Task1

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Project					
Name:	Task1	**Creation time:**	2/7/2019 8:23:08 PM	**Last change**	4/19/2019 10:14:02 AM
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	9.11.9600.19236
Computer name	RVHOME
User name	RVHOME\RV
Installation path of the TIA Portal	C:\Program Files (x86)\Siemens\Automation\Portal V13

Components		
Name	**Version**	**Release**
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 SetupPackