2 Hz clock | %M0.3 (Clock_2Hz) | | |
| 1.25 Hz clock | %M0.4 (Clock_1.25Hz) | 1 Hz clock | %M0.5 (Clock_1Hz) | 0.625 Hz clock | %M0.6 (Clock_0.625Hz) | | |
| 0.5 Hz clock | %M0.7 (Clock_0.5Hz) | | | | | | |
| Web server\General | | | | | | | |
| Activate Web server on all modules of this device | False | Permit access only with HTTPS | True | | | | |
| Web server\Automatic update | | | | | | | |
| Enable automatic update | True | Update interval | 0s | | | | |
| Web server\User interface languages | | | | | | | |
| Assign project language | | | | User interface languages | | | |
| English (United States) | | | | German | | | |
| English (United States) | | | | English | | | |
| English (United States) | | | | French | | | |
| English (United States) | | | | Spanish | | | |
| English (United States) | | | | Italian | | | |
| English (United States) | | | | Chinese (simplified) | | | |
| Web server\User management | | | | | | | |
| User name | | | | User rights | | | |
| Everybody | | | | | | | |
| Web server\User defined web pages | | | | | | | |
| Application name | HTML source path | Default HTML page | Files with dynamic content | Web DB number | Fragment DB number | | |
| | | index.htm | .htm; .html | 333 | 334 | | |
| Web server\Overview of interfaces | | | | | | | |
| Device | | Interface | | Enabled web server access | | | |
| PLC_1 | | PROFINET interface_1 | | False | | | |
| User interface languages | | | | | | | |
| Assign project language | | | | User interface languages | | | |
| English (United States) | | | | German | | | |
| English (United States) | | | | English | | | |
| English (United States) | | | | French | | | |
| English (United States) | | | | Spanish | | | |
| English (United States) | | | | Italian | | | |
| English (United States) | | | | Chinese (simplified) | | | |
| Time of day\Local time | | | | | | | |
| Time zone | (UTC +01:00) Berlin, Bern, Brussels, Rome, Stockholm, Vienna | | | | | | |
| Time of day\Daylight saving time | | | | | | | |
| Activate daylight saving time | 1 | Difference between standard and daylight saving time | 60mins | | | | |
| Time of day\Daylight saving time\Start of daylight saving time | | | | | | | |
| Starting week of the month: | Last | | Sunday | of | March | | |
| at | 01:00 a.m. | | | | | | |
| Time of day\Daylight saving time\Start of standard time | | | | | | | |
| | Last | | Sunday | of | October | | |
| at | 02:00 a.m. | | | | | | |
| Protection & Security | | | | | | | |
| Level of protection | No protection | | | | | | |
| Protection & Security\Connection mechanisms | | | | | | | |
| Permit access with PUT/GET communication from remote partner | True | | | | | | |
| Configuration control\Configuration control for central configuration | | | | | | | |
| Allow to reconfigure the device via the user program | 0 | | | | | | |
| Connection resources\ | | | | | | | |
| | Station resources - Reserved - Maximum | Station resources - Reserved - Configured | Station resources - Dynamic - Configured | Module resources - PLC_1 [CPU 1212C AC/DC/Rly] - Configured | | | |
| Maximum number of resources: | | 62 | 6 | 68 | | | |
| | Maximum | Configured | Configured | Configured | | | |
| PG communication: | 4 | - | - | - | | | |
| HMI communication: | 12 | 1 | 0 | 1 | | | |
| S7 communication: | 8 | 0 | 0 | 0 | | | |
| Open user communication: | 8 | 0 | 0 | 0 | | | |
| Web communication: | 30 | - | - | - | | | |
| Other communication: | - | - | 0 | 0 | | | |
| Total resources used: | | 1 | 0 | 1 | | | |
| Available resources: | | 61 | 6 | 67 | | | |
| Overview of addresses\Overview of addresses\Overview of addresses | | | | | | | |
| Inputs | True | Outputs | True | Address gaps | False | | |
| Slot | True | | | | | | |

| Totally Integrated Automation Portal | | | | | | | | | | | |
|--------------------------------------|------------|----------|---------------------------------|------------------|-----------------------------|---------------|----------|--------------------------|------|------|--|
| Type | Addr. from | Addr. to | Module | PIP | Device name | Device number | Size | Master / IO system | Rack | Slot | |
| I | 0 | 0 | DI 8/DQ 6_1 | Automatic update | PLC_1 [CPU 1212C AC/DC/Rly] | - | 1 Bytes | - | 0 | 1 1 | |
| O | 0 | 0 | DI 8/DQ 6_1 | Automatic update | PLC_1 [CPU 1212C AC/DC/Rly] | - | 1 Bytes | - | 0 | 1 1 | |
| I | 64 | 67 | AI 2_1 | Automatic update | PLC_1 [CPU 1212C AC/DC/Rly] | - | 4 Bytes | - | 0 | 1 2 | |
| I | 1000 | 1003 | HSC_1 | Automatic update | PLC_1 [CPU 1212C AC/DC/Rly] | - | 4 Bytes | - | 0 | 1 16 | |
| I | 1004 | 1007 | HSC_2 | Automatic update | PLC_1 [CPU 1212C AC/DC/Rly] | - | 4 Bytes | - | 0 | 1 17 | |
| I | 1008 | 1011 | HSC_3 | Automatic update | PLC_1 [CPU 1212C AC/DC/Rly] | - | 4 Bytes | - | 0 | 1 18 | |
| I | 1012 | 1015 | HSC_4 | Automatic update | PLC_1 [CPU 1212C AC/DC/Rly] | - | 4 Bytes | - | 0 | 1 19 | |
| I | 1016 | 1019 | HSC_5 | Automatic update | PLC_1 [CPU 1212C AC/DC/Rly] | - | 4 Bytes | - | 0 | 1 20 | |
| I | 1020 | 1023 | HSC_6 | Automatic update | PLC_1 [CPU 1212C AC/DC/Rly] | - | 4 Bytes | - | 0 | 1 21 | |
| O | 1000 | 1001 | Pulse_1 | Automatic update | PLC_1 [CPU 1212C AC/DC/Rly] | - | 2 Bytes | - | 0 | 1 32 | |
| O | 1002 | 1003 | Pulse_2 | Automatic update | PLC_1 [CPU 1212C AC/DC/Rly] | - | 2 Bytes | - | 0 | 1 33 | |
| O | 1004 | 1005 | Pulse_3 | Automatic update | PLC_1 [CPU 1212C AC/DC/Rly] | - | 2 Bytes | - | 0 | 1 34 | |
| O | 1006 | 1007 | Pulse_4 | Automatic update | PLC_1 [CPU 1212C AC/DC/Rly] | - | 2 Bytes | - | 0 | 1 35 | |
| O | 9 | 9 | Transfer area_1 | Automatic update | PLC_2 [CPU 1212C AC/DC/Rly] | 1 | 1 Bytes | PROFINET IO-System [100] | 0 | 1 X1 | |
| I | 1 | 1 | IO-Link Out 8 Byte + PQI | Automatic update | AL1100 [AL1100] | 2 | 1 Bytes | PROFINET IO-System [100] | 0 | 1 2 | |
| O | 1 | 8 | IO-Link Out 8 Byte + PQI | Automatic update | AL1100 [AL1100] | 2 | 8 Bytes | PROFINET IO-System [100] | 0 | 1 2 | |
| I | 68 | 100 | IO-Link In/Out 32/32 Byte + PQI | Automatic update | AL1100 [AL1100] | 2 | 33 Bytes | PROFINET IO-System [100] | 0 | 1 3 | |
| O | 64 | 95 | IO-Link In/Out 32/32 Byte + PQI | Automatic update | AL1100 [AL1100] | 2 | 32 Bytes | PROFINET IO-System [100] | 0 | 1 3 | |
| | | | | | | | | | | | |

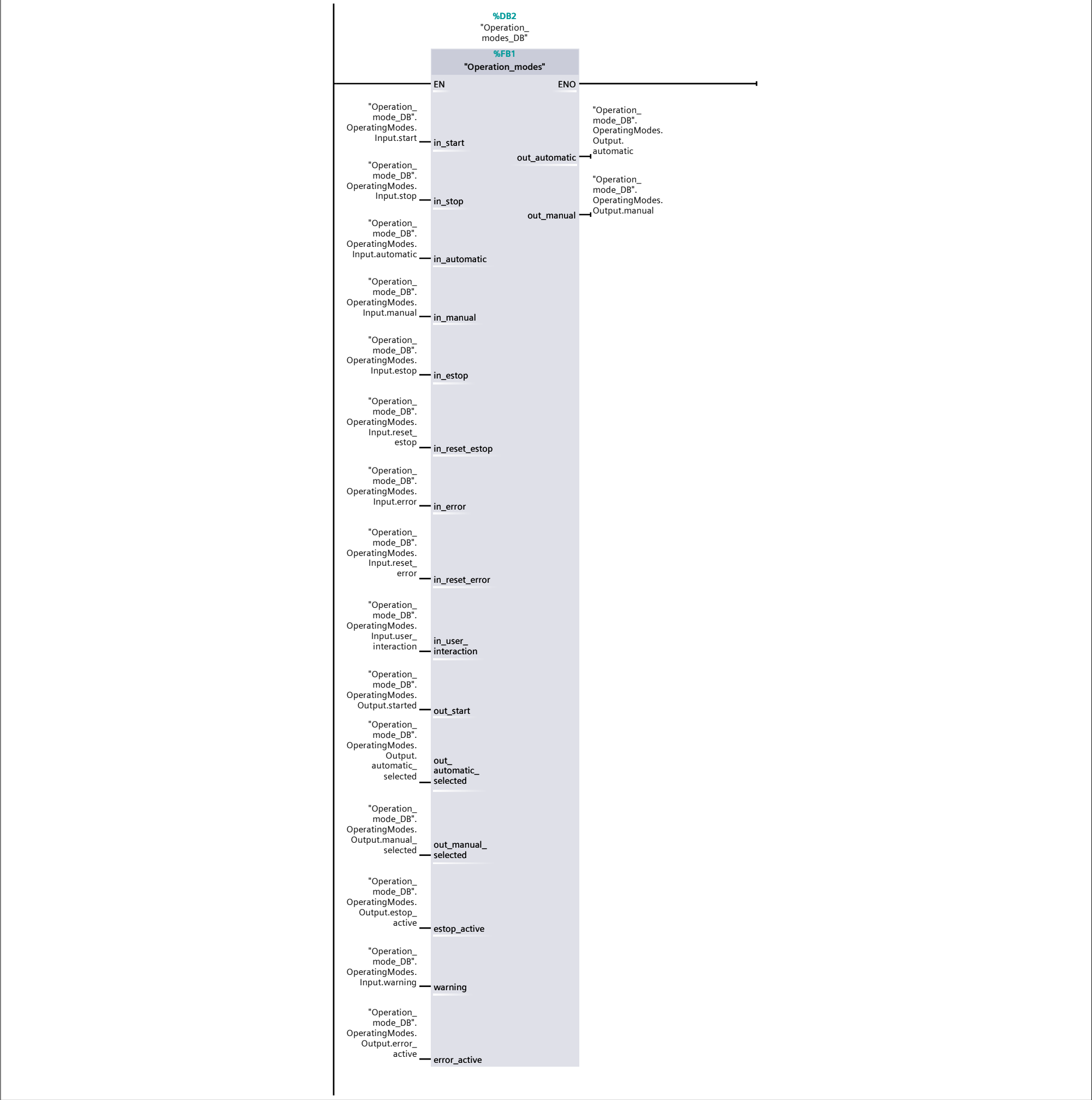
Task1_V15 / PLC_1 [CPU 1212C AC/DC/Rly] / Program blocks

Main [OB1]

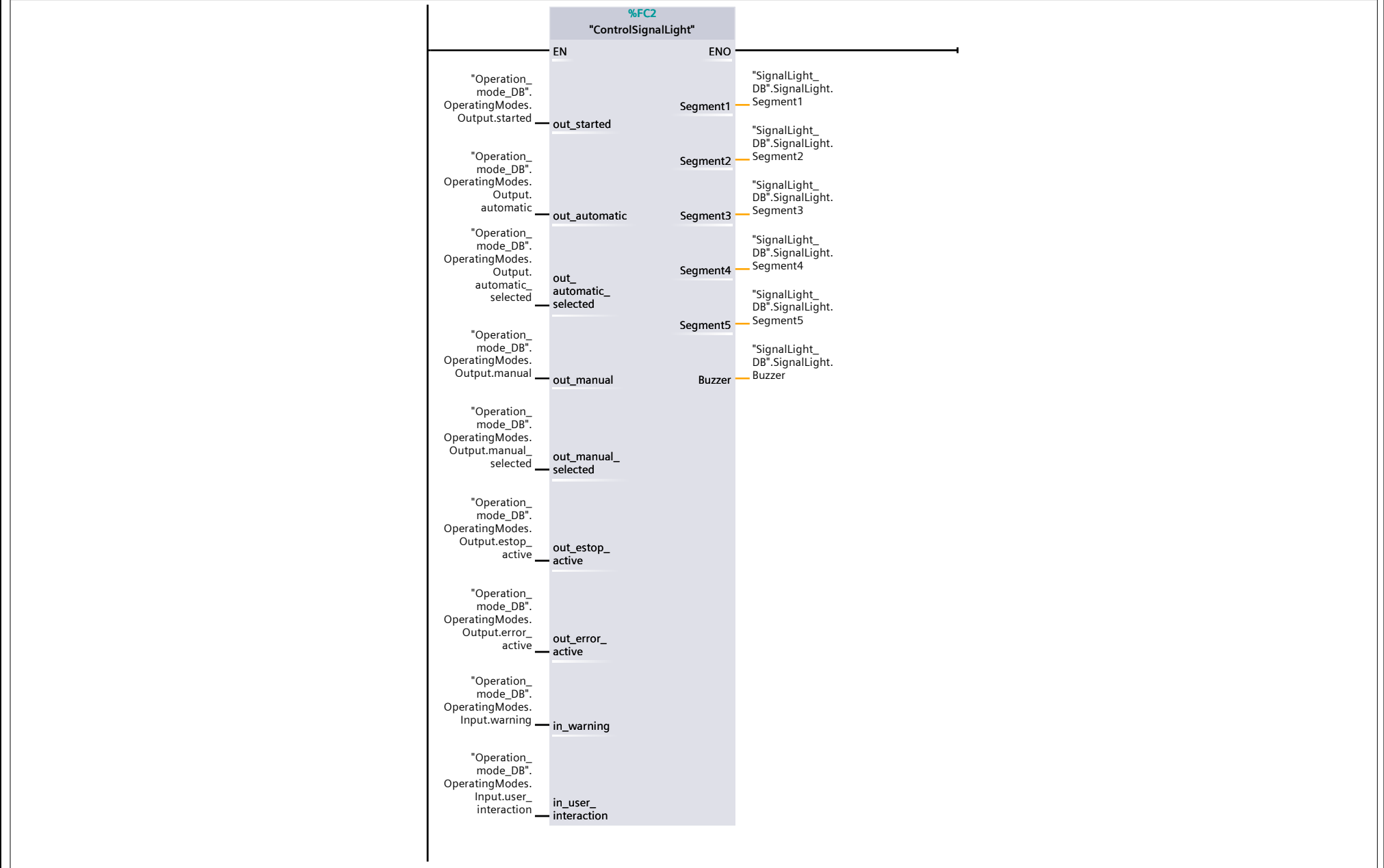
| Main Properties | | | | | | | |
|-----------------|------------------------------|-----------------|---|---------|----|----------|-----|
| General | | | | | | | |
| Name | Main | Number | 1 | Type | OB | Language | LAD |
| Numbering | Automatic | | | | | | |
| Information | | | | | | | |
| Title | "Main Program Sweep (Cycle)" | Author | | Comment | | Family | |
| Version | 0.1 | User-defined ID | | | | | |

| Name | Data type | Default value | Comment |
|--------------|-----------|---------------|---------------------------------------|
| ▼ Input | | | |
| Initial_Call | Bool | | Initial call of this OB |
| Remanence | Bool | | =True, if remanent data are available |
| Temp | | | |
| Constant | | | |

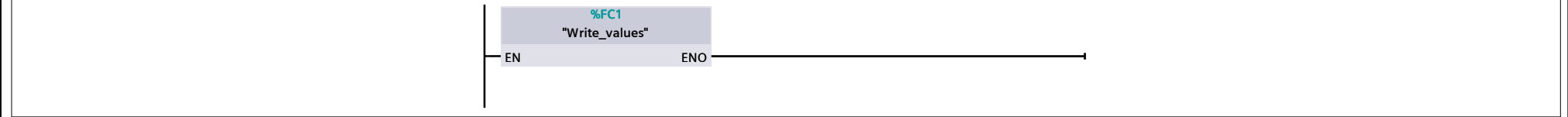
Network 1: Operation mode



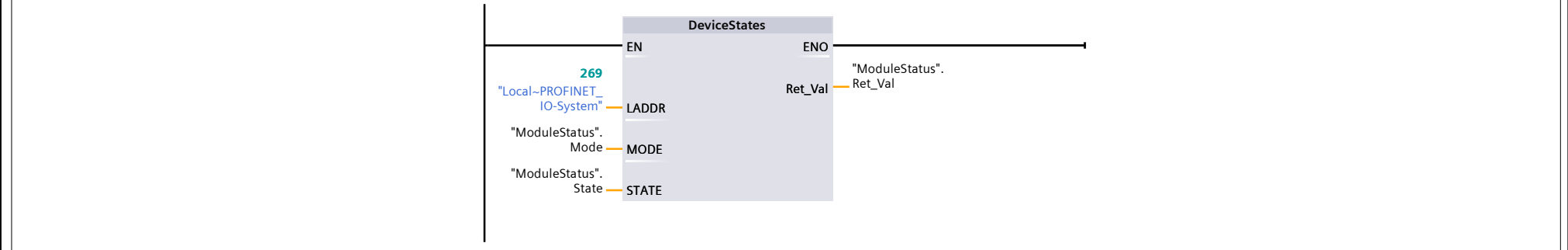
Network 2: Signal Light control



Network 3: Writing values to SignalLight



Network 4: Getting PROFINET device status



Totally Integrated Automation Portal

Task1_V15 / PLC_1 [CPU 1212C AC/DC/Rly] / Program blocks

SignalLight_DB [DB1]

SignalLight_DB Properties

General

| | | | | | | | |
|-----------|----------------|--------|---|------|----|----------|----|
| Name | SignalLight_DB | Number | 1 | Type | DB | Language | DB |
| Numbering | Automatic | | | | | | |

Information

| | | | | | | | |
|---------|-----|-----------------|--|---------|--|--------|--|
| Title | | Author | | Comment | | Family | |
| Version | 0.1 | User-defined ID | | | | | |

| Name | Data type | Start value | Retain | Accessible from HMI/OPC UA | Writ-able from HMI/OPC UA | Visible in HMI engi-neering | Setpoint | Supervi-sion | Comment |
|---------------|---------------|-------------|--------|----------------------------|---------------------------|-----------------------------|----------|--------------|---------|
| ▼ Static | | | | | | | | | |
| ▼ SignalLight | "SignalLight" | | False | True | True | True | False | | |
| Segment1 | Byte | 16#0 | False | True | True | True | False | | |
| Segment2 | Byte | 16#0 | False | True | True | True | False | | |
| Segment3 | Byte | 16#0 | False | True | True | True | False | | |
| Segment4 | Byte | 16#0 | False | True | True | True | False | | |
| Segment5 | Byte | 16#0 | False | True | True | True | False | | |
| Buzzer | Byte | 16#0 | False | True | True | True | False | | |

Totally Integrated Automation Portal

Task1_V15 / PLC_1 [CPU 1212C AC/DC/Rly] / Program blocks

Operation_mode_DB [DB3]

Operation_mode_DB Properties

General

| | | | | | | | |
|-----------|-------------------|--------|---|------|----|----------|----|
| Name | Operation_mode_DB | Number | 3 | Type | DB | Language | DB |
| Numbering | Automatic | | | | | | |

Information

| | | | | | | | |
|---------|-----|-----------------|--|---------|--|--------|--|
| Title | | Author | | Comment | | Family | |
| Version | 0.1 | User-defined ID | | | | | |

| Name | Data type | Start value | Retain | Accessible from HMI/OPC UA | Writ-able from HMI/OPC UA | Visible in HMI engi-neering | Setpoint | Supervi-sion | Comment |
|--------------------|------------------|-------------|--------|----------------------------|---------------------------|-----------------------------|----------|--------------|---------|
| ▼ Static | | | | | | | | | |
| ▼ OperatingModes | "OperationModes" | | False | True | True | True | False | | |
| ▼ Input | Struct | | False | True | True | True | False | | |
| automatic | Bool | false | False | True | True | True | False | | |
| manual | Bool | false | False | True | True | True | False | | |
| start | Bool | false | False | True | True | True | False | | |
| stop | Bool | false | False | True | True | True | False | | |
| estop | Bool | false | False | True | True | True | False | | |
| user_interaction | Bool | false | False | True | True | True | False | | |
| reset_estop | Bool | false | False | True | True | True | False | | |
| error | Bool | false | False | True | True | True | False | | |
| warning | Bool | false | False | True | True | True | False | | |
| reset_error | Bool | false | False | True | True | True | False | | |
| ▼ Output | Struct | | False | True | True | True | False | | |
| automatic_selected | Bool | false | False | True | True | True | False | | |
| manual_selected | Bool | false | False | True | True | True | False | | |
| estop_active | Bool | false | False | True | True | True | False | | |
| started | Bool | false | False | True | True | True | False | | |
| automatic | Bool | false | False | True | True | True | False | | |
| manual | Bool | false | False | True | True | True | False | | |
| error_active | Bool | false | False | True | True | True | False | | |

Totally Integrated Automation Portal

Task1_V15 / PLC_1 [CPU 1212C AC/DC/Rly] / Program blocks

ModuleStatus [DB4]

ModuleStatus Properties

General

| | | | | | | | |
|-----------|--------------|--------|---|------|----|----------|----|
| Name | ModuleStatus | Number | 4 | Type | DB | Language | DB |
| Numbering | Automatic | | | | | | |

Information

| | | | | | | | |
|---------|-----|-----------------|--|---------|--|--------|--|
| Title | | Author | | Comment | | Family | |
| Version | 0.1 | User-defined ID | | | | | |

| Name | Data type | Start value | Retain | Accessible from HMI/OPC UA | Writ-able from HMI/OPC UA | Visible in HMI engi-neering | Setpoint | Supervi-sion | Comment |
|-----------|-----------------------|-------------|--------|----------------------------|---------------------------|-----------------------------|----------|--------------|-------------------------|
| ▼ Static | | | | | | | | | |
| Mode | UInt | 0 | False | True | True | True | False | | |
| ▼ State | Array[0..128] of Bool | | False | True | True | True | False | | |
| State[0] | Bool | false | False | True | True | True | False | | COM for all the devices |
| State[1] | Bool | false | False | True | True | True | False | | Device number 1 |
| State[2] | Bool | false | False | True | True | True | False | | Device number 2 |
| State[3] | Bool | false | False | True | True | True | False | | Device number 3 |
| State[4] | Bool | false | False | True | True | True | False | | |
| State[5] | Bool | false | False | True | True | True | False | | |
| State[6] | Bool | false | False | True | True | True | False | | |
| State[7] | Bool | false | False | True | True | True | False | | |
| State[8] | Bool | false | False | True | True | True | False | | |
| State[9] | Bool | false | False | True | True | True | False | | |
| State[10] | Bool | false | False | True | True | True | False | | |
| State[11] | Bool | false | False | True | True | True | False | | |
| State[12] | Bool | false | False | True | True | True | False | | |
| State[13] | Bool | false | False | True | True | True | False | | |
| State[14] | Bool | false | False | True | True | True | False | | |
| State[15] | Bool | false | False | True | True | True | False | | |
| State[16] | Bool | false | False | True | True | True | False | | |
| State[17] | Bool | false | False | True | True | True | False | | |
| State[18] | Bool | false | False | True | True | True | False | | |
| State[19] | Bool | false | False | True | True | True | False | | |
| State[20] | Bool | false | False | True | True | True | False | | |
| State[21] | Bool | false | False | True | True | True | False | | |
| State[22] | Bool | false | False | True | True | True | False | | |
| State[23] | Bool | false | False | True | True | True | False | | |
| State[24] | Bool | false | False | True | True | True | False | | |
| State[25] | Bool | false | False | True | True | True | False | | |
| State[26] | Bool | false | False | True | True | True | False | | |
| State[27] | Bool | false | False | True | True | True | False | | |
| State[28] | Bool | false | False | True | True | True | False | | |
| State[29] | Bool | false | False | True | True | True | False | | |
| State[30] | Bool | false | False | True | True | True | False | | |
| State[31] | Bool | false | False | True | True | True | False | | |
| State[32] | Bool | false | False | True | True | True | False | | |
| State[33] | Bool | false | False | True | True | True | False | | |
| State[34] | Bool | false | False | True | True | True | False | | |
| State[35] | Bool | false | False | True | True | True | False | | |
| State[36] | Bool | false | False | True | True | True | False | | |
| State[37] | Bool | false | False | True | True | True | False | | |
| State[38] | Bool | false | False | True | True | True | False | | |
| State[39] | Bool | false | False | True | True | True | False | | |
| State[40] | Bool | false | False | True | True | True | False | | |
| State[41] | Bool | false | False | True | True | True | False | | |
| State[42] | Bool | false | False | True | True | True | False | | |
| State[43] | Bool | false | False | True | True | True | False | | |
| State[44] | Bool | false | False | True | True | True | False | | |
| State[45] | Bool | false | False | True | True | True | False | | |
| State[46] | Bool | false | False | True | True | True | False | | |
| State[47] | Bool | false | False | True | True | True | False | | |
| State[48] | Bool | false | False | True | True | True | False | | |
| State[49] | Bool | false | False | True | True | True | False | | |
| State[50] | Bool | false | False | True | True | True | False | | |
| State[51] | Bool | false | False | True | True | True | False | | |
| State[52] | Bool | false | False | True | True | True | False | | |
| State[53] | Bool | false | False | True | True | True | False | | |
| State[54] | Bool | false | False | True | True | True | False | | |
| State[55] | Bool | false | False | True | True | True | False | | |
| State[56] | Bool | false | False | True | True | True | False | | |
| State[57] | Bool | false | False | True | True | True | False | | |
| State[58] | Bool | false | False | True | True | True | False | | |

Totally Integrated Automation Portal

Task1_V15 / PLC_1 [CPU 1212C AC/DC/Rly] / Program blocks / SignalLight

Write_values [FC1]

Write_values Properties

General

| | | | | | | | |
|-----------|--------------|--------|---|------|----|----------|-----|
| Name | Write_values | Number | 1 | Type | FC | Language | SCL |
| Numbering | Automatic | | | | | | |

Information

| | | | | | | | |
|---------|-----|-----------------|--|---------|--|--------|--|
| Title | | Author | | Comment | | Family | |
| Version | 0.1 | User-defined ID | | | | | |

| Name | Data type | Default value | Comment |
|--------------|-----------|---------------|---------|
| Input | | | |
| Output | | | |
| InOut | | | |
| Temp | | | |
| Constant | | | |
| ▼ Return | | | |
| Write_values | Void | | |

```
0001 //Writing values from SignalLight DB to SignalLight PLC Tags
0002 "Segment1" := "SignalLight_DB".SignalLight.Segment1;
0003 "Segment2" := "SignalLight_DB".SignalLight.Segment2;
0004 "Segment3" := "SignalLight_DB".SignalLight.Segment3;
0005 "Segment4" := "SignalLight_DB".SignalLight.Segment4;
0006 "Segment5" := "SignalLight_DB".SignalLight.Segment5;
0007 "Buzzer" := "SignalLight_DB".SignalLight.Buzzer;
```

| Symbol | Address | Type | Comment |
|--|---------|------|---------|
| "Buzzer" | %QB1 | Byte | |
| "Segment1" | %QB6 | Byte | |
| "Segment2" | %QB5 | Byte | |
| "Segment3" | %QB4 | Byte | |
| "Segment4" | %QB3 | Byte | |
| "Segment5" | %QB2 | Byte | |
| "SignalLight_DB".SignalLight.Buzzer | | Byte | |
| "SignalLight_DB".SignalLight.Seg- ment1 | | Byte | |
| "SignalLight_DB".SignalLight.Seg- ment2 | | Byte | |
| "SignalLight_DB".SignalLight.Seg- ment3 | | Byte | |
| "SignalLight_DB".SignalLight.Seg- ment4 | | Byte | |
| "SignalLight_DB".SignalLight.Seg- ment5 | | Byte | |

Totally Integrated Automation Portal

Task1_V15 / PLC_1 [CPU 1212C AC/DC/Rly] / Program blocks / SignalLight

ControlSignalLight [FC2]

ControlSignalLight Properties

General

| | | | | | | | |
|-----------|--------------------|--------|---|------|----|----------|-----|
| Name | ControlSignalLight | Number | 2 | Type | FC | Language | SCL |
| Numbering | Automatic | | | | | | |

Information

| | | | | | | | |
|---------|-----|-----------------|--|---------|--|--------|--|
| Title | | Author | | Comment | | Family | |
| Version | 0.1 | User-defined ID | | | | | |

| Name | Data type | Default value | Comment |
|------------------------|-----------|---------------|---------|
| ▼ Input | | | |
| out_started | Bool | | |
| out_automatic | Bool | | |
| out_automatic_selected | Bool | | |
| out_manual | Bool | | |
| out_manual_selected | Bool | | |
| out_estop_active | Bool | | |
| out_error_active | Bool | | |
| in_warning | Bool | | |
| in_user_interaction | Bool | | |
| ▼ Output | | | |
| Segment1 | Byte | | |
| Segment2 | Byte | | |
| Segment3 | Byte | | |
| Segment4 | Byte | | |
| Segment5 | Byte | | |
| Buzzer | Byte | | |
| InOut | | | |
| Temp | | | |
| Constant | | | |
| ▼ Return | | | |
| ControlSignalLight | Void | | |

```
0001 //Stop mode - Segment 1 and Segment 2 = RED Stable
0002 IF (NOT #out_started AND NOT #out_estop_active) THEN
0003     #Segment1 := 2#00000100;
0004     #Segment2 := 2#00000100;
0005 END_IF;
0006
0007 //E-Stop mode - Segment 1 and Segment 2 = RED Blinking
0008 IF (#out_estop_active) THEN
0009     #Segment1 := 2#00010100;
0010     #Segment2 := 2#00010100;
0011 END_IF;
0012
0013 //Automatic selection mode - Segment 1 and Segment 2 = Green blinking
0014 IF (#out_automatic_selected AND NOT #out_automatic AND NOT #out_estop_active ) THEN
0015     #Segment1 := 2#00010010;
0016     #Segment2 := 2#00010010;
0017 END_IF;
0018
0019 //Automatic mode - Segment 1 and Segment 2 = Green stable
0020 IF (#out_automatic_selected AND #out_automatic AND NOT #out_estop_active) THEN
0021     #Segment1 := 2#00000010;
0022     #Segment2 := 2#00000010;
0023 END_IF;
0024
0025 //Manual selection mode - Segment 1 and Segment 2 = Green blinking
0026 IF (#out_manual_selected AND NOT #out_manual AND NOT #out_estop_active) THEN
0027     #Segment1 := 2#00010001;
0028     #Segment2 := 2#00010001;
0029 END_IF;
0030
0031 //Manual mode - Segment 1 and Segment 2 = Green stable
0032 IF (#out_manual_selected AND #out_manual AND NOT #out_estop_active) THEN
0033     #Segment1 := 2#00000001;
0034     #Segment2 := 2#00000001;
0035 END_IF;
0036
0037
0038 //Warning (Segment 3 & 4 = Amber stable) and Error mode (Segment 3 & 4 = Amber blinking)
0039 IF (#in_warning AND NOT #out_error_active) THEN
0040     #Segment3 := 2#00000110;
0041     #Segment4 := 2#00000110;
0042 ELSIF (NOT #in_warning AND #out_error_active) OR (#in_warning AND #out_error_active) THEN
0043     #Segment3 := 2#00100110;
0044     #Segment4 := 2#00100110;
0045 ELSIF (NOT #in_warning AND NOT #out_error_active) THEN
0046     #Segment3 := 2#00000000;
0047     #Segment4 := 2#00000000;
0048 END_IF;
```

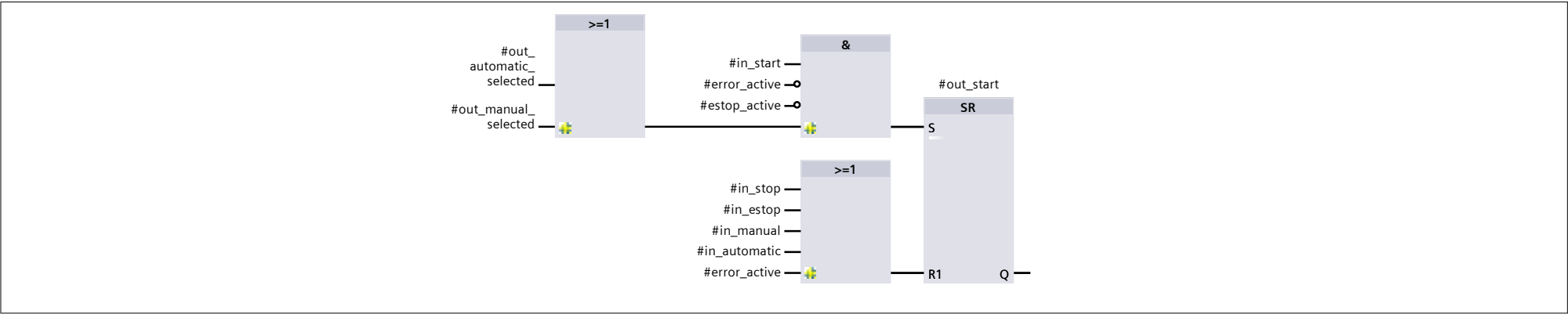
| Totally Integrated Automation Portal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---------|------|---------|---------|------|---------|----------------------|--|------|--|-------------|--|------|--|----------------|--|------|--|-------------------------|--|------|--|-------------------|--|------|--|-------------------|--|------|--|-------------|--|------|--|----------------------|--|------|--|--------------|--|------|--|-----------|--|------|--|-----------|--|------|--|-----------|--|------|--|-----------|--|------|--|-----------|--|------|--|
| <div>0049</div> <div>0050 //User Interaction - Segment 5 blinking white</div> <div>0051 IF #in_user_interaction THEN</div> <div>0052 #Segment5 := 2#00110111;</div> <div>0053 END_IF;</div> <div>0054</div> <div>0055 IF NOT #in_user_interaction THEN</div> <div>0056 #Segment5 := 2#00000000;</div> <div>0057 END_IF;</div> <div>0058</div> <div>0059</div> <div>0060</div> <div>0061</div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table><tr><th>Symbol</th><th>Address</th><th>Type</th><th>Comment</th></tr><tr><td>#in_user_interaction</td><td></td><td>Bool</td><td></td></tr><tr><td>#in_warning</td><td></td><td>Bool</td><td></td></tr><tr><td>#out_automatic</td><td></td><td>Bool</td><td></td></tr><tr><td>#out_automatic_selected</td><td></td><td>Bool</td><td></td></tr><tr><td>#out_error_active</td><td></td><td>Bool</td><td></td></tr><tr><td>#out_estop_active</td><td></td><td>Bool</td><td></td></tr><tr><td>#out_manual</td><td></td><td>Bool</td><td></td></tr><tr><td>#out_manual_selected</td><td></td><td>Bool</td><td></td></tr><tr><td>#out_started</td><td></td><td>Bool</td><td></td></tr><tr><td>#Segment1</td><td></td><td>Byte</td><td></td></tr><tr><td>#Segment2</td><td></td><td>Byte</td><td></td></tr><tr><td>#Segment3</td><td></td><td>Byte</td><td></td></tr><tr><td>#Segment4</td><td></td><td>Byte</td><td></td></tr><tr><td>#Segment5</td><td></td><td>Byte</td><td></td></tr></table> | | | Symbol | Address | Type | Comment | #in_user_interaction | | Bool | | #in_warning | | Bool | | #out_automatic | | Bool | | #out_automatic_selected | | Bool | | #out_error_active | | Bool | | #out_estop_active | | Bool | | #out_manual | | Bool | | #out_manual_selected | | Bool | | #out_started | | Bool | | #Segment1 | | Byte | | #Segment2 | | Byte | | #Segment3 | | Byte | | #Segment4 | | Byte | | #Segment5 | | Byte | |
| Symbol | Address | Type | Comment | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| #in_user_interaction | | Bool | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| #in_warning | | Bool | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| #out_automatic | | Bool | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| #out_automatic_selected | | Bool | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| #out_error_active | | Bool | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| #out_estop_active | | Bool | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| #out_manual | | Bool | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| #out_manual_selected | | Bool | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| #out_started | | Bool | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| #Segment1 | | Byte | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| #Segment2 | | Byte | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| #Segment3 | | Byte | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| #Segment4 | | Byte | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| #Segment5 | | Byte | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Task1_V15 / PLC_1 [CPU 1212C AC/DC/Rly] / Program blocks / Operation modes

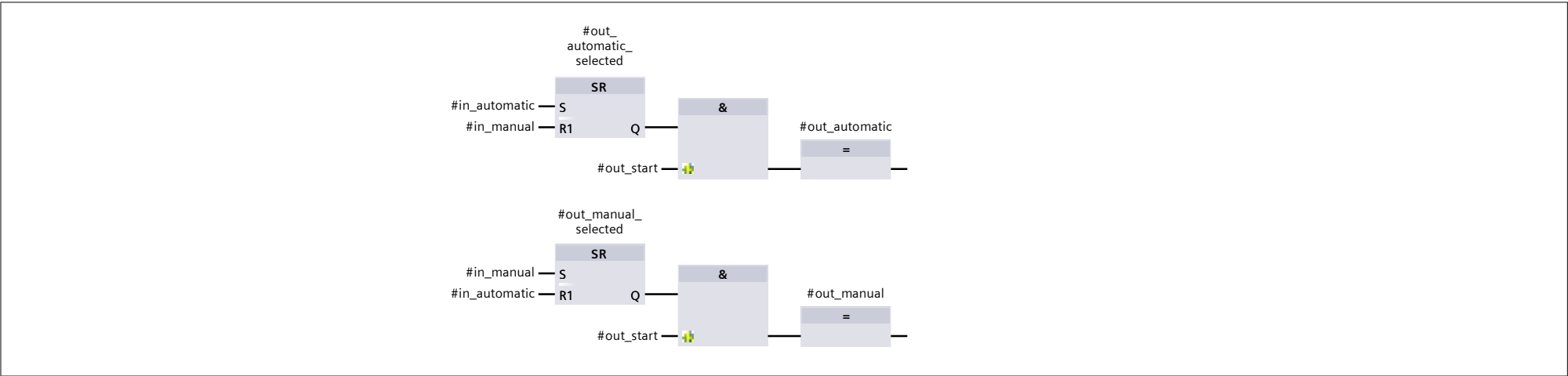
Operation_modes [FB1]

| Operation_modes Properties | | | | | | | | | |
|----------------------------|-----------------|-----------------|------------|----------------------------|---------------------------|-----------------------------|----------|--------------|---------|
| General | | | | | | | | | |
| Name | Operation_modes | Number | 1 | Type | FB | | | Language | FBD |
| Numbering | Automatic | | | | | | | | |
| Information | | | | | | | | | |
| Title | Operation modes | Author | | Comment | | | | Family | |
| Version | 0.1 | User-defined ID | | | | | | | |
| | | | | | | | | | |
| Name | Data type | Default value | Retain | Accessible from HMI/OPC UA | Writ-able from HMI/OPC UA | Visible in HMI engi-neering | Setpoint | Supervi-sion | Comment |
| ▼ Input | | | | | | | | | |
| in_start | Bool | false | Non-retain | True | True | True | False | | |
| in_stop | Bool | false | Non-retain | True | True | True | False | | |
| in_automatic | Bool | false | Non-retain | True | True | True | False | | |
| in_manual | Bool | false | Non-retain | True | True | True | False | | |
| in_estop | Bool | false | Non-retain | True | True | True | False | | |
| in_reset_estop | Bool | false | Non-retain | True | True | True | False | | |
| in_error | Bool | false | Non-retain | True | True | True | False | | |
| in_reset_error | Bool | false | Non-retain | True | True | True | False | | |
| in_user_interaction | Bool | false | Non-retain | True | True | True | False | | |
| ▼ Output | | | | | | | | | |
| out_automatic | Bool | false | Non-retain | True | True | True | False | | |
| out_manual | Bool | false | Non-retain | True | True | True | False | | |
| ▼ InOut | | | | | | | | | |
| out_start | Bool | false | Non-retain | True | True | True | False | | |
| out_automatic_selected | Bool | false | Non-retain | True | True | True | False | | |
| out_manual_selected | Bool | false | Non-retain | True | True | True | False | | |
| estop_active | Bool | false | Non-retain | True | True | True | False | | |
| warning | Bool | false | Non-retain | True | True | True | False | | |
| error_active | Bool | false | Non-retain | True | True | True | False | | |
| Static | | | | | | | | | |
| Temp | | | | | | | | | |
| Constant | | | | | | | | | |

Network 1: Start/Stop operation



Network 2: Automatic/Manual mode



Network 3: E-Stop



Network 4: Error



Task1_V15 / PLC_1 [CPU 1212C AC/DC/Rly] / Program blocks / Operation modes

Operation_modes_DB [DB2]

| Operation_modes_DB Properties | | | | | | | |
|-------------------------------|--------------------|-----------------|---|---------|----|----------|----|
| General | | | | | | | |
| Name | Operation_modes_DB | Number | 2 | Type | DB | Language | DB |
| Numbering | Automatic | | | | | | |
| Information | | | | | | | |
| Title | | Author | | Comment | | Family | |
| Version | 0.1 | User-defined ID | | | | | |

| Name | Data type | Start value | Retain | Accessible from HMI/OPC UA | Writ-able from HMI/ OPC UA | Visible in HMI engi-neering | Setpoint | Supervi-sion | Comment |
|------------------------|-----------|-------------|--------|----------------------------|----------------------------|-----------------------------|----------|--------------|---------|
| ▼ Input | | | | | | | | | |
| in_start | Bool | false | False | True | True | True | False | | |
| in_stop | Bool | false | False | True | True | True | False | | |
| in_automatic | Bool | false | False | True | True | True | False | | |
| in_manual | Bool | false | False | True | True | True | False | | |
| in_estop | Bool | false | False | True | True | True | False | | |
| in_reset_estop | Bool | false | False | True | True | True | False | | |
| in_error | Bool | false | False | True | True | True | False | | |
| in_reset_error | Bool | false | False | True | True | True | False | | |
| in_user_interaction | Bool | false | False | True | True | True | False | | |
| ▼ Output | | | | | | | | | |
| out_automatic | Bool | false | False | True | True | True | False | | |
| out_manual | Bool | false | False | True | True | True | False | | |
| ▼ InOut | | | | | | | | | |
| out_start | Bool | false | False | True | True | True | False | | |
| out_automatic_selected | Bool | false | False | True | True | True | False | | |
| out_manual_selected | Bool | false | False | True | True | True | False | | |
| estop_active | Bool | false | False | True | True | True | False | | |
| warning | Bool | false | False | True | True | True | False | | |
| error_active | Bool | false | False | True | True | True | False | | |
| Static | | | | | | | | | |

Totally Integrated Automation Portal

Task1_V15 / PLC_1 [CPU 1212C AC/DC/Rly] / Program blocks / System blocks / Program resources

DeviceStates [FC802]

DeviceStates Properties

General

| | | | | | | | |
|-----------|--------------|--------|-----|------|----|----------|-----|
| Name | DeviceStates | Number | 802 | Type | FC | Language | LAD |
| Numbering | Automatic | | | | | | |

Information














| | | | | | | | |
|---------|-----|-----------------|----------|---------|--|--------|----------|
| Title | | Author | SIMATIC | Comment | | Family | DIAGNSTC |
| Version | 1.0 | User-defined ID | DevState | | | | |

| Name | Data type | Default value | Comment |
|----------|-------------|---------------|-------------------------------------|
| ▼ Input | | | |
| LADDR | HW_IOSYSTEM | | Identifier of the IO system |
| MODE | UInt | | Mode |
| Output | | | |
| ▼ InOut | | | |
| STATE | Variant | | Buffer to store the IO system state |
| ▼ Return | | | |
| Ret_Val | Int | | Error code |

| | | |
|---|--|--|
| Totally Integrated Automation Portal | | |
| <div>Task1_V15 / PLC_1 [CPU 1212C AC/DC/Rly]</div> <div>Technology objects</div> <div>This folder is empty.</div> | | |
| | | |

Task1_V15 / PLC_1 [CPU 1212C AC/DC/Rly] / PLC tags / Default tag table [56]

PLC tags

| PLC tags | | | | | | | | | |
|---|------------------|-----------|---------|--------|-----------------------------|--------------------------|-----------------------------|-------------|---------|
| | Name | Data type | Address | Retain | Accessi-ble from HMI/OPC UA | Writable from HMI/OPC UA | Visible in HMI engi-neering | Supervision | Comment |
|  | System_Byte | Byte | %MB1 | False | True | True | True | | |
|  | FirstScan | Bool | %M1.0 | False | True | True | True | | |
|  | DiagStatusUpdate | Bool | %M1.1 | False | True | True | True | | |
|  | AlwaysTRUE | Bool | %M1.2 | False | True | True | True | | |
|  | AlwaysFALSE | Bool | %M1.3 | False | True | True | True | | |
|  | Clock_Byte | Byte | %MB0 | False | True | True | True | | |
|  | Clock_5Hz | Bool | %M0.1 | False | True | True | True | | |
|  | Clock_2.5Hz | Bool | %M0.2 | False | True | True | True | | |
|  | Clock_2Hz | Bool | %M0.3 | False | True | True | True | | |
|  | Clock_1.25Hz | Bool | %M0.4 | False | True | True | True | | |
|  | Clock_1Hz | Bool | %M0.5 | False | True | True | True | | |
|  | Clock_0.625Hz | Bool | %M0.6 | False | True | True | True | | |
|  | Clock_0.5Hz | Bool | %M0.7 | False | True | True | True | | |

Task1_V15 / PLC_1 [CPU 1212C AC/DC/Rly] / PLC tags / Default tag table [56]







User constants

| User constants | | | | |
|----------------|------|-----------|-------|---------|
| | Name | Data type | Value | Comment |

Totally Integrated Automation Portal

Task1_V15 / PLC_1 [CPU 1212C AC/DC/Rly] / PLC tags / SignalLight [6]

PLC tags

| PLC tags | | | | | | | | | |
|---|----------|-----------|---------|--------|-----------------------------|--------------------------|-----------------------------|-------------|---------|
| | Name | Data type | Address | Retain | Accessi-ble from HMI/OPC UA | Writable from HMI/OPC UA | Visible in HMI engi-neering | Supervision | Comment |
|  | Segment1 | Byte | %QB6 | False | True | True | True | | |
|  | Segment2 | Byte | %QB5 | False | True | True | True | | |
|  | Segment3 | Byte | %QB4 | False | True | True | True | | |
|  | Segment4 | Byte | %QB3 | False | True | True | True | | |
|  | Segment5 | Byte | %QB2 | False | True | True | True | | |
|  | Buzzer | Byte | %QB1 | False | True | True | True | | |

Task1_V15 / PLC_1 [CPU 1212C AC/DC/Rly] / PLC tags / SignalLight [6]

User constants

| User constants | | | | |
|----------------|------|-----------|-------|---------|
| | Name | Data type | Value | Comment |

Task1_V15 / PLC_1 [CPU 1212C AC/DC/Rly] / PLC data types

SignalLight

| SignalLight Properties | | | | | | | | | |
|------------------------|-------------|-----------------|---------------|----------------------------|----------------------------|------------------------------|----------|----------|--|
| General | | | | | | | | | |
| Name | SignalLight | Number | 1 | Type | UDT | | | Language | |
| Numbering | | | | | | | | | |
| Information | | | | | | | | | |
| Title | | Author | | Comment | | | | Family | |
| Version | | User-defined ID | | | | | | | |
| | | | | | | | | | |
| Name | Data type | Offset | Default value | Accessible from HMI/OPC UA | Writ able from HMI/ OPC UA | Visible in HMI engi- neering | Setpoint | Comment | |
| Segment1 | Byte | | 16#0 | True | True | True | False | | |
| Segment2 | Byte | | 16#0 | True | True | True | False | | |
| Segment3 | Byte | | 16#0 | True | True | True | False | | |
| Segment4 | Byte | | 16#0 | True | True | True | False | | |
| Segment5 | Byte | | 16#0 | True | True | True | False | | |
| Buzzer | Byte | | 16#0 | True | True | True | False | | |

Totally Integrated Automation Portal

Task1_V15 / PLC_1 [CPU 1212C AC/DC/Rly] / PLC data types

OperationModes

OperationModes Properties

General

| | | | | | | | |
|-----------|----------------|--------|---|------|-----|----------|--|
| Name | OperationModes | Number | 2 | Type | UDT | Language | |
| Numbering | | | | | | | |

Information

| | | | | | | | |
|---------|--|-----------------|--|---------|--|--------|--|
| Title | | Author | | Comment | | Family | |
| Version | | User-defined ID | | | | | |

| Name | Data type | Offset | Default value | Accessible from HMI/OPC UA | Writ able from m HMI/ OPC UA | Visible in HMI engi-neering | Setpoint | Comment |
|--------------------|-----------|--------|---------------|----------------------------|------------------------------|-----------------------------|----------|---------|
| ▼ Input | Struct | | | True | True | True | False | |
| automatic | Bool | | false | True | True | True | False | |
| manual | Bool | | false | True | True | True | False | |
| start | Bool | | false | True | True | True | False | |
| stop | Bool | | false | True | True | True | False | |
| estop | Bool | | false | True | True | True | False | |
| user_interaction | Bool | | false | True | True | True | False | |
| reset_estop | Bool | | false | True | True | True | False | |
| error | Bool | | false | True | True | True | False | |
| warning | Bool | | false | True | True | True | False | |
| reset_error | Bool | | false | True | True | True | False | |
| ▼ Output | Struct | | | True | True | True | False | |
| automatic_selected | Bool | | false | True | True | True | False | |
| manual_selected | Bool | | false | True | True | True | False | |
| estop_active | Bool | | false | True | True | True | False | |
| started | Bool | | false | True | True | True | False | |
| automatic | Bool | | false | True | True | True | False | |
| manual | Bool | | false | True | True | True | False | |
| error_active | Bool | | false | True | True | True | False | |

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Task1_V15 / PLC_1 [CPU 1212C AC/DC/Rly] / Watch and force tables

Watch table_1

| Name | Address | Display format | Modify value | Comment |
|-------------------|---------|----------------|--------------|-------------------|
| "i_command_value" | %IB90 | DEC | | command value |
| | %IB91 | Bin | | status |
| "i_read_value_0" | %IW92 | DEC | | read value 0 |
| "i_read_value_1" | %IW94 | DEC | | read value 1 |
| "i_read_value_2" | %IW96 | DEC | | read value 2 |
| "i_read_value_3" | %IW98 | DEC | | read value 3 |
| | %IW100 | Hex | | |
| | %IW102 | Hex | | |
| | %IW104 | Hex | | |
| | %IW106 | Hex | | |
| "q_command_value" | %QB84 | Bin | 2#0000_0001 | command value |
| | %QB85 | Hex | | operation command |
| "q_write_value_0" | %QW86 | Hex | | write value 0 |
| "q_write_value_1" | %QW88 | Hex | | write value 1 |
| "q_write_value_2" | %QW90 | Hex | | write value 2 |
| "q_write_value_3" | %QW92 | Hex | | write value 3 |
| | %QW94 | Hex | | |
| | %QW96 | Hex | | |
| | %QW98 | Hex | | |
| | %Q84.0 | Bool | TRUE | |
| | %Q84.3 | Bool | | |

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|--|--|--|------|
| <div>Task1_V15 / PLC_1 [CPU 1212C AC/DC/Rly]</div> <div>Traces</div> <table><tr><th>Name</th></tr></table> | | | Name |
| Name | | | |
| | | | |

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| Totally Integrated Automation Portal | | |
| <div>Task1_V15 / PLC_1 [CPU 1212C AC/DC/Rly] / Traces</div> <div>Measurements</div> <div>This folder is empty.</div> | | |
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| Totally Integrated Automation Portal | | |
| <div>Task1_V15 / PLC_1 [CPU 1212C AC/DC/Rly] / Traces</div> <div>Combined measurements</div> <div><div>Name</div></div> | | |
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| Totally Integrated Automation Portal | | |
| <div>Task1_V15 / PLC_1 [CPU 1212C AC/DC/Rly]</div> <div>PLC alarm text lists</div> <div>This folder is empty.</div> | | |
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| Totally Integrated Automation Portal | | |
| <div>Task1_V15 / PLC_1 [CPU 1212C AC/DC/Rly]</div> <div>Local modules</div> <div>This folder is empty.</div> | | |
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Totally Integrated Automation Portal

Task1_V15 / PLC_1 [CPU 1212C AC/DC/Rly] / Distributed I/O

PROFINET IO-System (100): PN/IE_1

PROFINET IO-System

General

IO controller:

PLC_1

Name:

PROFINET IO-System

Number:

100

Use name as extension for the PROFINET device name.

False

Hardware identifier

Hardware identifier

269

Overview of addresses\Overview of addresses\Overview of addresses

Inputs

True

Outputs

True

Address gaps

False

Slot

True

| Type | Addr. from | Addr. to | Module | PIP | Device name | Device number | Size | Master / IO system | Rack | Slot |
|------|------------|----------|---------------------------------|------------------|-----------------------------|---------------|----------|--------------------------|------|------|
| I | 0 | 0 | DI 8/DQ 6_1 | Automatic update | PLC_1 [CPU 1212C AC/DC/Rly] | - | 1 Bytes | - | 0 | 1 1 |
| O | 0 | 0 | DI 8/DQ 6_1 | Automatic update | PLC_1 [CPU 1212C AC/DC/Rly] | - | 1 Bytes | - | 0 | 1 1 |
| I | 64 | 67 | AI 2_1 | Automatic update | PLC_1 [CPU 1212C AC/DC/Rly] | - | 4 Bytes | - | 0 | 1 2 |
| I | 1000 | 1003 | HSC_1 | Automatic update | PLC_1 [CPU 1212C AC/DC/Rly] | - | 4 Bytes | - | 0 | 1 16 |
| I | 1004 | 1007 | HSC_2 | Automatic update | PLC_1 [CPU 1212C AC/DC/Rly] | - | 4 Bytes | - | 0 | 1 17 |
| I | 1008 | 1011 | HSC_3 | Automatic update | PLC_1 [CPU 1212C AC/DC/Rly] | - | 4 Bytes | - | 0 | 1 18 |
| I | 1012 | 1015 | HSC_4 | Automatic update | PLC_1 [CPU 1212C AC/DC/Rly] | - | 4 Bytes | - | 0 | 1 19 |
| I | 1016 | 1019 | HSC_5 | Automatic update | PLC_1 [CPU 1212C AC/DC/Rly] | - | 4 Bytes | - | 0 | 1 20 |
| I | 1020 | 1023 | HSC_6 | Automatic update | PLC_1 [CPU 1212C AC/DC/Rly] | - | 4 Bytes | - | 0 | 1 21 |
| O | 1000 | 1001 | Pulse_1 | Automatic update | PLC_1 [CPU 1212C AC/DC/Rly] | - | 2 Bytes | - | 0 | 1 32 |
| O | 1002 | 1003 | Pulse_2 | Automatic update | PLC_1 [CPU 1212C AC/DC/Rly] | - | 2 Bytes | - | 0 | 1 33 |
| O | 1004 | 1005 | Pulse_3 | Automatic update | PLC_1 [CPU 1212C AC/DC/Rly] | - | 2 Bytes | - | 0 | 1 34 |
| O | 1006 | 1007 | Pulse_4 | Automatic update | PLC_1 [CPU 1212C AC/DC/Rly] | - | 2 Bytes | - | 0 | 1 35 |
| O | 9 | 9 | Transfer area_1 | Automatic update | PLC_2 [CPU 1212C AC/DC/Rly] | 1 | 1 Bytes | PROFINET IO-System [100] | 0 | 1 X1 |
| I | 1 | 1 | IO-Link Out 8 Byte + PQI | Automatic update | AL1100 [AL1100] | 2 | 1 Bytes | PROFINET IO-System [100] | 0 | 1 2 |
| O | 1 | 8 | IO-Link Out 8 Byte + PQI | Automatic update | AL1100 [AL1100] | 2 | 8 Bytes | PROFINET IO-System [100] | 0 | 1 2 |
| I | 68 | 100 | IO-Link In/Out 32/32 Byte + PQI | Automatic update | AL1100 [AL1100] | 2 | 33 Bytes | PROFINET IO-System [100] | 0 | 1 3 |
| O | 64 | 95 | IO-Link In/Out 32/32 Byte + PQI | Automatic update | AL1100 [AL1100] | 2 | 32 Bytes | PROFINET IO-System [100] | 0 | 1 3 |

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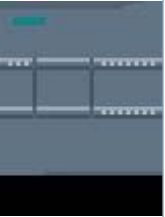

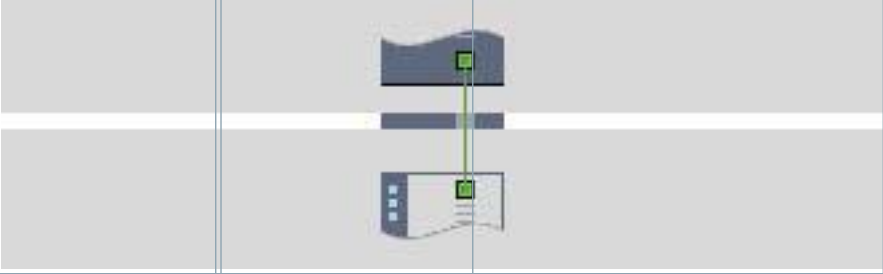
Task1_V15

PLC_2 [CPU 1212C AC/DC/Rly]

| | | | | | |
|---|--|---|---|-----------------------|-------------------------|
| PLC_2 | | | | | |
| General\Project information | | | | | |
| Name | PLC_2 | Author | RV | Comment | |
| Slot | 1 | Rack | 0 | | |
| General\Catalog information | | | | | |
| Short designation | CPU 1212C AC/DC/Rly | Description | Work memory 75 KB; 120/240VAC power supply with DI8 x 24VDC SINK/ SOURCE, DQ6 x relay and AI2 on board; 4 high-speed counters (expandable with digital signal board) and 4 pulse outputs on board; signal board expands on-board I/O; up to 3 communication modules for serial communication; up to 2 signal modules for I/O expansion; 0.04 ms/1000 instructions; PROFINET interface for programming, HMI and PLC to PLC communication | Article number | 6ES7 212-1BE40-0XB0 |
| Firmware version | V4.1 | | | | |
| General\Identification & Maintenance | | | | | |
| Plant designation | | Location identifier | | Installation date | 2019-04-27 13:25:40.379 |
| Additional information | | | | | |
| PROFINET interface [X1]\General | | | | | |
| Name | PROFINET interface_1 | Author | RV | Comment | |
| PROFINET interface [X1]\General\Project information | | | | | |
| Name | DI 8/DQ 6_1 | Comment | | Name | AI 2_1 |
| Comment | | | | | |
| PROFINET interface [X1]\Ethernet addresses\Interface networked with | | | | | |
| Subnet: | PN/IE_1 | | | | |
| PROFINET interface [X1]\Ethernet addresses\IP protocol | | | | | |
| IP configuration | Set IP address in the project | IP address: | 192.168.1.107 | Subnet mask: | 255.255.255.0 |
| Use router | False | | | | |
| PROFINET interface [X1]\Ethernet addresses\PROFINET | | | | | |
| PROFINET device name is set directly at the device | False | Generate PROFINET device name automatically | True | PROFINET device name: | plc_2 |
| Converted name: | plcxb2d1ad | Device number: | 0 | | |
| PROFINET interface [X1]\Time synchronization | | | | | |
| Enable time synchronization via NTP server | Enable time synchronization via NTP server | | IP addresses | Server 1 | 0.0.0.0 |
| Server 2 | 0.0.0.0 | Server 3 | 0.0.0.0 | Server 4 | 0.0.0.0 |
| Update interval | 10sec | | | | |
| PROFINET interface [X1]\Digital inputs\Channel0 | | | | | |
| Channel address | I0.0 | Input filters | 6.4 millisec | Enable pulse catch | 0 |
| PROFINET interface [X1]\Digital inputs\Channel0\ | | | | | |
| Enable rising edge detection | 0 | RidPrefixRisingEdgeEvent | 49152 | Event name: | 0 |
| Hardware interrupt: | 0 | Rising edge0 | Rising edge0 | | |
| PROFINET interface [X1]\Digital inputs\Channel0\ | | | | | |
| Enable falling edge detection | 0 | RidPrefixFallingEdgeEvent | 49280 | Event name: | 0 |
| Hardware interrupt: | 0 | Falling edge0 | Falling edge0 | | |
| PROFINET interface [X1]\Digital inputs\Channel1 | | | | | |
| Channel address | I0.1 | Input filters | 6.4 millisec | Enable pulse catch | 0 |
| PROFINET interface [X1]\Digital inputs\Channel1\ | | | | | |
| Enable rising edge detection | 0 | RidPrefixRisingEdgeEvent | 49153 | Event name: | 0 |
| Hardware interrupt: | 0 | Rising edge1 | Rising edge1 | | |
| PROFINET interface [X1]\Digital inputs\Channel1\ | | | | | |
| Enable falling edge detection | 0 | RidPrefixFallingEdgeEvent | 49281 | Event name: | 0 |
| Hardware interrupt: | 0 | Falling edge1 | Falling edge1 | | |
| PROFINET interface [X1]\Digital inputs\Channel2 | | | | | |
| Channel address | I0.2 | Input filters | 6.4 millisec | Enable pulse catch | 0 |
| PROFINET interface [X1]\Digital inputs\Channel2\ | | | | | |
| Enable rising edge detection | 0 | RidPrefixRisingEdgeEvent | 49154 | Event name: | 0 |
| Hardware interrupt: | 0 | Rising edge2 | Rising edge2 | | |
| PROFINET interface [X1]\Digital inputs\Channel2\ | | | | | |
| Enable falling edge detection | 0 | RidPrefixFallingEdgeEvent | 49282 | Event name: | 0 |
| Hardware interrupt: | 0 | Falling edge2 | Falling edge2 | | |
| PROFINET interface [X1]\Digital inputs\Channel3 | | | | | |
| Channel address | I0.3 | Input filters | 6.4 millisec | Enable pulse catch | 0 |
| PROFINET interface [X1]\Digital inputs\Channel3\ | | | | | |
| Enable rising edge detection | 0 | RidPrefixRisingEdgeEvent | 49155 | Event name: | 0 |
| Hardware interrupt: | 0 | Rising edge3 | Rising edge3 | | |
| PROFINET interface [X1]\Digital inputs\Channel3\ | | | | | |
| Enable falling edge detection | 0 | RidPrefixFallingEdgeEvent | 49283 | Event name: | 0 |
| Hardware interrupt: | 0 | Falling edge3 | Falling edge3 | | |

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| PROFINET interface [X1]\Digital inputs\Channel4 | | | | | | | | |
| Channel address | I0.4 | | Input filters | 6.4 millisec | | Enable pulse catch | 0 | |
| PROFINET interface [X1]\Digital inputs\Channel4\ | | | | | | | | |
| Enable rising edge detection | 0 | | RidPrefixRisingEdgeEvent | 49156 | | Event name: | 0 | |
| Hardware interrupt: | 0 | | Rising edge4 | Rising edge4 | | | | |
| PROFINET interface [X1]\Digital inputs\Channel4\ | | | | | | | | |
| Enable falling edge detection | 0 | | RidPrefixFallingEdgeEvent | 49284 | | Event name: | 0 | |
| Hardware interrupt: | 0 | | Falling edge4 | Falling edge4 | | | | |
| PROFINET interface [X1]\Digital inputs\Channel5 | | | | | | | | |
| Channel address | I0.5 | | Input filters | 6.4 millisec | | Enable pulse catch | 0 | |
| PROFINET interface [X1]\Digital inputs\Channel5\ | | | | | | | | |
| Enable rising edge detection | 0 | | RidPrefixRisingEdgeEvent | 49157 | | Event name: | 0 | |
| Hardware interrupt: | 0 | | Rising edge5 | Rising edge5 | | | | |
| PROFINET interface [X1]\Digital inputs\Channel5\ | | | | | | | | |
| Enable falling edge detection | 0 | | RidPrefixFallingEdgeEvent | 49285 | | Event name: | 0 | |
| Hardware interrupt: | 0 | | Falling edge5 | Falling edge5 | | | | |
| PROFINET interface [X1]\Digital inputs\Channel6 | | | | | | | | |
| Channel address | I0.6 | | Input filters | 6.4 millisec | | Enable pulse catch | 0 | |
| PROFINET interface [X1]\Digital inputs\Channel6\ | | | | | | | | |
| Enable rising edge detection | 0 | | RidPrefixRisingEdgeEvent | 49158 | | Event name: | 0 | |
| Hardware interrupt: | 0 | | Rising edge6 | Rising edge6 | | | | |
| PROFINET interface [X1]\Digital inputs\Channel6\ | | | | | | | | |
| Enable falling edge detection | 0 | | RidPrefixFallingEdgeEvent | 49286 | | Event name: | 0 | |
| Hardware interrupt: | 0 | | Falling edge6 | Falling edge6 | | | | |
| PROFINET interface [X1]\Digital inputs\Channel7 | | | | | | | | |
| Channel address | I0.7 | | Input filters | 6.4 millisec | | Enable pulse catch | 0 | |
| PROFINET interface [X1]\Digital inputs\Channel7\ | | | | | | | | |
| Enable rising edge detection | 0 | | RidPrefixRisingEdgeEvent | 49159 | | Event name: | 0 | |
| Hardware interrupt: | 0 | | Rising edge7 | Rising edge7 | | | | |
| PROFINET interface [X1]\Digital inputs\Channel7\ | | | | | | | | |
| Enable falling edge detection | 0 | | RidPrefixFallingEdgeEvent | 49287 | | Event name: | 0 | |
| Hardware interrupt: | 0 | | Falling edge7 | Falling edge7 | | | | |
| PROFINET interface [X1]\Analog inputs\Noise reduction | | | | | | | | |
| Integration time | 50 Hz (20 ms) | | | | | | | |
| PROFINET interface [X1]\Analog inputs\Channel0 | | | | | | | | |
| Channel address | IW64 | | Measurement type | Voltage | | Voltage range | 0..10 V | |
| Smoothing | Weak (4 cycles) | | | | | Enable overflow diagnostics | 1 | |
| PROFINET interface [X1]\Analog inputs\Channel1 | | | | | | | | |
| Channel address | IW66 | | Measurement type | Voltage | | Voltage range | 0..10 V | |
| Smoothing | Weak (4 cycles) | | | | | Enable overflow diagnostics | 1 | |
| PROFINET interface [X1]\Digital outputs | | | | | | | | |
| Reaction to CPU STOP | Use substitute value | | | | | | | |
| PROFINET interface [X1]\Digital outputs\Channel0 | | | | | | | | |
| Channel address | Q0.0 | | Substitute a value of 1 on a change from RUN to STOP. | 0 | | | | |
| PROFINET interface [X1]\Digital outputs\Channel1 | | | | | | | | |
| Channel address | Q0.1 | | Substitute a value of 1 on a change from RUN to STOP. | 0 | | | | |
| PROFINET interface [X1]\Digital outputs\Channel2 | | | | | | | | |
| Channel address | Q0.2 | | Substitute a value of 1 on a change from RUN to STOP. | 0 | | | | |
| PROFINET interface [X1]\Digital outputs\Channel3 | | | | | | | | |
| Channel address | Q0.3 | | Substitute a value of 1 on a change from RUN to STOP. | 0 | | | | |
| PROFINET interface [X1]\Digital outputs\Channel4 | | | | | | | | |
| Channel address | Q0.4 | | Substitute a value of 1 on a change from RUN to STOP. | 0 | | | | |
| PROFINET interface [X1]\Digital outputs\Channel5 | | | | | | | | |
| Channel address | Q0.5 | | Substitute a value of 1 on a change from RUN to STOP. | 0 | | | | |
| PROFINET interface [X1]\Operating mode | | | | | | | | |
| IO controller | True | | IO system | | | Device number | 0 | |
| IO device | True | | Assigned IO controller | PLC_1.PROFINET interface_1 | | Parameter assignment of PN interface by higher-level IO controller | False | |
| Prioritized startup | False | | Device number | 1 | | | | |
| PROFINET interface [X1]\Operating mode\I-device communication\Transfer areas | | | | | | | | |
| Fail-safe | Transfer area | Type | Address in IO controller | Direction of transfer | Address in I-device | Length | | |
| | Transfer area_1 | CD | Q 9 | → | I 1 | 1 Byte | | |
| PROFINET interface [X1]\Operating mode\I-device communication\Diagnostics address of communication | | | | | | | | |
| Diagnostics address | | | | | | | | |
| | | | | | | | | |

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| PROFINET interface [X1]\Operating mode\I-device communication\Transfer area_1\Details of the transfer area | | | | | | |
| Transfer area | Transfer area_1 | | Type of transfer area | | Partner |  |
| Local |  | | Data exchange between (Partner and Local) | PLC_1 and PLC_2 | Subslot (Partner) | |
| Subslot (Local) | | | Address type (Partner) | Q | Address type (Local) | I |
| Start address (Partner) | 9 | | Start address (Local) | 1 | Process image (Partner) | 0 |
| Process image (Local) | 0 | | Length [bytes] | 1 | Comment | |
| PROFINET interface [X1]\Operating mode\Real time settings\IO cycle\Shared Device | | | | | | |
| Number of IO controllers with access to this I-device | | | 1 | | | |
| PROFINET interface [X1]\Operating mode\Real time settings\IO cycle\Update time | | | | | | |
| Calculate update time automatically | True | | Update time | 2.000ms | Set update time manually | False |
| PROFINET interface [X1]\Operating mode\Real time settings\IO cycle\Watchdog time: | | | | | | |
| Trigger watchdog after | 3cycles of missing IO data. | | Watchdog time: | 6.000ms | | |
| PROFINET interface [X1]\I/O addresses\Input addresses | | | | | | |
| Start address | 0.0 | | End address | 0.7 | Organization block | 0 |
| Process image | 0 | | | | | |
| PROFINET interface [X1]\I/O addresses\Input addresses | | | | | | |
| Start address | 64 | | End address | 67 | Organization block | 0 |
| Process image | 0 | | | | | |
| PROFINET interface [X1]\I/O addresses\Output addresses | | | | | | |
| Start address | 0.0 | | End address | 0.7 | Organization block | 0 |
| Process image | 0 | | | | | |
| PROFINET interface [X1]\Advanced options\Interface options | | | | | | |
| Support device replacement without exchangeable medium | True | | Permit overwriting of device names of all assigned IO devices | True | Use IEC V2.2 LLDP mode | False |
| Keep-Alive connection monitoring | 30s | | | | | |
| PROFINET interface [X1]\Advanced options\Real time settings\IO communication | | | | | | |
| Send clock: | 1.000ms | | | | | |
| PROFINET interface [X1]\Advanced options\Real time settings\Real time options | | | | | | |
| Calculated bandwidth for cyclic IO data: | 0.008ms | | Calculated bandwidth for cyclic IO data: | 0.792% | | |
| PROFINET interface [X1]\Advanced options\Port [X1 P1]\General | | | | | | |
| Name | Port_1 | | Author | RV | Comment | |
| PROFINET interface [X1]\Advanced options\Port [X1 P1]\Port interconnection\Local port: | | | | | | |
| Local port: | PLC_2\PROFINET interface_1 [X1]\Port_1 [X1 P1] | | Medium: | Copper | Cable name: | --- |
| | | |  | | | |
| PROFINET interface [X1]\Advanced options\Port [X1 P1]\Port interconnection\Partner port: | | | | | | |
| | Monitoring of partner port is not possible | | Partner port: | Any partner | | |
| PROFINET interface [X1]\Advanced options\Port [X1 P1]\Port options\Activate | | | | | | |
| Activate this port for use | True | | | | | |
| PROFINET interface [X1]\Advanced options\Port [X1 P1]\Port options\Connection | | | | | | |
| Transmission rate / duplex: | Automatic | | Monitor | False | Enable autonegotiation | True |
| PROFINET interface [X1]\Advanced options\Port [X1 P1]\Port options\Boundaries | | | | | | |
| End of detection of accessible devices | False | | End of topology discovery | False | End of the sync domain | False |
| PROFINET interface [X1]\Web server access | | | | | | |
| Enable Web server using this interface | False | | The Web server must also be activated in the properties of the PLC. | | | |
| High speed counters (HSC)\HSC1\General\Enable | | | | | | |
| Enable this high speed counter | 0 | | Enable this high speed counter | 0 | Enable this high speed counter | 0 |
| Enable this high speed counter | 0 | | Enable this high speed counter | 0 | Enable this high speed counter | 0 |
| High speed counters (HSC)\HSC1\General\Project information | | | | | | |
| Name | HSC_1 | | Comment | | Name | HSC_2 |
| Comment | | | Name | HSC_3 | Comment | |
| | | | | | | |

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| Name | HSC_4 | Comment | | Name | HSC_5 |
| Comment | | Name | HSC_6 | Comment | |
| High speed counters (HSC)\HSC1\I/O addresses\Input addresses | | | | | |
| Start address | 1000.0 | End address | 1003.7 | Start address | 1004.0 |
| End address | 1007.7 | Organization block | 0 | Start address | 1008.0 |
| End address | 1011.7 | Organization block | 0 | Process image | 0 |
| Start address | 1012.0 | End address | 1015.7 | Organization block | 0 |
| Process image | 0 | Start address | 1016.0 | End address | 1019.7 |
| Organization block | 0 | Process image | 0 | Start address | 1020.0 |
| End address | 1023.7 | Organization block | 0 | Process image | 0 |
| Organization block | 0 | Process image | 0 | Process image | 0 |
| Pulse generators (PTO/PWM)\PTO1/PWM1\General\Enable | | | | | |
| Enable this pulse generator | 0 | Enable this pulse generator | 0 | | |
| Pulse generators (PTO/PWM)\PTO1/PWM1\General\Project information | | | | | |
| Name | Pulse_1 | Comment | | Name | Pulse_2 |
| Comment | | | | | |
| Pulse generators (PTO/PWM)\PTO1/PWM1\I/O addresses\Output addresses | | | | | |
| Start address | 1000.0 | End address | 1001.7 | Start address | 1002.0 |
| End address | 1003.7 | Organization block | 0 | Organization block | 0 |
| Process image | 0 | Process image | 0 | | |
| Startup | | | | | |
| Startup after POWER ON | Warm restart - mode before POWER OFF | Comparison preset to actual configuration | Startup CPU even if mismatch | Configuration time | 60000ms |
| OBs should be interruptible | 1 | | | | |
| Cycle | | | | | |
| Cycle monitoring time | 150ms | | | Enable minimum cycle time for cyclic OBs | 0 |
| Minimum cycle time | 1ms | | | | |
| Communication load | | | | | |
| Cycle load due to communication | 20% | | | | |
| System and clock memory\System memory bits | | | | | |
| Enable the use of system memory byte | 0 | Address of system memory byte (MBx) | 1 | First cycle | |
| Diagnostic status changed | | Always 1 (high) | | Always 0 (low) | |
| System and clock memory\Clock memory bits | | | | | |
| Enable the use of clock memory byte | 0 | Address of clock memory byte (MBx) | 0 | 10 Hz clock | |
| 5 Hz clock | | 2.5 Hz clock | | 2 Hz clock | |
| 1.25 Hz clock | | 1 Hz clock | | 0.625 Hz clock | |
| 0.5 Hz clock | | | | | |
| Web server\General | | | | | |
| Activate Web server on all modules of this device | False | Permit access only with HTTPS | True | | |
| Web server\Automatic update | | | | | |
| Enable automatic update | True | Update interval | 0s | | |
| Web server\User interface languages | | | | | |
| Assign project language | | | User interface languages | | |
| English (United States) | | | German | | |
| English (United States) | | | English | | |
| English (United States) | | | French | | |
| English (United States) | | | Spanish | | |
| English (United States) | | | Italian | | |
| English (United States) | | | Chinese (simplified) | | |
| Web server\User management | | | | | |
| User name | | | User rights | | |
| Everybody | | | | | |
| Web server\User defined web pages | | | | | |
| Application name | HTML source path | Default HTML page | Files with dynamic content | Web DB number | Fragment DB number |
| | | index.htm | .htm;.html | 333 | 334 |
| Web server\Overview of interfaces | | | | | |
| Device | | Interface | | Enabled web server access | |
| PLC_2 | | PROFINET interface_1 | | False | |
| User interface languages | | | | | |
| Assign project language | | | User interface languages | | |
| English (United States) | | | German | | |
| English (United States) | | | English | | |
| English (United States) | | | French | | |
| English (United States) | | | Spanish | | |
| English (United States) | | | Italian | | |
| English (United States) | | | Chinese (simplified) | | |
| Time of day\Local time | | | | | |
| Time zone | (UTC +01:00) Berlin, Bern, Brussels, Rome, Stockholm, Vienna | | | | |
| Time of day\Daylight saving time | | | | | |
| Activate daylight saving time | 1 | Difference between standard and daylight saving time | 60mins | | |
| Time of day\Daylight saving time\Start of daylight saving time | | | | | |
| Starting week of the month: | Last | | Sunday | of | March |
| at | 01:00 a.m. | | | | |

| | | |
|--|--|--|
| | | |
|--|--|--|

Totally Integrated Automation Portal

Time of day\Daylight saving time\Start of standard time

Last

Sunday

of

October

at

02:00 a.m.

Protection & Security

Level of protection

No protection

Protection & Security\Connection mechanisms

Permit access with PUT/GET communication from remote partner

False

Configuration control\Configuration control for central configuration

Allow to reconfigure the device via the user program

0

Connection resources\

| | Station resources - Reserved - Maximum | Station resources - Reserved - Configured | Station resources - Dynamic - Configured | Module resources - PLC_2 [CPU 1212C AC/DC/Rly] - Configured |
|------------------------------|--|---|--|---|
| Maximum number of resources: | | 62 | 6 | 68 |
| | Maximum | Configured | Configured | Configured |
| PG communication: | 4 | - | - | - |
| HMI communication: | 12 | 0 | 0 | 0 |
| S7 communication: | 8 | 0 | 0 | 0 |
| Open user communication: | 8 | 0 | 0 | 0 |
| Web communication: | 30 | - | - | - |
| Other communication: | - | - | 0 | 0 |
| Total resources used: | | 0 | 0 | 0 |
| Available resources: | | 62 | 6 | 68 |

Overview of addresses\Overview of addresses\Overview of addresses

Inputs

True

Outputs

True

Address gaps

False

Slot

True

| Type | Addr. from | Addr. to | Module | PIP | Device name | Device number | Size | Master / IO system | Rack | Slot |
|------|------------|----------|-----------------|------------------|-----------------------------|---------------|---------|--------------------------|------|------|
| I | 0 | 0 | DI 8/DQ 6_1 | Automatic update | PLC_2 [CPU 1212C AC/DC/Rly] | - | 1 Bytes | - | 0 | 1 1 |
| O | 0 | 0 | DI 8/DQ 6_1 | Automatic update | PLC_2 [CPU 1212C AC/DC/Rly] | - | 1 Bytes | - | 0 | 1 1 |
| I | 64 | 67 | AI 2_1 | Automatic update | PLC_2 [CPU 1212C AC/DC/Rly] | - | 4 Bytes | - | 0 | 1 2 |
| I | 1000 | 1003 | HSC_1 | Automatic update | PLC_2 [CPU 1212C AC/DC/Rly] | - | 4 Bytes | - | 0 | 1 16 |
| I | 1004 | 1007 | HSC_2 | Automatic update | PLC_2 [CPU 1212C AC/DC/Rly] | - | 4 Bytes | - | 0 | 1 17 |
| I | 1008 | 1011 | HSC_3 | Automatic update | PLC_2 [CPU 1212C AC/DC/Rly] | - | 4 Bytes | - | 0 | 1 18 |
| I | 1012 | 1015 | HSC_4 | Automatic update | PLC_2 [CPU 1212C AC/DC/Rly] | - | 4 Bytes | - | 0 | 1 19 |
| I | 1016 | 1019 | HSC_5 | Automatic update | PLC_2 [CPU 1212C AC/DC/Rly] | - | 4 Bytes | - | 0 | 1 20 |
| I | 1020 | 1023 | HSC_6 | Automatic update | PLC_2 [CPU 1212C AC/DC/Rly] | - | 4 Bytes | - | 0 | 1 21 |
| O | 1000 | 1001 | Pulse_1 | Automatic update | PLC_2 [CPU 1212C AC/DC/Rly] | - | 2 Bytes | - | 0 | 1 32 |
| O | 1002 | 1003 | Pulse_2 | Automatic update | PLC_2 [CPU 1212C AC/DC/Rly] | - | 2 Bytes | - | 0 | 1 33 |
| O | 1004 | 1005 | Pulse_3 | Automatic update | PLC_2 [CPU 1212C AC/DC/Rly] | - | 2 Bytes | - | 0 | 1 34 |
| O | 1006 | 1007 | Pulse_4 | Automatic update | PLC_2 [CPU 1212C AC/DC/Rly] | - | 2 Bytes | - | 0 | 1 35 |
| I | 1 | 1 | Transfer area_1 | Automatic update | PLC_2 [CPU 1212C AC/DC/Rly] | 1 | 1 Bytes | PROFINET IO-System [100] | 0 | 1 X1 |

Totally Integrated Automation Portal

Task1_V15 / PLC_2 [CPU 1212C AC/DC/Rly] / Program blocks

Main [OB1]

Main Properties

General

| | | | | | | | |
|-----------|-----------|--------|---|------|----|----------|-----|
| Name | Main | Number | 1 | Type | OB | Language | LAD |
| Numbering | Automatic | | | | | | |

Information

| | | | | | | | |
|---------|------------------------------|-----------------|--|---------|--|--------|--|
| Title | "Main Program Sweep (Cycle)" | Author | | Comment | | Family | |
| Version | 0.1 | User-defined ID | | | | | |

| Name | Data type | Default value | Comment |
|--------------|-----------|---------------|---------------------------------------|
| ▼ Input | | | |
| Initial_Call | Bool | | Initial call of this OB |
| Remanence | Bool | | =True, if remanent data are available |
| Temp | | | |
| Constant | | | |

| | | |
|---|--|--|
| Totally Integrated Automation Portal | | |
| <div>Task1_V15 / PLC_2 [CPU 1212C AC/DC/Rly]</div> <div>Technology objects</div> <div>This folder is empty.</div> | | |
| | | |

PLC tags

| PLC tags | | | | | | | | | |
|----------|------|-----------|---------|--------|---------------------------------------|-----------------------------------|------------------------------------|-------------|---------|
| | Name | Data type | Address | Retain | Access- ible from HMI/OPC UA | Writable from HMI/OPC UA | Visible in HMI engi- neering | Supervision | Comment |

Task1_V15 / PLC_2 [CPU 1212C AC/DC/Rly] / PLC tags / Default tag table [30]

User constants

| User constants | | | | |
|----------------|------|-----------|-------|---------|
| | Name | Data type | Value | Comment |

| | | |
|---|--|--|
| Totally Integrated Automation Portal | | |
| <div>Task1_V15 / PLC_2 [CPU 1212C AC/DC/Rly]</div> <div>PLC data types</div> <div>This folder is empty.</div> | | |
| | | |

| Totally Integrated Automation Portal | | | |
|--|--|--|------|
| <div>Task1_V15 / PLC_2 [CPU 1212C AC/DC/Rly]</div> <div>Traces</div> <table><tr><th>Name</th></tr></table> | | | Name |
| Name | | | |
| | | | |

| | | |
|--|--|--|
| Totally Integrated Automation Portal | | |
| <div>Task1_V15 / PLC_2 [CPU 1212C AC/DC/Rly] / Traces</div> <div>Measurements</div> <div>This folder is empty.</div> | | |
| | | |

| | | |
|---|--|--|
| Totally Integrated Automation Portal | | |
| <div>Task1_V15 / PLC_2 [CPU 1212C AC/DC/Rly] / Traces</div> <div>Combined measurements</div> <div><div>Name</div></div> | | |
| | | |

| | | |
|---|--|--|
| Totally Integrated Automation Portal | | |
| <div>Task1_V15 / PLC_2 [CPU 1212C AC/DC/Rly]</div> <div>PLC alarm text lists</div> <div>This folder is empty.</div> | | |
| | | |

| | | |
|--|--|--|
| Totally Integrated Automation Portal | | |
| <div>Task1_V15 / PLC_2 [CPU 1212C AC/DC/Rly]</div> <div>Local modules</div> <div>This folder is empty.</div> | | |
| | | |

Task1_V15

HMI_1 [KTP400 Basic PN]

| | |
|---------|-------|
| HMI_1 | |
| General | |
| Name | HMI_1 |

Totally Integrated Automation Portal

Task1_V15 / HMI_1 [KTP400 Basic PN]

Runtime settings

General

| | | | | | |
|--------------------|--------------------|------------------------------|------------------|----------------------|-----------|
| Start screen | Root screen | Default template | | UseDefaultPanelStyle | Unchecked |
| SelectedPanelStyle | WinCC Dark V 1.0.1 | AdjustStyleFontsToDeviceSize | Checked | Screen resolution | 480, 272 |
| Project ID | 0 | Logging language | Startup language | | |

Screens

| | | | | | |
|--|-----|-----------------------------|-----------|------|--------|
| Bit selection for text and graphic lists | Off | User-defined pictogram size | Unchecked | X,Y: | 64, 45 |
|--|-----|-----------------------------|-----------|------|--------|

Keyboard

| | | | | | |
|---------------------|---------|------------------------|-----------|-------------------------------------|-----------|
| Use screen keyboard | Checked | Release button on exit | Unchecked | Disable dialog window function keys | Unchecked |
|---------------------|---------|------------------------|-----------|-------------------------------------|-----------|

Alarms

Controller alarms

| | | | | | |
|---------------------------------------|---------|---------------------------|-----------|-----------------------|------------------|
| Buffer overflow | 10 % | Acknowledgment group text | QGR | Use alarm class color | Unchecked |
| Use help texts for system diagnostics | Checked | System event duration | 2 Seconds | Connection | HMI_Connection_1 |

User administration

| | | | | | |
|---------------------------------|-----------|-------------------------|-----------|--------------------------------|-----------|
| Enable limit for logon attempts | Checked | Invalid logon attempts | 3 | Logon with password | Unchecked |
| Group-specific rights | Unchecked | Password aging | Unchecked | Validity period | 90 |
| Warning period | 7 | Password generations | 3 | At least one special character | Unchecked |
| At least one number | Unchecked | Minimum password length | 3 | | |

Language & font

| | |
|-------------------------|-------------------------|
| Preset runtime language | English (United States) |
|-------------------------|-------------------------|

English (United States)

| | | | | | |
|-------------------|---------|--------------|--------|--------------|------------------|
| Runtime language | Checked | Fixed font 1 | Tahoma | Default font | Tahoma, 11 Pixel |
| Configured font 1 | | | | | |

Tag settings

| | | | | | |
|--|---------|---|-----------|--|---------|
| Replace the separators on each sub-level of the path of the PLC tag: | Checked | Compatibility mode: Set '_' between the PLC tags and the first-level element. | Unchecked | Replace the '.' character if the name of the HMI tag is created from the PLC tag name | Checked |
| Use '_' as the replacement character | Checked | Use ';' as the replacement character | Unchecked | Replace the characters '[' and ']' if the name of the HMI tag is created from the PLC tag name | Checked |
| Use '{' and '}' as replacement characters | Checked | Use '(' and ')' as replacement characters | Unchecked | | |

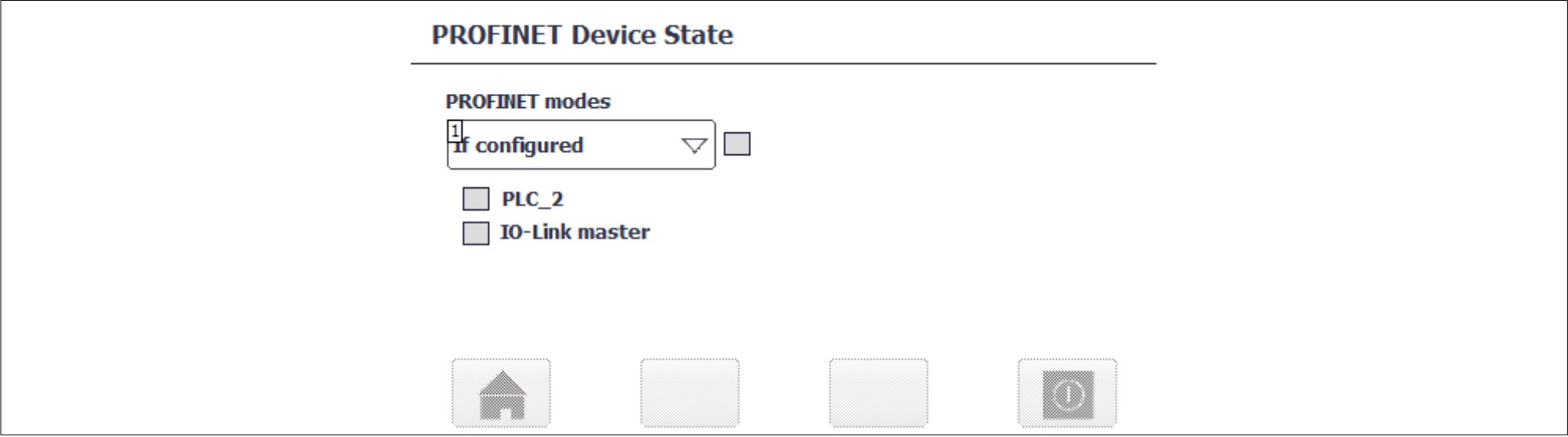
Settings for the prefix 'PLC' in the HMI tag name

| | | | |
|------------|------------------|--|-----------|
| Connection | HMI_Connection_1 | PLC name as prefix in the HMI tag name | Unchecked |
|------------|------------------|--|-----------|

Task1_V15 / HMI_1 [KTP400 Basic PN] / Screens

Root screen

Hardcopy of Root screen



| General | | | | | |
|--------------|-------------|------------------|---------------|------------|---------|
| Name | Root screen | Background color | 255, 255, 255 | Grid color | 0, 0, 0 |
| Number | 1 | Template | Template_1 | Tooltip | |
| Layers | | | | | |
| Active layer | 0 | | | | |

| | |
|----------|---------|
| Layer_0 | Checked |
| Layer_1 | Checked |
| Layer_2 | Checked |
| Layer_3 | Checked |
| Layer_4 | Checked |
| Layer_5 | Checked |
| Layer_6 | Checked |
| Layer_7 | Checked |
| Layer_8 | Checked |
| Layer_9 | Checked |
| Layer_10 | Checked |
| Layer_11 | Checked |
| Layer_12 | Checked |
| Layer_13 | Checked |
| Layer_14 | Checked |
| Layer_15 | Checked |
| Layer_16 | Checked |
| Layer_17 | Checked |
| Layer_18 | Checked |
| Layer_19 | Checked |
| Layer_20 | Checked |
| Layer_21 | Checked |
| Layer_22 | Checked |
| Layer_23 | Checked |
| Layer_24 | Checked |
| Layer_25 | Checked |
| Layer_26 | Checked |
| Layer_27 | Checked |
| Layer_28 | Checked |
| Layer_29 | Checked |
| Layer_30 | Checked |
| Layer_31 | Checked |

Text field_1

| | | | | | |
|--------------------|--------------------------|-------------------------|--------------|------------------------|-------------|
| Type | Text field | | | | |
| General | | | | | |
| Text | PROFINET Device State | | | | |
| Appearance | | | | | |
| Background color | 255, 255, 255 | Background fill pattern | Transparent | Corner radius (border) | 3 |
| Foreground color | 49, 52, 74 | Border width | 0 | Line style | Double line |
| Border color | 66, 73, 82 | Border background color | 99, 101, 115 | | |
| Layout | | | | | |
| X position | 12 | Y position | 9 | Width | 197 |
| Height | 23 | Left margin | 3 | Top margin | 2 |
| Right margin | 2 | Bottom margin | 2 | Fit object to contents | Checked |
| Text format | | | | | |
| Font | Tahoma, 16px, style=Bold | Orientation | Horizontal | Horizontal alignment | Left |
| Vertical alignment | Middle | Line break | Unchecked | | |
| Flashing | | | | | |
| Flashing | Disabled | | | | |
| Styles/Designs | | | | | |
| Use style/design | Unchecked | Style item appearance | | | |

| | | | | | | |
|--------------------------------------|--------------------------|-------------------------|---------------|------------------------|--------------|--|
| Totally Integrated Automation Portal | | | | | | |
| Miscellaneous | | | | | | |
| Name | Text field_1 | Layer | 0 - Layer_0 | | | |
| Softkey_F4 | | | | | | |
| Type | Function key | | | | | |
| General | | | | | | |
| Key code | 223 | Global assignment | Checked | Graphic | | |
| Authorization | | LED tag | | Bit in the LED tag | 0 | |
| Rectangle_1 | | | | | | |
| Type | Rectangle | | | | | |
| Appearance | | | | | | |
| Background color | 222, 219, 222 | Background fill pattern | Solid | Border width | 1 | |
| Line style | Solid | Border color | 24, 28, 49 | | | |
| Layout | | | | | | |
| X position | 35 | Y position | 118 | Width | 17 | |
| Height | 15 | Round corner width | 0 | Round corner height | 0 | |
| Styles/Designs | | | | | | |
| Use style/design | Unchecked | Style item appearance | | | | |
| Miscellaneous | | | | | | |
| Name | Rectangle_1 | Layer | 0 - Layer_0 | | | |
| Dynamizations\Appearance | | | | | | |
| Tag - Cycle | PLC_2_status - | Data type | Range | Range | 0..0 | |
| Foreground color | 24, 28, 49 | Background color | 198, 195, 198 | Flashing | No | |
| Range | 1..1 | Foreground color | 24, 28, 49 | Background color | 49, 101, 255 | |
| Flashing | No | | | | | |
| Rectangle_2 | | | | | | |
| Type | Rectangle | | | | | |
| Appearance | | | | | | |
| Background color | 222, 219, 222 | Background fill pattern | Solid | Border width | 1 | |
| Line style | Solid | Border color | 24, 28, 49 | | | |
| Layout | | | | | | |
| X position | 35 | Y position | 140 | Width | 17 | |
| Height | 15 | Round corner width | 0 | Round corner height | 0 | |
| Styles/Designs | | | | | | |
| Use style/design | Unchecked | Style item appearance | | | | |
| Miscellaneous | | | | | | |
| Name | Rectangle_2 | Layer | 0 - Layer_0 | | | |
| Dynamizations\Appearance | | | | | | |
| Tag - Cycle | IO-Link_master_status - | Data type | Range | Range | 0..0 | |
| Foreground color | 24, 28, 49 | Background color | 198, 195, 198 | Flashing | No | |
| Range | 1..1 | Foreground color | 24, 28, 49 | Background color | 49, 101, 255 | |
| Flashing | No | | | | | |
| Text field_2 | | | | | | |
| Type | Text field | | | | | |
| General | | | | | | |
| Text | PLC_2 | | | | | |
| Appearance | | | | | | |
| Background color | 255, 255, 255 | Background fill pattern | Transparent | Corner radius (border) | 3 | |
| Foreground color | 49, 52, 74 | Border width | 0 | Line style | Double line | |
| Border color | 66, 73, 82 | Border background color | 99, 101, 115 | | | |
| Layout | | | | | | |
| X position | 57 | Y position | 115 | Width | 48 | |
| Height | 20 | Left margin | 3 | Top margin | 2 | |
| Right margin | 2 | Bottom margin | 2 | Fit object to contents | Checked | |
| Text format | | | | | | |
| Font | Tahoma, 13px, style=Bold | Orientation | Horizontal | Horizontal alignment | Left | |
| Vertical alignment | Middle | Line break | Unchecked | | | |
| Flashing | | | | | | |
| Flashing | Disabled | | | | | |
| Styles/Designs | | | | | | |
| Use style/design | Unchecked | Style item appearance | | | | |
| Miscellaneous | | | | | | |
| Name | Text field_2 | Layer | 0 - Layer_0 | | | |
| Text field_3 | | | | | | |
| Type | Text field | | | | | |
| General | | | | | | |
| Text | IO-Link master | | | | | |
| Appearance | | | | | | |
| Background color | 255, 255, 255 | Background fill pattern | Transparent | Corner radius (border) | 3 | |
| Foreground color | 49, 52, 74 | Border width | 0 | Line style | Double line | |
| Border color | 66, 73, 82 | Border background color | 99, 101, 115 | | | |
| | | | | | | |
| | | | | | | |

| | | | | | | |
|--------------------------------------|--|--|--|--|--|--|
| Totally Integrated Automation Portal | | | | | | |
|--------------------------------------|--|--|--|--|--|--|

Layout

| | | | | | |
|--------------|----|---------------|-----|------------------------|---------|
| X position | 56 | Y position | 136 | Width | 100 |
| Height | 20 | Left margin | 3 | Top margin | 2 |
| Right margin | 2 | Bottom margin | 2 | Fit object to contents | Checked |

Text format

| | | | | | |
|--------------------|--------------------------|-------------|------------|----------------------|------|
| Font | Tahoma, 13px, style=Bold | Orientation | Horizontal | Horizontal alignment | Left |
| Vertical alignment | Middle | Line break | Unchecked | | |

Flashing

| | | | | | |
|----------|----------|--|--|--|--|
| Flashing | Disabled | | | | |
|----------|----------|--|--|--|--|

Styles/Designs

| | | | | | |
|------------------|-----------|-----------------------|--|--|--|
| Use style/design | Unchecked | Style item appearance | | | |
|------------------|-----------|-----------------------|--|--|--|

Miscellaneous

| | | | | | |
|------|--------------|-------|-------------|--|--|
| Name | Text field_3 | Layer | 0 - Layer_0 | | |
|------|--------------|-------|-------------|--|--|

Symbolic I/O field_2

Type

Symbolic I/O field

General

| | | | | | |
|-----------------|-----------------|-------------------------|---|---------|--------------|
| Process value | 0 | Bit number | 0 | Mode | Input/output |
| Value status ON | 1 | Text OFF | 0 | Text ON | 1 |
| Text list | PROFINET_Status | Number of visible items | 3 | | |

Appearance

| | | | | | |
|------------------|---------------|-------------------------|--------------|------------------------|-------------|
| Background color | 255, 255, 255 | Background fill pattern | Solid | Corner radius (border) | 3 |
| Foreground color | 49, 52, 74 | Border width | 1 | Line style | Double line |
| Border color | 66, 73, 82 | Border background color | 99, 101, 115 | | |

Design

| | | | | | |
|-------------------------------|---------------|-------------------------------|---------|-------------------|---------------|
| Foreground color of selection | 255, 255, 255 | Background color of selection | 0, 0, 0 | Alternative color | 231, 231, 239 |
|-------------------------------|---------------|-------------------------------|---------|-------------------|---------------|

Layout

| | | | | | |
|------------------------|---------|----------------------|---------|------------------------|-----------|
| X position | 25 | Y position | 75 | Width | 171 |
| Height | 32 | Left margin | 3 | Top margin | 2 |
| Right margin | 2 | Bottom margin | 2 | Fit object to contents | Unchecked |
| Display selection list | Checked | Show selection field | Checked | | |

Text format

| | | | | | |
|--------------------|--------------------------|-------------|------------|----------------------|------|
| Font | Tahoma, 13px, style=Bold | Orientation | Horizontal | Horizontal alignment | Left |
| Vertical alignment | Middle | | | | |

Limits

| | | | | | |
|-------------------------------|-------------|------------------------------|--------------|--|--|
| Color for High limit violated | 239, 89, 99 | Color for Low limit violated | 247, 162, 41 | | |
|-------------------------------|-------------|------------------------------|--------------|--|--|

Styles/Designs

| | | | | | |
|------------------|-----------|-----------------------|--|--|--|
| Use style/design | Unchecked | Style item appearance | | | |
|------------------|-----------|-----------------------|--|--|--|

Miscellaneous

| | | | | | |
|------|----------------------|-------|-------------|---------|--|
| Name | Symbolic I/O field_2 | Layer | 0 - Layer_0 | Tooltip | |
|------|----------------------|-------|-------------|---------|--|

Security

| | | | | | |
|---------------|--|------------------------|---------|--|--|
| Authorization | | Allow operator control | Checked | | |
|---------------|--|------------------------|---------|--|--|

Dynamizations\Tag connection

| | | | | | |
|---------------|---------------|-----|---------------|--|--|
| Property name | Process value | Tag | PROFINET_Mode | | |
|---------------|---------------|-----|---------------|--|--|

Line_1

Type

Line

Appearance

| | | | | | |
|------------------|---------------|----------------|-------------|------------------|------------|
| Line width | 1 | Line style | Solid | Color | 24, 28, 49 |
| Background color | 255, 255, 255 | Fill pattern | Transparent | Line-start style | Default |
| Line-end style | Default | Line-end shape | Flush | | |

Layout

| | | | | | |
|---------------------|-----|-----------------------|----|-----------------------|-----|
| X position | 2 | Y position | 39 | Width | 475 |
| Height | 0 | Line start X position | 2 | Line start Y position | 39 |
| Line end X position | 477 | Line end Y position | 39 | | |

Styles/Designs

| | | | | | |
|------------------|-----------|-----------------------|--|--|--|
| Use style/design | Unchecked | Style item appearance | | | |
|------------------|-----------|-----------------------|--|--|--|

Miscellaneous

| | | | | | |
|------|--------|-------|-------------|--|--|
| Name | Line_1 | Layer | 0 - Layer_0 | | |
|------|--------|-------|-------------|--|--|

Text field_4

Type

Text field

General

| | | | | | |
|------|----------------|--|--|--|--|
| Text | PROFINET modes | | | | |
|------|----------------|--|--|--|--|

Appearance

| | | | | | |
|------------------|---------------|-------------------------|--------------|------------------------|-------------|
| Background color | 255, 255, 255 | Background fill pattern | Transparent | Corner radius (border) | 3 |
| Foreground color | 49, 52, 74 | Border width | 0 | Line style | Double line |
| Border color | 66, 73, 82 | Border background color | 99, 101, 115 | | |

Layout

| | | | | | |
|--------------|----|---------------|----|------------------------|---------|
| X position | 21 | Y position | 53 | Width | 110 |
| Height | 20 | Left margin | 3 | Top margin | 2 |
| Right margin | 2 | Bottom margin | 2 | Fit object to contents | Checked |

Text format

| | | | | | |
|--------------------|--------------------------|-------------|------------|----------------------|------|
| Font | Tahoma, 13px, style=Bold | Orientation | Horizontal | Horizontal alignment | Left |
| Vertical alignment | Middle | Line break | Unchecked | | |

| | | | | | | | |
|--------------------------------------|---------------|--|-------------------------|---------------|--------------|---------------------|--------------|
| Totally Integrated Automation Portal | | | | | | | |
| Flashing | | | | | | | |
| Flashing | Disabled | | | | | | |
| Styles/Designs | | | | | | | |
| Use style/design | Unchecked | | Style item appearance | | | | |
| Miscellaneous | | | | | | | |
| Name | Text field_4 | | Layer | 0 - Layer_0 | | | |
| Rectangle_3 | | | | | | | |
| Type | Rectangle | | | | | | |
| Appearance | | | | | | | |
| Background color | 222, 219, 222 | | Background fill pattern | Solid | Border width | 1 | |
| Line style | Solid | | Border color | 24, 28, 49 | | | |
| Layout | | | | | | | |
| X position | 201 | | Y position | 83 | | Width | 17 |
| Height | 15 | | Round corner width | 0 | | Round corner height | 0 |
| Styles/Designs | | | | | | | |
| Use style/design | Unchecked | | Style item appearance | | | | |
| Miscellaneous | | | | | | | |
| Name | Rectangle_3 | | Layer | 0 - Layer_0 | | | |
| Dynamizations\Appearance | | | | | | | |
| Tag - Cycle | COM_Status - | | Data type | Range | Range | 0..0 | |
| Foreground color | 24, 28, 49 | | Background color | 198, 195, 198 | | Flashing | No |
| Range | 1..1 | | Foreground color | 24, 28, 49 | | Background color | 49, 101, 255 |
| Flashing | No | | | | | | |
| | | | | | | | |

Totally Integrated Automation Portal

Task1_V15 / HMI_1 [KTP400 Basic PN] / Screen management / Templates

Template_1

Hardcopy of Template_1

General

Name

Template_1

Background color

181, 182, 181

Grid color

0, 0, 0

Tab sequence in foreground

Checked

Layers

Active layer

0

Layer_0

Checked

Layer_1

Checked

Layer_2

Checked

Layer_3

Checked

Layer_4

Checked

Layer_5

Checked

Layer_6

Checked

Layer_7

Checked

Layer_8

Checked

Layer_9

Checked

Layer_10

Checked

Layer_11

Checked

Layer_12

Checked

Layer_13

Checked

Layer_14

Checked

Layer_15

Checked

Layer_16

Checked

Layer_17

Checked

Layer_18

Checked

Layer_19

Checked

Layer_20

Checked

Layer_21

Checked

Layer_22

Checked

Layer_23

Checked

Layer_24

Checked

Layer_25

Checked

Layer_26

Checked

Layer_27

Checked

Layer_28

Checked

Layer_29

Checked

Layer_30

Checked

Layer_31

Checked

Template_Button

Type

Button

General

Mode

Graphic

Hotkey

None

Text OFF

ExitRuntime

Text ON

ExitRuntime

Text list

Graphic OFF

ExitRuntime_KTP400_Basic_PN_TR

Graphic ON

ExitRuntime_KTP400_Basic_PN_TR

Graphic list

Process value

Bit number

0

Appearance

Background color

239, 235, 239

Background fill pattern

Vertical gradient

Corner radius (border)

3

Foreground color

49, 52, 74

Border width

1

Line style

Solid

Border color

156, 154, 165

Border background color

107, 105, 107

Fill pattern

Background color gradient (fill pattern)

231, 227, 231

Gradient 1 (fill pattern)

Checked

Color gradient 1 (fill pattern)

247, 247, 247

Offset gradient 1 (fill pattern)

15

Gradient 2 (fill pattern)

Checked

Color gradient 2 (fill pattern)

222, 215, 214

Offset gradient 2 (fill pattern)

15

Design

Focus width

2

Focus color

148, 182, 231

| | | | | | | |
|--|--------------------------|-----------------------------|-------------------|-------------------------------------|---------------|--|
| Totally Integrated Automation Portal | | | | | | |
| Layout | | | | | | |
| X position | 388 | Y position | 227 | Width | 63 | |
| Height | 44 | Fit graphic to size | Stretch graphic | Horizontal alignment of the graphic | Centered | |
| Vertical alignment of the graphic | Middle | Fit object to contents | Unchecked | Margin left text (layout) | 0 | |
| Margin top text (layout) | 0 | Margin right text (layout) | 0 | Margin bottom text (layout) | 0 | |
| Margin left graphic (layout) | 0 | Margin top graphic (layout) | 0 | Margin right graphic (layout) | 0 | |
| Margin bottom graphic (layout) | 0 | | | | | |
| Text format | | | | | | |
| Font | Tahoma, 13px, style=Bold | Orientation | Horizontal | Horizontal alignment of the text | Centered | |
| Vertical alignment of the text | Middle | | | | | |
| Styles/Designs | | | | | | |
| Use style/design | Unchecked | Style item appearance | | | | |
| Miscellaneous | | | | | | |
| Name | Template_Button | Layer | 0 - Layer_0 | Tooltip | | |
| Security | | | | | | |
| Authorization | | Allow operator control | Checked | | | |
| Dynamizations\Event | | | | | | |
| Event name | | Release | | | | |
| Function list\StopRuntime | | | | | | |
| Mode | | Runtime | | | | |
| Template_Button_1 | | | | | | |
| Type | Button | | | | | |
| General | | | | | | |
| Mode | Text | Hotkey | None | Text OFF | | |
| Text ON | | Text list | | Graphic OFF | | |
| Graphic ON | | Graphic list | | Process value | | |
| Bit number | 0 | | | | | |
| Appearance | | | | | | |
| Background color | 239, 235, 239 | Background fill pattern | Vertical gradient | Corner radius (border) | 3 | |
| Foreground color | 49, 52, 74 | Border width | 1 | Line style | Solid | |
| Border color | 156, 154, 165 | Border background color | 107, 105, 107 | | | |
| Fill pattern | | | | | | |
| Background color gradient (fill pattern) | 231, 227, 231 | Gradient 1 (fill pattern) | Checked | Color gradient 1 (fill pattern) | 247, 247, 247 | |
| Offset gradient 1 (fill pattern) | 15 | Gradient 2 (fill pattern) | Checked | Color gradient 2 (fill pattern) | 222, 215, 214 | |
| Offset gradient 2 (fill pattern) | 15 | | | | | |
| Design | | | | | | |
| Focus width | 2 | Focus color | 148, 182, 231 | | | |
| Layout | | | | | | |
| X position | 268 | Y position | 227 | Width | 63 | |
| Height | 44 | Fit graphic to size | Stretch graphic | Horizontal alignment of the graphic | Centered | |
| Vertical alignment of the graphic | Middle | Fit object to contents | Unchecked | Margin left text (layout) | 0 | |
| Margin top text (layout) | 0 | Margin right text (layout) | 0 | Margin bottom text (layout) | 0 | |
| Margin left graphic (layout) | 0 | Margin top graphic (layout) | 0 | Margin right graphic (layout) | 0 | |
| Margin bottom graphic (layout) | 0 | | | | | |
| Text format | | | | | | |
| Font | Tahoma, 13px, style=Bold | Orientation | Horizontal | Horizontal alignment of the text | Centered | |
| Vertical alignment of the text | Middle | | | | | |
| Styles/Designs | | | | | | |
| Use style/design | Unchecked | Style item appearance | | | | |
| Miscellaneous | | | | | | |
| Name | Template_Button_1 | Layer | 0 - Layer_0 | Tooltip | | |
| Security | | | | | | |
| Authorization | | Allow operator control | Checked | | | |
| Template_Button_2 | | | | | | |
| Type | Button | | | | | |
| General | | | | | | |
| Mode | Text | Hotkey | None | Text OFF | | |
| Text ON | | Text list | | Graphic OFF | | |
| Graphic ON | | Graphic list | | Process value | | |
| Bit number | 0 | | | | | |
| | | | | | | |
| | | | | | | |

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|--|---------------------------------|-----------------------------|-------------------|-------------------------------------|---------------------------------|--|
| Totally Integrated Automation Portal | | | | | | |
| Appearance | | | | | | |
| Background color | 239, 235, 239 | Background fill pattern | Vertical gradient | Corner radius (border) | 3 | |
| Foreground color | 49, 52, 74 | Border width | 1 | Line style | Solid | |
| Border color | 156, 154, 165 | Border background color | 107, 105, 107 | | | |
| Fill pattern | | | | | | |
| Background color gradient (fill pattern) | 231, 227, 231 | Gradient 1 (fill pattern) | Checked | Color gradient 1 (fill pattern) | 247, 247, 247 | |
| Offset gradient 1 (fill pattern) | 15 | Gradient 2 (fill pattern) | Checked | Color gradient 2 (fill pattern) | 222, 215, 214 | |
| Offset gradient 2 (fill pattern) | 15 | | | | | |
| Design | | | | | | |
| Focus width | 2 | Focus color | 148, 182, 231 | | | |
| Layout | | | | | | |
| X position | 148 | Y position | 227 | Width | 63 | |
| Height | 44 | Fit graphic to size | Stretch graphic | Horizontal alignment of the graphic | Centered | |
| Vertical alignment of the graphic | Middle | Fit object to contents | Unchecked | Margin left text (layout) | 0 | |
| Margin top text (layout) | 0 | Margin right text (layout) | 0 | Margin bottom text (layout) | 0 | |
| Margin left graphic (layout) | 0 | Margin top graphic (layout) | 0 | Margin right graphic (layout) | 0 | |
| Margin bottom graphic (layout) | 0 | | | | | |
| Text format | | | | | | |
| Font | Tahoma, 13px, style=Bold | Orientation | Horizontal | Horizontal alignment of the text | Centered | |
| Vertical alignment of the text | Middle | | | | | |
| Styles/Designs | | | | | | |
| Use style/design | Unchecked | Style item appearance | | | | |
| Miscellaneous | | | | | | |
| Name | Template_Button_2 | Layer | 0 - Layer_0 | Tooltip | | |
| Security | | | | | | |
| Authorization | | Allow operator control | Checked | | | |
| Template_Button_3 | | | | | | |
| Type | Button | | | | | |
| General | | | | | | |
| Mode | Graphic | Hotkey | None | Text OFF | NavigateHome | |
| Text ON | NavigateHome | Text list | | Graphic OFF | NavigateHome_KTP400_Basic_PN_TR | |
| Graphic ON | NavigateHome_KTP400_Basic_PN_TR | Graphic list | | Process value | | |
| Bit number | 0 | | | | | |
| Appearance | | | | | | |
| Background color | 239, 235, 239 | Background fill pattern | Vertical gradient | Corner radius (border) | 3 | |
| Foreground color | 49, 52, 74 | Border width | 1 | Line style | Solid | |
| Border color | 156, 154, 165 | Border background color | 107, 105, 107 | | | |
| Fill pattern | | | | | | |
| Background color gradient (fill pattern) | 231, 227, 231 | Gradient 1 (fill pattern) | Checked | Color gradient 1 (fill pattern) | 247, 247, 247 | |
| Offset gradient 1 (fill pattern) | 15 | Gradient 2 (fill pattern) | Checked | Color gradient 2 (fill pattern) | 222, 215, 214 | |
| Offset gradient 2 (fill pattern) | 15 | | | | | |
| Design | | | | | | |
| Focus width | 2 | Focus color | 148, 182, 231 | | | |
| Layout | | | | | | |
| X position | 28 | Y position | 227 | Width | 63 | |
| Height | 44 | Fit graphic to size | Stretch graphic | Horizontal alignment of the graphic | Centered | |
| Vertical alignment of the graphic | Middle | Fit object to contents | Unchecked | Margin left text (layout) | 0 | |
| Margin top text (layout) | 0 | Margin right text (layout) | 0 | Margin bottom text (layout) | 0 | |
| Margin left graphic (layout) | 0 | Margin top graphic (layout) | 0 | Margin right graphic (layout) | 0 | |
| Margin bottom graphic (layout) | 0 | | | | | |
| Text format | | | | | | |
| Font | Tahoma, 13px, style=Bold | Orientation | Horizontal | Horizontal alignment of the text | Centered | |
| Vertical alignment of the text | Middle | | | | | |
| Styles/Designs | | | | | | |
| Use style/design | Unchecked | Style item appearance | | | | |
| Miscellaneous | | | | | | |
| Name | Template_Button_3 | Layer | 0 - Layer_0 | Tooltip | | |
| Security | | | | | | |
| Authorization | | Allow operator control | Checked | | | |
| | | | | | | |
| | | | | | | |

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| Totally Integrated Automation Portal | | |
| Dynamizations\Event | | |
| Event name | Release | |
| Function list\ActivateScreen | | |
| Screen name | Root screen | Object number |
| | | 0 |

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| Totally Integrated Automation Portal | | |
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Task1_V15 / HMI_1 [KTP400 Basic PN] / Screen management

Global screen

Hardcopy of Global screen

| General | | | | | |
|---------|---------------|------------------|---------------|------------|---------|
| Name | Global screen | Background color | 181, 182, 181 | Grid color | 0, 0, 0 |

| | | |
|---|--|--|
| Totally Integrated Automation Portal | | |
| <div>Task1_V15 / HMI_1 [KTP400 Basic PN] / HMI tags</div> <div>Default tag table [0]</div> <div>This folder is empty.</div> | | |
| | | |

Totally Integrated Automation Portal

Task1_V15 / HMI_1 [KTP400 Basic PN] / HMI tags

PROFINET_States [4]

PROFINET_Mode

| General | | | | | |
|----------------------------------|-------------------|------------------------------------|---------------------|-----------------------------|--------|
| Name | PROFINET_Mode | Connection | HMI_Connection_1 | Data type | UInt |
| Array elements | 0 | Length | 2 | Address | |
| Access mode | <symbolic access> | PLC tag | ModuleStatus.Mode | Coding | Binary |
| PLC name | PLC_1 | | | | |
| Settings | | | | | |
| Acquisition cycle | 1 s | Acquisition mode | Cyclic in operation | | |
| Limits | | | | | |
| Upper 2 | | Lower 2 | | | |
| Linear scaling | | | | | |
| Linear scaling | Unchecked | PLC value range end value | 10 | PLC value range start value | 0 |
| HMI device value range end value | 100 | HMI device value range start value | 0 | | |
| Values | | | | | |
| ID tag | | Start value | | | |
| Comment | | | | | |
| Comment | | Source comment | | | |
| Multiplexing | | | | | |
| Multiplexing | Unchecked | Index tag | | | |

PLC_2_status

| General | | | | | |
|----------------------------------|-------------------|------------------------------------|-----------------------|-----------------------------|--------|
| Name | PLC_2_status | Connection | HMI_Connection_1 | Data type | Bool |
| Array elements | 0 | Length | 1 | Address | |
| Access mode | <symbolic access> | PLC tag | ModuleStatus.State[1] | Coding | Binary |
| PLC name | PLC_1 | | | | |
| Settings | | | | | |
| Acquisition cycle | 1 s | Acquisition mode | Cyclic in operation | | |
| Limits | | | | | |
| Upper 2 | | Lower 2 | | | |
| Linear scaling | | | | | |
| Linear scaling | Unchecked | PLC value range end value | 10 | PLC value range start value | 0 |
| HMI device value range end value | 100 | HMI device value range start value | 0 | | |
| Values | | | | | |
| ID tag | | Start value | | | |
| Comment | | | | | |
| Comment | | Source comment | Device number 1 | | |
| Multiplexing | | | | | |
| Multiplexing | Unchecked | Index tag | | | |

IO-Link_master_status

| General | | | | | |
|----------------------------------|-----------------------|------------------------------------|-----------------------|-----------------------------|--------|
| Name | IO-Link_master_status | Connection | HMI_Connection_1 | Data type | Bool |
| Array elements | 0 | Length | 1 | Address | |
| Access mode | <symbolic access> | PLC tag | ModuleStatus.State[2] | Coding | Binary |
| PLC name | PLC_1 | | | | |
| Settings | | | | | |
| Acquisition cycle | 1 s | Acquisition mode | Cyclic in operation | | |
| Limits | | | | | |
| Upper 2 | | Lower 2 | | | |
| Linear scaling | | | | | |
| Linear scaling | Unchecked | PLC value range end value | 10 | PLC value range start value | 0 |
| HMI device value range end value | 100 | HMI device value range start value | 0 | | |
| Values | | | | | |
| ID tag | | Start value | | | |
| Comment | | | | | |
| Comment | | Source comment | Device number 2 | | |
| Multiplexing | | | | | |
| Multiplexing | Unchecked | Index tag | | | |

COM_Status

| General | | | | | |
|-------------------|-------------------|---------------------------|-----------------------|-----------------------------|--------|
| Name | COM_Status | Connection | HMI_Connection_1 | Data type | Bool |
| Array elements | 0 | Length | 1 | Address | |
| Access mode | <symbolic access> | PLC tag | ModuleStatus.State[0] | Coding | Binary |
| PLC name | PLC_1 | | | | |
| Settings | | | | | |
| Acquisition cycle | 1 s | Acquisition mode | Cyclic in operation | | |
| Limits | | | | | |
| Upper 2 | | Lower 2 | | | |
| Linear scaling | | | | | |
| Linear scaling | Unchecked | PLC value range end value | 10 | PLC value range start value | 0 |

| | | | | |
|--------------------------------------|-----------|------------------------------------|-------------------------|--|
| Totally Integrated Automation Portal | | | | |
| HMI device value range end value | 100 | HMI device value range start value | 0 | |
| Values | | | | |
| ID tag | | Start value | | |
| Comment | | | | |
| Comment | | Source comment | COM for all the devices | |
| Multiplexing | | | | |
| Multiplexing | Unchecked | Index tag | | |
| | | | | |

Totally Integrated Automation Portal

Task1_V15 / HMI_1 [KTP400 Basic PN]

Connections

HMI_Connection_1

| | | | | | |
|--------|---|-------------------------------|-------------------|---------|-------|
| Name | HMI_Connection_1 | Communication driver | SIMATIC S7 1200 | Comment | |
| Online | Checked | Station | S7-1200 station_1 | Partner | PLC_1 |
| Node | CPU 1212C AC/DC/Rly, PROFINET interface (R0/S1) | HMI time synchronization mode | None | | |

Parameter

| | | | | | |
|------------|---------------|---------|---------------|--------------|----------|
| HMI device | | | | | |
| Interface | PROFINET (X1) | Address | 192.168.1.101 | Access point | S7ONLINE |
| PLC | | | | | |
| Address | 192.168.1.100 | | | | |

| | | |
|---|--|--|
| Totally Integrated Automation Portal | | |
| <div>Task1_V15 / HMI_1 [KTP400 Basic PN] / HMI alarms</div> <div>Discrete alarms</div> <div>This folder is empty.</div> | | |
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| Totally Integrated Automation Portal | | |
| <div>Task1_V15 / HMI_1 [KTP400 Basic PN] / HMI alarms</div> <div>Analog alarms</div> <div>This folder is empty.</div> | | |
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| Totally Integrated Automation Portal | | |
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Task1_V15 / HMI_1 [KTP400 Basic PN] / HMI alarms

Alarm groups

Alarm_group_1

| General | | | |
|---------|---------------|----|---|
| Name | Alarm_group_1 | ID | 1 |

Alarm_group_10

| General | | | |
|---------|----------------|----|----|
| Name | Alarm_group_10 | ID | 10 |

Alarm_group_11

| General | | | |
|---------|----------------|----|----|
| Name | Alarm_group_11 | ID | 11 |

Alarm_group_12

| General | | | |
|---------|----------------|----|----|
| Name | Alarm_group_12 | ID | 12 |

Alarm_group_13

| General | | | |
|---------|----------------|----|----|
| Name | Alarm_group_13 | ID | 13 |

Alarm_group_14

| General | | | |
|---------|----------------|----|----|
| Name | Alarm_group_14 | ID | 14 |

Alarm_group_15

| General | | | |
|---------|----------------|----|----|
| Name | Alarm_group_15 | ID | 15 |

Alarm_group_16

| General | | | |
|---------|----------------|----|----|
| Name | Alarm_group_16 | ID | 16 |

Alarm_group_2

| General | | | |
|---------|---------------|----|---|
| Name | Alarm_group_2 | ID | 2 |

Alarm_group_3

| General | | | |
|---------|---------------|----|---|
| Name | Alarm_group_3 | ID | 3 |

Alarm_group_4

| General | | | |
|---------|---------------|----|---|
| Name | Alarm_group_4 | ID | 4 |

Alarm_group_5

| General | | | |
|---------|---------------|----|---|
| Name | Alarm_group_5 | ID | 5 |

Alarm_group_6

| General | | | |
|---------|---------------|----|---|
| Name | Alarm_group_6 | ID | 6 |

Alarm_group_7

| General | | | |
|---------|---------------|----|---|
| Name | Alarm_group_7 | ID | 7 |

Alarm_group_8

| General | | | |
|---------|---------------|----|---|
| Name | Alarm_group_8 | ID | 8 |

Alarm_group_9

| General | | | |
|---------|---------------|----|---|
| Name | Alarm_group_9 | ID | 9 |

| | | |
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Totally Integrated Automation Portal

Task1_V15 / HMI_1 [KTP400 Basic PN] / HMI alarms

Alarm classes

Acknowledgement

| | | | | | |
|-------------------------------------|--|------------------------|-----------|--|---------------|
| General | | | | | |
| Name | Acknowledgement | Display name | A | ID | 33 |
| Common alarm class | Acknowledgement | Alarm log | <No log> | | |
| Acknowledgment | | | | | |
| State machine | Alarm with single-mode acknowledg-ment | | | | |
| State texts | | | | | |
| Text for "Incoming" | I | Text for "Outgoing" | O | Text for "Acknowl-edged" | A |
| Colors | | | | | |
| Background "Incom-ing/Acknowledged" | 255, 255, 255 | Background "Incom-ing" | 255, 0, 0 | Background "Incom-ing/Outgoing/Acknowledged" | 255, 255, 255 |
| Background "Incom-ing/Outgoing" | 255, 0, 0 | | | | |

Errors

| | | | | | |
|-------------------------------------|--|------------------------|-----------|--|---------------|
| General | | | | | |
| Name | Errors | Display name | ! | ID | 1 |
| Common alarm class | <No alarm class> | Alarm log | <No log> | | |
| Acknowledgment | | | | | |
| State machine | Alarm with single-mode acknowledg-ment | | | | |
| State texts | | | | | |
| Text for "Incoming" | I | Text for "Outgoing" | O | Text for "Acknowl-edged" | A |
| Colors | | | | | |
| Background "Incom-ing/Acknowledged" | 255, 255, 255 | Background "Incom-ing" | 255, 0, 0 | Background "Incom-ing/Outgoing/Acknowledged" | 255, 255, 255 |
| Background "Incom-ing/Outgoing" | 255, 0, 0 | | | | |

No Acknowledgement

| | | | | | |
|-------------------------------------|------------------------------|------------------------|-----------|--|---------------|
| General | | | | | |
| Name | No Acknowledgement | Display name | NA | ID | 34 |
| Common alarm class | No Acknowledgement | Alarm log | <No log> | | |
| Acknowledgment | | | | | |
| State machine | Alarm without acknowledgment | | | | |
| State texts | | | | | |
| Text for "Incoming" | I | Text for "Outgoing" | O | Text for "Acknowl-edged" | A |
| Colors | | | | | |
| Background "Incom-ing/Acknowledged" | 255, 255, 255 | Background "Incom-ing" | 255, 0, 0 | Background "Incom-ing/Outgoing/Acknowledged" | 255, 255, 255 |
| Background "Incom-ing/Outgoing" | 255, 0, 0 | | | | |

System

| | | | | | |
|-------------------------------------|------------------------------|------------------------|---------------|--|---------------|
| General | | | | | |
| Name | System | Display name | \$ | ID | 3 |
| Common alarm class | <No alarm class> | Alarm log | <No log> | | |
| Acknowledgment | | | | | |
| State machine | Alarm without acknowledgment | | | | |
| State texts | | | | | |
| Text for "Incoming" | I | Text for "Outgoing" | O | Text for "Acknowl-edged" | A |
| Colors | | | | | |
| Background "Incom-ing/Acknowledged" | 255, 255, 255 | Background "Incom-ing" | 255, 255, 255 | Background "Incom-ing/Outgoing/Acknowledged" | 255, 255, 255 |
| Background "Incom-ing/Outgoing" | 255, 255, 255 | | | | |

Warnings

| | | | | | |
|-------------------------------------|------------------------------|------------------------|---------------|--|---------------|
| General | | | | | |
| Name | Warnings | Display name | | ID | 2 |
| Common alarm class | <No alarm class> | Alarm log | <No log> | | |
| Acknowledgment | | | | | |
| State machine | Alarm without acknowledgment | | | | |
| State texts | | | | | |
| Text for "Incoming" | I | Text for "Outgoing" | O | Text for "Acknowl-edged" | A |
| Colors | | | | | |
| Background "Incom-ing/Acknowledged" | 255, 255, 255 | Background "Incom-ing" | 255, 255, 255 | Background "Incom-ing/Outgoing/Acknowledged" | 255, 255, 255 |

| | | |
|--------------------------------------|---------------|--|
| Totally Integrated Automation Portal | | |
| Background "Incoming/Outgoing" | 255, 255, 255 | |
| | | |

| | | |
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| Totally Integrated Automation Portal | | |
| <div>Task1_V15 / HMI_1 [KTP400 Basic PN] / HMI alarms</div> <div>System events</div> <div>This folder is empty.</div> | | |
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| Totally Integrated Automation Portal | | |
| <div>Task1_V15 / HMI_1 [KTP400 Basic PN]</div> <div>Recipes</div> <div>This folder is empty.</div> | | |
| | | |

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| Totally Integrated Automation Portal | | |
| <div>Task1_V15 / HMI_1 [KTP400 Basic PN] / Historical data</div> <div>Datalogs</div> <div>This folder is empty.</div> | | |
| | | |

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| Totally Integrated Automation Portal | | |
| <div>Task1_V15 / HMI_1 [KTP400 Basic PN] / Historical data</div> <div>AlarmLogs</div> <div>This folder is empty.</div> | | |
| | | |

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|--|--|--|
| Totally Integrated Automation Portal | | |
| <div>Task1_V15 / HMI_1 [KTP400 Basic PN]</div> <div>Scheduled tasks</div> <div>This folder is empty.</div> | | |
| | | |

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|---|--|--|
| Totally Integrated Automation Portal | | |
| <div>Task1_V15 / HMI_1 [KTP400 Basic PN] / Text and graphic lists</div> <div>Graphic lists</div> <div>This folder is empty.</div> | | |
| | | |

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| Totally Integrated Automation Portal | | |
|--------------------------------------|--|--|

Task1_V15 / HMI_1 [KTP400 Basic PN] / User administration

User

Administrator

| | | | |
|------------------|--|-------------|---|
| General | | | |
| Name | Administrator | Number | 1 |
| Automatic logoff | | | |
| Automatic logoff | Checked | Logoff time | 5 |
| Comment | | | |
| Comment | The user 'Administrator' is assigned to the 'Administrator' group. | | |
| Groups | | | |
| Groups | Administrator group; | | |

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Totally Integrated Automation Portal

Task1_V15 / HMI_1 [KTP400 Basic PN] / User administration

Groups

Administrator group

| General | | | | | |
|----------------|--|--------------|---------------------|--------|---|
| Name | Administrator group | Display name | Administrator group | Number | 1 |
| Password aging | Unchecked | | | | |
| Comment | | | | | |
| Comment | The 'Administrator' group is initially granted all rights. | | | | |
| Authorizations | | | | | |
| Authorizations | User administration; Monitor; Oper-ate; | | | | |

Users

| General | | | | | |
|----------------|--|--------------|-------|--------|---|
| Name | Users | Display name | Users | Number | 2 |
| Password aging | Unchecked | | | | |
| Comment | | | | | |
| Comment | The 'Users' group is initially granted 'Operating' rights. | | | | |
| Authorizations | | | | | |
| Authorizations | Operate; | | | | |

| | | |
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| Totally Integrated Automation Portal | | |
|--------------------------------------|--|--|

Task1_V15 / HMI_1 [KTP400 Basic PN] / User administration

Authorizations

Monitor

| | | | | |
|---------|--------------------------|---------------|---------|-----------------------|
| General | | | | |
| Name | Monitor | Authorization | Monitor | Authorization number2 |
| Comment | | | | |
| Comment | 'Monitor' authorization. | | | |

Operate

| | | | | |
|---------|--------------------------|---------------|---------|-----------------------|
| General | | | | |
| Name | Operate | Authorization | Operate | Authorization number3 |
| Comment | | | | |
| Comment | 'Operate' authorization. | | | |

User administration

| | | | | |
|---------|--|---------------|---------------------|-----------------------|
| General | | | | |
| Name | User administration | Authorization | User administration | Authorization number1 |
| Comment | | | | |
| Comment | Authorization 'User administration' for managing users in the user view in-rRuntime. | | | |

| | | |
|--|--|--|
| | | |
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| | | |
|--------------------------------------|--|--|
| Totally Integrated Automation Portal | | |
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Task1_V15 / Ungrouped devices

AL1100 [AL1100]

AL1100

General

| | | | | | |
|------|--------|--------|----|---------|--|
| Name | AL1100 | Author | RV | Comment | |
| Rack | 0 | Slot | 0 | | |

General\Catalog information

| | | | | | |
|-------------------|--------|-------------|---|----------------|-------------------------------------|
| Short designation | AL1100 | Description | IO-Link Master StandardLine Profinet 4 Ports IP67 | Article number | AL1100 |
| Firmware version | | HwVersion | | GSD file | gsdml-v2.32-ifm-al1100-20170329.xml |

PROFINET interface [X1]\General

| | | | | |
|------|----|---------|--|--|
| Name | X1 | Comment | | |
|------|----|---------|--|--|

PROFINET interface [X1]\Ethernet addresses\Interface networked with

Subnet:

PN/IE_1

PROFINET interface [X1]\Ethernet addresses\IP protocol

| | | | | | |
|-------------|---------------|--------------|---------------|--|------|
| IP address: | 192.168.1.102 | Subnet mask: | 255.255.255.0 | Synchronize router settings with IO controller | True |
| Use router | False | | | | |

PROFINET interface [X1]\Ethernet addresses\PROFINET

| | | | | | |
|---|------|-----------------------|--------|-----------------|--------|
| Generate PROFINET device name automatically | True | PROFINET device name: | al1100 | Converted name: | al1100 |
| Device number: | 2 | | | | |

PROFINET interface [X1]\Advanced options\Interface options

| | | | | | |
|---------------------|-------|------------------------|-------|--|--|
| Prioritized startup | False | Use IEC V2.2 LLDP mode | False | | |
|---------------------|-------|------------------------|-------|--|--|

PROFINET interface [X1]\Advanced options\Media redundancy

| | | | | | |
|------------|-------------|------------------------|------------------------|------------------------|-------|
| MRP domain | mrpdomain-1 | Media redundancy role: | Not device in the ring | Alternative redundancy | False |
|------------|-------------|------------------------|------------------------|------------------------|-------|

PROFINET interface [X1]\Advanced options\Real time settings\IO cycle\Update time

| | | | | | |
|-------------------------------------|------|-------------|---------|--------------------------|-------|
| Calculate update time automatically | True | Update time | 2.000ms | Set update time manually | False |
|-------------------------------------|------|-------------|---------|--------------------------|-------|


PROFINET interface [X1]\Advanced options\Real time settings\IO cycle\Watchdog time

| | | | | | |
|------------------------|-----------------------------|----------------|---------|--|--|
| Trigger watchdog after | 3cycles of missing IO data. | Watchdog time: | 6.000ms | | |
|------------------------|-----------------------------|----------------|---------|--|--|

PROFINET interface [X1]\Advanced options\Port 1 [X1 P1]\General

| | | | | | |
|----------------|---|------|--------|---------|--|
| PositionNumber | 1 | Name | Port 1 | Comment | |
|----------------|---|------|--------|---------|--|

PROFINET interface [X1]\Advanced options\Port 1 [X1 P1]\Port interconnection\Local port:

| | | | | | |
|-------------|---------------------------------|---------|--|-------------|-----|
| Local port: | AL1100\X1 [X1]\Port 1 [X1 P1 R] | Medium: | Copper | Cable name: | --- |
| | | |  | | |

PROFINET interface [X1]\Advanced options\Port 1 [X1 P1]\Port interconnection\Partner port:

| | | | | | |
|--|--|----------------------|-------|---------------|-------------|
| | Monitoring of partner port is not possible | Alternative partners | False | Partner port: | Any partner |
|--|--|----------------------|-------|---------------|-------------|

PROFINET interface [X1]\Advanced options\Port 1 [X1 P1]\Port options\Activate

| | | | | | |
|----------------------------|------|--|--|--|--|
| Activate this port for use | True | | | | |
|----------------------------|------|--|--|--|--|

PROFINET interface [X1]\Advanced options\Port 1 [X1 P1]\Port options\Connection

| | | | | | |
|-----------------------------|-----------|---------|-------|------------------------|------|
| Transmission rate / duplex: | Automatic | Monitor | False | Enable autonegotiation | True |
|-----------------------------|-----------|---------|-------|------------------------|------|


PROFINET interface [X1]\Advanced options\Port 1 [X1 P1]\Port options\Boundaries

| | | | | | |
|--|-------|---------------------------|-------|------------------------|-------|
| End of detection of accessible devices | False | End of topology discovery | False | End of the sync domain | False |
|--|-------|---------------------------|-------|------------------------|-------|

PROFINET interface [X1]\Advanced options\Port 2 [X1 P2]\General

| | | | | | |
|----------------|---|------|--------|---------|--|
| PositionNumber | 2 | Name | Port 2 | Comment | |
|----------------|---|------|--------|---------|--|

PROFINET interface [X1]\Advanced options\Port 2 [X1 P2]\Port interconnection\Local port:

| | | | | | |
|-------------|---------------------------------|---------|--|-------------|-----|
| Local port: | AL1100\X1 [X1]\Port 2 [X1 P2 R] | Medium: | Copper | Cable name: | --- |
| | | |  | | |

PROFINET interface [X1]\Advanced options\Port 2 [X1 P2]\Port interconnection\Partner port:

| | | | | | |
|--|--|----------------------|-------|---------------|-------------|
| | Monitoring of partner port is not possible | Alternative partners | False | Partner port: | Any partner |
|--|--|----------------------|-------|---------------|-------------|

PROFINET interface [X1]\Advanced options\Port 2 [X1 P2]\Port options\Activate

| | | | | | |
|----------------------------|------|--|--|--|--|
| Activate this port for use | True | | | | |
|----------------------------|------|--|--|--|--|

PROFINET interface [X1]\Advanced options\Port 2 [X1 P2]\Port options\Connection

| | | | | | |
|-----------------------------|-----------|---------|-------|------------------------|------|
| Transmission rate / duplex: | Automatic | Monitor | False | Enable autonegotiation | True |
|-----------------------------|-----------|---------|-------|------------------------|------|

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------|---------------------------|--|------------------------|---------------------------|-------|------------------------|-------|------------------------------|--|--|--|--|--|-------------------|--|---------------------|--|-------------------|-------------------------|------------------------|--|--|--|--|--|----------------------|--|--|--|--|--|---------------------|-------------|-----------------|-------|-------------|---|---------------------|---|--------------------|--------------------|----------------|-------|-------------|---|--|--|--|--|
| Totally Integrated Automation Portal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div>PROFINET interface [X1]\Advanced options\Port 2 [X1 P2]\Port options\Boundaries</div> <table><tr><td>End of detection of accessible devices</td><td>False</td><td>End of topology discovery</td><td>False</td><td>End of the sync domain</td><td>False</td></tr><tr><td colspan="6">Identification & Maintenance</td></tr><tr><td>Plant designation</td><td></td><td>Location identifier</td><td></td><td>Installation date</td><td>2019-04-27 14:09:17.623</td></tr><tr><td>Additional information</td><td></td><td colspan="4"></td></tr><tr><td colspan="6">Hardware interrupts\</td></tr><tr><td>Hardware interrupt:</td><td>Deactivated</td><td>RidPrefix4Event</td><td>49152</td><td>Event name:</td><td>0</td></tr><tr><td>Hardware interrupt:</td><td>0</td><td>Hardware interrupt</td><td>Hardware interrupt</td><td>EventChannelNr</td><td>32768</td></tr><tr><td>EventTypeID</td><td>0</td><td colspan="4"></td></tr></table> | | | End of detection of accessible devices | False | End of topology discovery | False | End of the sync domain | False | Identification & Maintenance | | | | | | Plant designation | | Location identifier | | Installation date | 2019-04-27 14:09:17.623 | Additional information | | | | | | Hardware interrupts\ | | | | | | Hardware interrupt: | Deactivated | RidPrefix4Event | 49152 | Event name: | 0 | Hardware interrupt: | 0 | Hardware interrupt | Hardware interrupt | EventChannelNr | 32768 | EventTypeID | 0 | | | | |
| End of detection of accessible devices | False | End of topology discovery | False | End of the sync domain | False | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Identification & Maintenance | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Plant designation | | Location identifier | | Installation date | 2019-04-27 14:09:17.623 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Additional information | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hardware interrupts\ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hardware interrupt: | Deactivated | RidPrefix4Event | 49152 | Event name: | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hardware interrupt: | 0 | Hardware interrupt | Hardware interrupt | EventChannelNr | 32768 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EventTypeID | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Totally Integrated Automation Portal

Task1_V15 / Ungrouped devices / AL1100 [AL1100]

4 Ports_1

4 Ports_1

General

| | | | | | |
|------|-----------|--------|----|---------|--|
| Name | 4 Ports_1 | Author | RV | Comment | |
| Rack | 0 | Slot | 1 | | |

General\Catalog information

| | | | | | |
|-------------------|---------|-------------|---|----------------|-------------------------------------|
| Short designation | 4 Ports | Description | IO-Link Master StandardLine Profinet 4 Ports IP67 | Article number | AL1100 |
| Firmware version | | HwVersion | | GSD file | gsdml-v2.32-ifm-al1100-20170329.xml |

IO-Link Master\General

| | | | | | |
|------|----------------|--------|----|---------|--|
| Name | IO-Link Master | Author | RV | Comment | |
|------|----------------|--------|----|---------|--|

IO-Link Master\General\Catalog information

| | | | | | |
|-------------------|----------------|-------------|--|----------------|-------------------------------------|
| Short designation | IO-Link Master | Description | | Article number | |
| Firmware version | | HwVersion | | GSD file | gsdml-v2.32-ifm-al1100-20170329.xml |

IO-Link Master\Hardware interrupts

| | | |
|---------------------|-------------|--|
| Hardware interrupt: | Deactivated | |
|---------------------|-------------|--|

IO-Link Master\Module parameters\Access Rights Parameter

| | | |
|---------------|--------------|--|
| Access Rights | keep setting | |
|---------------|--------------|--|

IO-Link Out 8 Byte + PQI\General

| | | | | | |
|------|--------------------------|--------|----|---------|--|
| Name | IO-Link Out 8 Byte + PQI | Author | RV | Comment | |
|------|--------------------------|--------|----|---------|--|

IO-Link Out 8 Byte + PQI\General\Catalog information

| | | | | | |
|-------------------|--------------------------|-------------|--------------------------|----------------|-------------------------------------|
| Short designation | IO-Link Out 8 Byte + PQI | Description | IO-Link Out 8 Byte + PQI | Article number | |
| Firmware version | | HwVersion | | GSD file | gsdml-v2.32-ifm-al1100-20170329.xml |

IO-Link Out 8 Byte + PQI\Hardware interrupts

| | | |
|---------------------|-------------|--|
| Hardware interrupt: | Deactivated | |
|---------------------|-------------|--|

IO-Link Out 8 Byte + PQI\Module parameters\Fail Safe parameter

| | | | | |
|----------------|--------------|---------------|-------------------------|--|
| Fail Safe Mode | No Fail Safe | Pattern Value | 00,00,00,00,00,00,00,00 | |
|----------------|--------------|---------------|-------------------------|--|

IO-Link Out 8 Byte + PQI\Module parameters\IO-Link Port parameter

| | | | | | |
|-----------------|-----------------|-----------------|---------------------|---------------------------|--------------------|
| Port Mode | IO-Link (Pin 4) | Port cycle time | as fast as possible | Validation / Data Storage | no check and clear |
| Vendor ID (VID) | 0 | Device ID (DID) | 0 | | |

IO-Link Out 8 Byte + PQI\Module parameters\Module failure

| | | | | | |
|---------------------------|---|----------------------------------|---------------|--|--|
| SubstValueWarning-Message | With the "Keep last value" setting, you cannot evaluate the value status of the inputs. | Input values with module failure | Input value 0 | | |
|---------------------------|---|----------------------------------|---------------|--|--|

IO-Link Out 8 Byte + PQI\I/O addresses\Input addresses

| | | | | | |
|---------------|---|-------------|---|--------------------|---|
| Start address | 1 | End address | 1 | Organization block | 0 |
| Process image | 0 | | | | |

IO-Link Out 8 Byte + PQI\I/O addresses\Output addresses

| | | | | | |
|---------------|---|-------------|---|--------------------|---|
| Start address | 1 | End address | 8 | Organization block | 0 |
| Process image | 0 | | | | |

IO-Link In/Out 32/32 Byte + PQI\General

| | | | | | |
|------|---------------------------------|--------|----|---------|--|
| Name | IO-Link In/Out 32/32 Byte + PQI | Author | RV | Comment | |
|------|---------------------------------|--------|----|---------|--|

IO-Link In/Out 32/32 Byte + PQI\General\Catalog information

| | | | | | |
|-------------------|---------------------------------|-------------|---------------------------------|----------------|-------------------------------------|
| Short designation | IO-Link In/Out 32/32 Byte + PQI | Description | IO-Link In/Out 32/32 Byte + PQI | Article number | |
| Firmware version | | HwVersion | | GSD file | gsdml-v2.32-ifm-al1100-20170329.xml |

IO-Link In/Out 32/32 Byte + PQI\Hardware interrupts

| | | |
|---------------------|-------------|--|
| Hardware interrupt: | Deactivated | |
|---------------------|-------------|--|

IO-Link In/Out 32/32 Byte + PQI\Module parameters\Fail Safe parameter

| | | | | |
|----------------|--------------|---------------|---|--|
| Fail Safe Mode | No Fail Safe | Pattern Value | 00,00 | |
|----------------|--------------|---------------|---|--|

IO-Link In/Out 32/32 Byte + PQI\Module parameters\IO-Link Port parameter

| | | | | | |
|-----------------|-----------------|-----------------|---------------------|---------------------------|--------------------|
| Port Mode | IO-Link (Pin 4) | Port cycle time | as fast as possible | Validation / Data Storage | no check and clear |
| Vendor ID (VID) | 0 | Device ID (DID) | 0 | | |

IO-Link In/Out 32/32 Byte + PQI\I/O addresses\Input addresses

| | | | | | |
|---------------|----|-------------|-----|--------------------|---|
| Start address | 68 | End address | 100 | Organization block | 0 |
| Process image | 0 | | | | |

IO-Link In/Out 32/32 Byte + PQI\I/O addresses\Output addresses

| | | | | | |
|---------------|----|-------------|----|--------------------|---|
| Start address | 64 | End address | 95 | Organization block | 0 |
| Process image | 0 | | | | |

Disabled\General

| | | | | | |
|--------|----------|---------|----|---------|------------|
| Name | Disabled | Author | RV | Name | Disabled_1 |
| Author | RV | Comment | | Comment | |

Disabled\General\Catalog information

| | | | | | |
|-------------------|-------------------------------------|------------------|----------|-------------------|-------------------------------------|
| Short designation | Disabled | Description | Disabled | Short designation | Disabled |
| Description | Disabled | Article number | | Firmware version | |
| Article number | | Firmware version | | HwVersion | |
| GSD file | gsdml-v2.32-ifm-al1100-20170329.xml | HwVersion | | GSD file | gsdml-v2.32-ifm-al1100-20170329.xml |

Disabled\Hardware interrupts

| | | | | |
|---------------------|-------------|---------------------|-------------|--|
| Hardware interrupt: | Deactivated | Hardware interrupt: | Deactivated | |
|---------------------|-------------|---------------------|-------------|--|

| | | |
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| Totally Integrated Automation Portal | | |
| <div>Task1_V15</div> <div>Security settings</div> <div>This folder is empty.</div> | | |
| | | |

Task1_V15 / Common data

Alarm classes

| Alarm classes | | | |
|--------------------|--------------|----------------|----------|
| Name | Display name | Acknowledgment | Priority |
| Acknowledgement | A | True | 0 |
| No Acknowledgement | NA | False | 0 |

| | | |
|---|--|--|
| Totally Integrated Automation Portal | | |
| <div>Task1_V15 / Common data</div> <div>Logs</div> <div>This folder is empty.</div> | | |
| | | |

| | | |
|---|--|--|
| Totally Integrated Automation Portal | | |
| <div>Task1_V15 / Common data</div> <div>Styles</div> <div>This folder is empty.</div> | | |
| | | |

| | | |
|--------------------------------------|--|--|
| Totally Integrated Automation Portal | | |
|--------------------------------------|--|--|

Task1_V15 / Languages & resources

Project languages

Languages

Reference language

English (United States)

Editing language

English (United States)



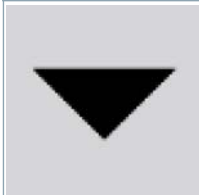
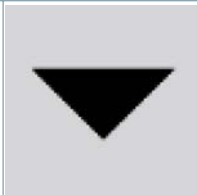




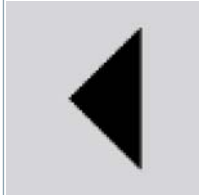
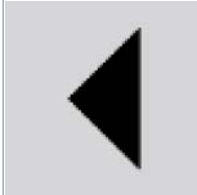




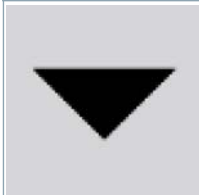
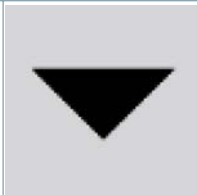




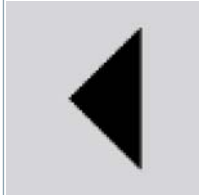
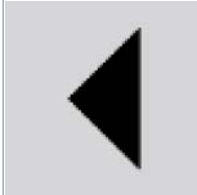




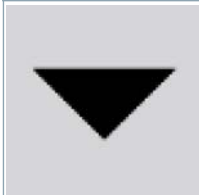
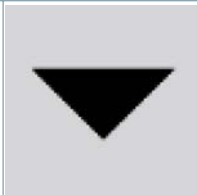




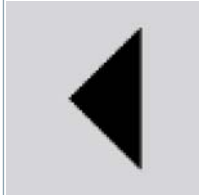
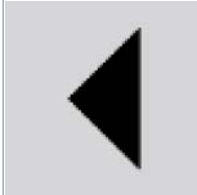


Other project languages

Empty

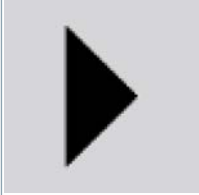
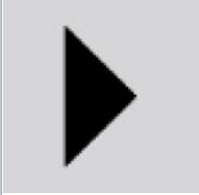
| | | |
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| Totally Integrated Automation Portal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---------------------|---|--|-------------------------|----------|-----------|--|---------------------|-------------------|--|------------|--|--|------------|---|--|------------|--|--|------------|---|--|------------|--|--|------------|--|--|------------|---|---|------------|--|----|------------|--|------------------------------|---------------|---|------------------------------|---------------|---|----|------------|--|---------------------------------------|---------------|---|---|------------|---|---|------------|--|---|------------------|---|---|------------------|-------------------------------------|---|------------|--|---|------------|--|---|------------|--|---|------------|--|---|------------|---|---|------------|---|---|------------|--|---------------------|-------------|---|---|-------------|---|-----------------------|---------------|--|-------------------------|---------------|--|---------------|---------------|---|---------------|---------------|---|-----------------|---------------|--|-----------------|---------------|--|-----------------|---------------|--|-------|---------------|--|--------|---------------|--|-------------|------------|--|-------------|------------|---|--------------------------------|---------------|---|---|------------|--|---|------------|--|---|------------|--|---|------------|--|---|------------|---|---|------------|---|---|------------|--|---------------|-------------|--|----------|-------------|--|-----------|-------------|--|-----------------|-------------|--|-------------------------|---------------|--|----|------------|---|----|------------|---|----|------------|---|----|------------|---|----|------------|--|----|------------|--|----|------------|---|----------------|------------|---|--|--|
| <div>Task1_V15 / Languages & resources / Project texts</div> <div>Project texts</div> <table><tr><th colspan="3">Project texts</th></tr><tr><th>English (United States)</th><th>Category</th><th>Reference</th></tr><tr><td></td><td>Other text category</td><td>Task1_V15\Comment</td></tr><tr><td></td><td>HMI screen</td><td>Task1_V15\HMI_1 [KTP400 Basic PN]\Screen management\Templates\Template_1\Tem-plate_Button_1\Text OFF</td></tr><tr><td></td><td>HMI screen</td><td>Task1_V15\HMI_1 [KTP400 Basic PN]\Screen management\Templates\Template_1\Tem-plate_Button_1\Text ON</td></tr><tr><td></td><td>HMI screen</td><td>Task1_V15\HMI_1 [KTP400 Basic PN]\Screen management\Templates\Template_1\Tem-plate_Button_2\Text OFF</td></tr><tr><td></td><td>HMI screen</td><td>Task1_V15\HMI_1 [KTP400 Basic PN]\Screen management\Templates\Template_1\Tem-plate_Button_2\Text ON</td></tr><tr><td></td><td>Alarm text</td><td>Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Warnings\alarmclass name not set_1\Alarm-ClassData_IDisplayNaming_DisplayName</td></tr><tr><td></td><td>Alarm text</td><td>Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Acknowledgement\alarmclass name not set_5\AlarmClassData_IDisplayNaming_DisplayName</td></tr><tr><td></td><td>Alarm text</td><td>Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\No Acknowledgement\alarmclass name not set_6\AlarmClassData_IDisplayNaming_DisplayName</td></tr><tr><td>!</td><td>Alarm text</td><td>Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Errors\alarmclass name not set\AlarmClass-Data_IDisplayNaming_DisplayName</td></tr><tr><td>!!</td><td>Alarm text</td><td>Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Safety warnings\alarmclass name not set_4\AlarmClassData_IDisplayNaming_DisplayName</td></tr><tr><td>"Main Program Sweep (Cycle)"</td><td>Block comment</td><td>Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Main [OB1]\Block title</td></tr><tr><td>"Main Program Sweep (Cycle)"</td><td>Block comment</td><td>Task1_V15\PLC_2 [CPU 1212C AC/DC/Rly]\Program blocks\Main [OB1]\Block title</td></tr><tr><td>\$</td><td>Alarm text</td><td>Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\System\alarmclass name not set_2\Alarm-ClassData_IDisplayNaming_DisplayName</td></tr><tr><td>=True, if remanent data are available</td><td>Block comment</td><td>Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Main [OB1]\Remanence</td></tr><tr><td>0</td><td>HMI screen</td><td>Task1_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Symbolic I/O field_2\Text OFF</td></tr><tr><td>1</td><td>HMI screen</td><td>Task1_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Symbolic I/O field_2\Text ON</td></tr><tr><td>A</td><td>Alarm class text</td><td>Task1_V15\Acknowledgement\AlarmClassData_IDisplayNaming_DisplayName</td></tr><tr><td>A</td><td>Alarm class text</td><td>Task1_V15\Acknowledgement\ShortName</td></tr><tr><td>A</td><td>Alarm text</td><td>Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Errors\AcknowledgedText</td></tr><tr><td>A</td><td>Alarm text</td><td>Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Warnings\AcknowledgedText</td></tr><tr><td>A</td><td>Alarm text</td><td>Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\System\AcknowledgedText</td></tr><tr><td>A</td><td>Alarm text</td><td>Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Diagnosis events\AcknowledgedText</td></tr><tr><td>A</td><td>Alarm text</td><td>Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Safety warnings\AcknowledgedText</td></tr><tr><td>A</td><td>Alarm text</td><td>Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Acknowledgement\AcknowledgedText</td></tr><tr><td>A</td><td>Alarm text</td><td>Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\No Acknowledgement\AcknowledgedText</td></tr><tr><td>Administrator group</td><td>HMI runtime</td><td>Task1_V15\HMI_1 [KTP400 Basic PN]\User administration\Administrator group\DisplayName</td></tr><tr><td>Authorization 'User administration' for manag- ing users in the user view inrRuntime.</td><td>HMI comment</td><td>Task1_V15\HMI_1 [KTP400 Basic PN]\User administration\User administration\Comment</td></tr><tr><td>Automatic/Manual mode</td><td>Block comment</td><td>Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Operation modes\Operation_modes [FB1]\Network 2\Title</td></tr><tr><td>COM for all the devices</td><td>Block comment</td><td>Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\ModuleStatus [DB4]\State[0]</td></tr><tr><td>command value</td><td>Block comment</td><td>Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 1\Com-ment</td></tr><tr><td>command value</td><td>Block comment</td><td>Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 1\Com-ment</td></tr><tr><td>Device number 1</td><td>Block comment</td><td>Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\ModuleStatus [DB4]\State[1]</td></tr><tr><td>Device number 2</td><td>Block comment</td><td>Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\ModuleStatus [DB4]\State[2]</td></tr><tr><td>Device number 3</td><td>Block comment</td><td>Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\ModuleStatus [DB4]\State[3]</td></tr><tr><td>Error</td><td>Block comment</td><td>Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Operation modes\Operation_modes [FB1]\Network 4\Title</td></tr><tr><td>E-Stop</td><td>Block comment</td><td>Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Operation modes\Operation_modes [FB1]\Network 3\Title</td></tr><tr><td>ExitRuntime</td><td>HMI screen</td><td>Task1_V15\HMI_1 [KTP400 Basic PN]\Screen management\Templates\Template_1\Tem-plate_Button\Text OFF</td></tr><tr><td>ExitRuntime</td><td>HMI screen</td><td>Task1_V15\HMI_1 [KTP400 Basic PN]\Screen management\Templates\Template_1\Tem-plate_Button\Text ON</td></tr><tr><td>Getting PROFINET device status</td><td>Block comment</td><td>Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Main [OB1]\Network 4\Title</td></tr><tr><td>I</td><td>Alarm text</td><td>Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Errors\ComingText</td></tr><tr><td>I</td><td>Alarm text</td><td>Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Warnings\ComingText</td></tr><tr><td>I</td><td>Alarm text</td><td>Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\System\ComingText</td></tr><tr><td>I</td><td>Alarm text</td><td>Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Diagnosis events\ComingText</td></tr><tr><td>I</td><td>Alarm text</td><td>Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Safety warnings\ComingText</td></tr><tr><td>I</td><td>Alarm text</td><td>Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Acknowledgement\ComingText</td></tr><tr><td>I</td><td>Alarm text</td><td>Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\No Acknowledgement\ComingText</td></tr><tr><td>If configured</td><td>HMI runtime</td><td>Task1_V15\HMI_1 [KTP400 Basic PN]\Text and graphic lists\PROFINET_Status\Text_list_en-try_1\Text</td></tr><tr><td>If exist</td><td>HMI runtime</td><td>Task1_V15\HMI_1 [KTP400 Basic PN]\Text and graphic lists\PROFINET_Status\Text_list_en-try_4\Text</td></tr><tr><td>If faulty</td><td>HMI runtime</td><td>Task1_V15\HMI_1 [KTP400 Basic PN]\Text and graphic lists\PROFINET_Status\Text_list_en-try_2\Text</td></tr><tr><td>If has problems</td><td>HMI runtime</td><td>Task1_V15\HMI_1 [KTP400 Basic PN]\Text and graphic lists\PROFINET_Status\Text_list_en-try_5\Text</td></tr><tr><td>Initial call of this OB</td><td>Block comment</td><td>Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Main [OB1]\Initial_Call</td></tr><tr><td>IO</td><td>Alarm text</td><td>Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Errors\ComingGoingText</td></tr><tr><td>IO</td><td>Alarm text</td><td>Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Warnings\ComingGoingText</td></tr><tr><td>IO</td><td>Alarm text</td><td>Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\System\ComingGoingText</td></tr><tr><td>IO</td><td>Alarm text</td><td>Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Diagnosis events\ComingGoingText</td></tr><tr><td>IO</td><td>Alarm text</td><td>Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Safety warnings\ComingGoingText</td></tr><tr><td>IO</td><td>Alarm text</td><td>Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Acknowledgement\ComingGoingText</td></tr><tr><td>IO</td><td>Alarm text</td><td>Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\No Acknowledgement\ComingGoingText</td></tr><tr><td>IO-Link master</td><td>HMI screen</td><td>Task1_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Text field_3\Text</td></tr></table> | Project texts | | | English (United States) | Category | Reference | | Other text category | Task1_V15\Comment | | HMI screen | Task1_V15\HMI_1 [KTP400 Basic PN]\Screen management\Templates\Template_1\Tem-plate_Button_1\Text OFF | | HMI screen | Task1_V15\HMI_1 [KTP400 Basic PN]\Screen management\Templates\Template_1\Tem-plate_Button_1\Text ON | | HMI screen | Task1_V15\HMI_1 [KTP400 Basic PN]\Screen management\Templates\Template_1\Tem-plate_Button_2\Text OFF | | HMI screen | Task1_V15\HMI_1 [KTP400 Basic PN]\Screen management\Templates\Template_1\Tem-plate_Button_2\Text ON | | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Warnings\alarmclass name not set_1\Alarm-ClassData_IDisplayNaming_DisplayName | | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Acknowledgement\alarmclass name not set_5\AlarmClassData_IDisplayNaming_DisplayName | | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\No Acknowledgement\alarmclass name not set_6\AlarmClassData_IDisplayNaming_DisplayName | ! | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Errors\alarmclass name not set\AlarmClass-Data_IDisplayNaming_DisplayName | !! | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Safety warnings\alarmclass name not set_4\AlarmClassData_IDisplayNaming_DisplayName | "Main Program Sweep (Cycle)" | Block comment | Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Main [OB1]\Block title | "Main Program Sweep (Cycle)" | Block comment | Task1_V15\PLC_2 [CPU 1212C AC/DC/Rly]\Program blocks\Main [OB1]\Block title | \$ | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\System\alarmclass name not set_2\Alarm-ClassData_IDisplayNaming_DisplayName | =True, if remanent data are available | Block comment | Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Main [OB1]\Remanence | 0 | HMI screen | Task1_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Symbolic I/O field_2\Text OFF | 1 | HMI screen | Task1_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Symbolic I/O field_2\Text ON | A | Alarm class text | Task1_V15\Acknowledgement\AlarmClassData_IDisplayNaming_DisplayName | A | Alarm class text | Task1_V15\Acknowledgement\ShortName | A | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Errors\AcknowledgedText | A | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Warnings\AcknowledgedText | A | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\System\AcknowledgedText | A | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Diagnosis events\AcknowledgedText | A | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Safety warnings\AcknowledgedText | A | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Acknowledgement\AcknowledgedText | A | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\No Acknowledgement\AcknowledgedText | Administrator group | HMI runtime | Task1_V15\HMI_1 [KTP400 Basic PN]\User administration\Administrator group\DisplayName | Authorization 'User administration' for manag- ing users in the user view inrRuntime. | HMI comment | Task1_V15\HMI_1 [KTP400 Basic PN]\User administration\User administration\Comment | Automatic/Manual mode | Block comment | Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Operation modes\Operation_modes [FB1]\Network 2\Title | COM for all the devices | Block comment | Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\ModuleStatus [DB4]\State[0] | command value | Block comment | Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 1\Com-ment | command value | Block comment | Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 1\Com-ment | Device number 1 | Block comment | Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\ModuleStatus [DB4]\State[1] | Device number 2 | Block comment | Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\ModuleStatus [DB4]\State[2] | Device number 3 | Block comment | Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\ModuleStatus [DB4]\State[3] | Error | Block comment | Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Operation modes\Operation_modes [FB1]\Network 4\Title | E-Stop | Block comment | Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Operation modes\Operation_modes [FB1]\Network 3\Title | ExitRuntime | HMI screen | Task1_V15\HMI_1 [KTP400 Basic PN]\Screen management\Templates\Template_1\Tem-plate_Button\Text OFF | ExitRuntime | HMI screen | Task1_V15\HMI_1 [KTP400 Basic PN]\Screen management\Templates\Template_1\Tem-plate_Button\Text ON | Getting PROFINET device status | Block comment | Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Main [OB1]\Network 4\Title | I | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Errors\ComingText | I | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Warnings\ComingText | I | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\System\ComingText | I | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Diagnosis events\ComingText | I | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Safety warnings\ComingText | I | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Acknowledgement\ComingText | I | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\No Acknowledgement\ComingText | If configured | HMI runtime | Task1_V15\HMI_1 [KTP400 Basic PN]\Text and graphic lists\PROFINET_Status\Text_list_en-try_1\Text | If exist | HMI runtime | Task1_V15\HMI_1 [KTP400 Basic PN]\Text and graphic lists\PROFINET_Status\Text_list_en-try_4\Text | If faulty | HMI runtime | Task1_V15\HMI_1 [KTP400 Basic PN]\Text and graphic lists\PROFINET_Status\Text_list_en-try_2\Text | If has problems | HMI runtime | Task1_V15\HMI_1 [KTP400 Basic PN]\Text and graphic lists\PROFINET_Status\Text_list_en-try_5\Text | Initial call of this OB | Block comment | Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Main [OB1]\Initial_Call | IO | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Errors\ComingGoingText | IO | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Warnings\ComingGoingText | IO | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\System\ComingGoingText | IO | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Diagnosis events\ComingGoingText | IO | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Safety warnings\ComingGoingText | IO | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Acknowledgement\ComingGoingText | IO | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\No Acknowledgement\ComingGoingText | IO-Link master | HMI screen | Task1_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Text field_3\Text | | |
| Project texts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| English (United States) | Category | Reference | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Other text category | Task1_V15\Comment | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | HMI screen | Task1_V15\HMI_1 [KTP400 Basic PN]\Screen management\Templates\Template_1\Tem-plate_Button_1\Text OFF | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | HMI screen | Task1_V15\HMI_1 [KTP400 Basic PN]\Screen management\Templates\Template_1\Tem-plate_Button_1\Text ON | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | HMI screen | Task1_V15\HMI_1 [KTP400 Basic PN]\Screen management\Templates\Template_1\Tem-plate_Button_2\Text OFF | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | HMI screen | Task1_V15\HMI_1 [KTP400 Basic PN]\Screen management\Templates\Template_1\Tem-plate_Button_2\Text ON | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Warnings\alarmclass name not set_1\Alarm-ClassData_IDisplayNaming_DisplayName | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Acknowledgement\alarmclass name not set_5\AlarmClassData_IDisplayNaming_DisplayName | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\No Acknowledgement\alarmclass name not set_6\AlarmClassData_IDisplayNaming_DisplayName | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ! | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Errors\alarmclass name not set\AlarmClass-Data_IDisplayNaming_DisplayName | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| !! | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Safety warnings\alarmclass name not set_4\AlarmClassData_IDisplayNaming_DisplayName | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| "Main Program Sweep (Cycle)" | Block comment | Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Main [OB1]\Block title | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| "Main Program Sweep (Cycle)" | Block comment | Task1_V15\PLC_2 [CPU 1212C AC/DC/Rly]\Program blocks\Main [OB1]\Block title | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| \$ | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\System\alarmclass name not set_2\Alarm-ClassData_IDisplayNaming_DisplayName | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| =True, if remanent data are available | Block comment | Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Main [OB1]\Remanence | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | HMI screen | Task1_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Symbolic I/O field_2\Text OFF | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | HMI screen | Task1_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Symbolic I/O field_2\Text ON | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | Alarm class text | Task1_V15\Acknowledgement\AlarmClassData_IDisplayNaming_DisplayName | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | Alarm class text | Task1_V15\Acknowledgement\ShortName | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Errors\AcknowledgedText | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Warnings\AcknowledgedText | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\System\AcknowledgedText | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Diagnosis events\AcknowledgedText | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Safety warnings\AcknowledgedText | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Acknowledgement\AcknowledgedText | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\No Acknowledgement\AcknowledgedText | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Administrator group | HMI runtime | Task1_V15\HMI_1 [KTP400 Basic PN]\User administration\Administrator group\DisplayName | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Authorization 'User administration' for manag- ing users in the user view inrRuntime. | HMI comment | Task1_V15\HMI_1 [KTP400 Basic PN]\User administration\User administration\Comment | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Automatic/Manual mode | Block comment | Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Operation modes\Operation_modes [FB1]\Network 2\Title | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COM for all the devices | Block comment | Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\ModuleStatus [DB4]\State[0] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| command value | Block comment | Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 1\Com-ment | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| command value | Block comment | Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 1\Com-ment | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Device number 1 | Block comment | Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\ModuleStatus [DB4]\State[1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Device number 2 | Block comment | Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\ModuleStatus [DB4]\State[2] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Device number 3 | Block comment | Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\ModuleStatus [DB4]\State[3] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Error | Block comment | Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Operation modes\Operation_modes [FB1]\Network 4\Title | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-Stop | Block comment | Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Operation modes\Operation_modes [FB1]\Network 3\Title | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ExitRuntime | HMI screen | Task1_V15\HMI_1 [KTP400 Basic PN]\Screen management\Templates\Template_1\Tem-plate_Button\Text OFF | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ExitRuntime | HMI screen | Task1_V15\HMI_1 [KTP400 Basic PN]\Screen management\Templates\Template_1\Tem-plate_Button\Text ON | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Getting PROFINET device status | Block comment | Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Main [OB1]\Network 4\Title | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| I | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Errors\ComingText | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| I | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Warnings\ComingText | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| I | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\System\ComingText | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| I | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Diagnosis events\ComingText | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| I | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Safety warnings\ComingText | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| I | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Acknowledgement\ComingText | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| I | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\No Acknowledgement\ComingText | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| If configured | HMI runtime | Task1_V15\HMI_1 [KTP400 Basic PN]\Text and graphic lists\PROFINET_Status\Text_list_en-try_1\Text | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| If exist | HMI runtime | Task1_V15\HMI_1 [KTP400 Basic PN]\Text and graphic lists\PROFINET_Status\Text_list_en-try_4\Text | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| If faulty | HMI runtime | Task1_V15\HMI_1 [KTP400 Basic PN]\Text and graphic lists\PROFINET_Status\Text_list_en-try_2\Text | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| If has problems | HMI runtime | Task1_V15\HMI_1 [KTP400 Basic PN]\Text and graphic lists\PROFINET_Status\Text_list_en-try_5\Text | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Initial call of this OB | Block comment | Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Main [OB1]\Initial_Call | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IO | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Errors\ComingGoingText | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IO | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Warnings\ComingGoingText | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IO | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\System\ComingGoingText | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IO | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Diagnosis events\ComingGoingText | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IO | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Safety warnings\ComingGoingText | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IO | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Acknowledgement\ComingGoingText | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IO | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\No Acknowledgement\ComingGoingText | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IO-Link master | HMI screen | Task1_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Text field_3\Text | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

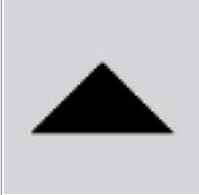
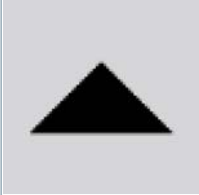
| | | |
|--|------------------|---|
| Totally Integrated Automation Portal | | |
| English (United States) | Category | Reference |
| Is disabled | HMI runtime | Task1_V15\HMI_1 [KTP400 Basic PN]\Text and graphic lists\PROFINET_Status\Text_list_entry_3\Text |
| Monitor | HMI runtime | Task1_V15\HMI_1 [KTP400 Basic PN]\User administration\Monitor\ShortName |
| 'Monitor' authorization. | HMI comment | Task1_V15\HMI_1 [KTP400 Basic PN]\User administration\Monitor\Comment |
| NA | Alarm class text | Task1_V15\No Acknowledgement\AlarmClassData_IDisplayNaming_DisplayName |
| NA | Alarm class text | Task1_V15\No Acknowledgement\ShortName |
| NavigateHome | HMI screen | Task1_V15\HMI_1 [KTP400 Basic PN]\Screen management\Templates\Template_1\Template_Button_3\Text OFF |
| NavigateHome | HMI screen | Task1_V15\HMI_1 [KTP400 Basic PN]\Screen management\Templates\Template_1\Template_Button_3\Text ON |
| O | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Errors\GoingText |
| O | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Warnings\GoingText |
| O | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\System\GoingText |
| O | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Diagnosis events\GoingText |
| O | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Safety warnings\GoingText |
| O | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Acknowledgement\GoingText |
| O | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\No Acknowledgement\GoingText |
| Operate | HMI runtime | Task1_V15\HMI_1 [KTP400 Basic PN]\User administration\Operate\ShortName |
| 'Operate' authorization. | HMI comment | Task1_V15\HMI_1 [KTP400 Basic PN]\User administration\Operate\Comment |
| operation command | Block comment | Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 12\Comment |
| Operation mode | Block comment | Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Main [OB1]\Network 1\Title |
| Operation modes | Block comment | Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Operation modes\Operation_modes [FB1]\Block title |
| PLC_2 | HMI screen | Task1_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Text field_2\Text |
| PROFINET Device State | HMI screen | Task1_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Text field_1\Text |
| PROFINET modes | HMI screen | Task1_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Text field_4\Text |
| QGR | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\Runtime settings\HmiAlarmSettingsData\AcknowledgementGroupText |
| read value 0 | Block comment | Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 3\Comment |
| read value 1 | Block comment | Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 4\Comment |
| read value 2 | Block comment | Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 5\Comment |
| read value 3 | Block comment | Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 6\Comment |
| S7 | Alarm text | Task1_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Diagnosis events\alarmclass name not set_3\AlarmClassData_IDisplayNaming_DisplayName |
| Signal Light control | Block comment | Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Main [OB1]\Network 2\Title |
| Start/Stop operation | Block comment | Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Operation modes\Operation_modes [FB1]\Network 1\Title |
| status | Block comment | Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 2\Comment |
| The 'Administrator' group is initially granted all rights. | HMI comment | Task1_V15\HMI_1 [KTP400 Basic PN]\User administration\Administrator group\Comment |
| The user 'Administrator' is assigned to the 'Administrator' group. | HMI comment | Task1_V15\HMI_1 [KTP400 Basic PN]\User administration\Administrator\Comment |
| The 'Users' group is initially granted 'Operating' rights. | HMI comment | Task1_V15\HMI_1 [KTP400 Basic PN]\User administration\Users\Comment |
| User administration | HMI runtime | Task1_V15\HMI_1 [KTP400 Basic PN]\User administration\User administration\ShortName |
| Users | HMI runtime | Task1_V15\HMI_1 [KTP400 Basic PN]\User administration\Users\DisplayName |
| write value 0 | Block comment | Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 13\Comment |
| write value 1 | Block comment | Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 14\Comment |
| write value 2 | Block comment | Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 15\Comment |
| write value 3 | Block comment | Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 16\Comment |
| Writing values to SignalLight | Block comment | Task1_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Main [OB1]\Network 3\Title |
| | | |

| Totally Integrated Automation Portal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|------------------|-------------------------|---|---|-------------------------|--|------------|------------|--------------------|--|-----------|-----------|------------------|-------------------------|---|---|-------------------------|--|------------|------------|--------------------|--|-----------|-----------|------------------|-------------------------|---|---|-------------------------|--|------------|------------|--------------------|--|-----------|-----------|------------------|-------------------------|---|---|-------------------------|--|------------|------------|--------------------|--|-----------|-----------|------------------|-------------------------|---|---|-------------------------|--|------------|------------|--------------------|--|-----------|-----------|------------------|-------------------------|---|---|-------------------------|--|------------|------------|--------------------|--|-----------|-----------|--|--|
| <div>Task1_V15 / Languages & resources</div> <div>Project graphics</div> <div>Capture</div> <table><tr><th>Standard graphic</th><th>English (United States)</th></tr><tr><td></td><td></td></tr><tr><td colspan="2">▶ <i>Dithering mode</i></td></tr><tr><td>Same color</td><td>Same color</td></tr><tr><td colspan="2">▶ <i>Smoothing</i></td></tr><tr><td>Unchecked</td><td>Unchecked</td></tr></table> <div>Down_Arrow</div> <table><tr><th>Standard graphic</th><th>English (United States)</th></tr><tr><td></td><td></td></tr><tr><td colspan="2">▶ <i>Dithering mode</i></td></tr><tr><td>Same color</td><td>Same color</td></tr><tr><td colspan="2">▶ <i>Smoothing</i></td></tr><tr><td>Unchecked</td><td>Unchecked</td></tr></table> <div>ExitRuntime_KTP400_Basic_PN_TR</div> <table><tr><th>Standard graphic</th><th>English (United States)</th></tr><tr><td></td><td></td></tr><tr><td colspan="2">▶ <i>Dithering mode</i></td></tr><tr><td>Same color</td><td>Same color</td></tr><tr><td colspan="2">▶ <i>Smoothing</i></td></tr><tr><td>Unchecked</td><td>Unchecked</td></tr></table> <div>Home</div> <table><tr><th>Standard graphic</th><th>English (United States)</th></tr><tr><td></td><td></td></tr><tr><td colspan="2">▶ <i>Dithering mode</i></td></tr><tr><td>Same color</td><td>Same color</td></tr><tr><td colspan="2">▶ <i>Smoothing</i></td></tr><tr><td>Unchecked</td><td>Unchecked</td></tr></table> <div>Left_Arrow</div> <table><tr><th>Standard graphic</th><th>English (United States)</th></tr><tr><td></td><td></td></tr><tr><td colspan="2">▶ <i>Dithering mode</i></td></tr><tr><td>Same color</td><td>Same color</td></tr><tr><td colspan="2">▶ <i>Smoothing</i></td></tr><tr><td>Unchecked</td><td>Unchecked</td></tr></table> <div>NavigateHome_KTP400_Basic_PN_TR</div> <table><tr><th>Standard graphic</th><th>English (United States)</th></tr><tr><td></td><td></td></tr><tr><td colspan="2">▶ <i>Dithering mode</i></td></tr><tr><td>Same color</td><td>Same color</td></tr><tr><td colspan="2">▶ <i>Smoothing</i></td></tr><tr><td>Unchecked</td><td>Unchecked</td></tr></table> | | | Standard graphic | English (United States) |  |  | ▶ <i>Dithering mode</i> | | Same color | Same color | ▶ <i>Smoothing</i> | | Unchecked | Unchecked | Standard graphic | English (United States) |  |  | ▶ <i>Dithering mode</i> | | Same color | Same color | ▶ <i>Smoothing</i> | | Unchecked | Unchecked | Standard graphic | English (United States) |  |  | ▶ <i>Dithering mode</i> | | Same color | Same color | ▶ <i>Smoothing</i> | | Unchecked | Unchecked | Standard graphic | English (United States) |  |  | ▶ <i>Dithering mode</i> | | Same color | Same color | ▶ <i>Smoothing</i> | | Unchecked | Unchecked | Standard graphic | English (United States) |  |  | ▶ <i>Dithering mode</i> | | Same color | Same color | ▶ <i>Smoothing</i> | | Unchecked | Unchecked | Standard graphic | English (United States) |  |  | ▶ <i>Dithering mode</i> | | Same color | Same color | ▶ <i>Smoothing</i> | | Unchecked | Unchecked | | |
| Standard graphic | English (United States) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ▶ <i>Dithering mode</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Same color | Same color | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ▶ <i>Smoothing</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Unchecked | Unchecked | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Standard graphic | English (United States) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Same color | Same color | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Standard graphic | English (United States) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Standard graphic | English (United States) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| ▶ <i>Smoothing</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Unchecked | Unchecked | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Standard graphic | English (United States) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| ▶ <i>Dithering mode</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Same color | Same color | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ▶ <i>Smoothing</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Unchecked | Unchecked | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Right_Arrow

| Standard graphic | English (United States) |
|---|---|
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| ▶ <i>Dithering mode</i> | |
| Same color | Same color |
| ▶ <i>Smoothing</i> | |
| Unchecked | Unchecked |

Up_Arrow

| Standard graphic | English (United States) |
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| ▶ <i>Dithering mode</i> | |
| Same color | Same color |
| ▶ <i>Smoothing</i> | |
| Unchecked | Unchecked |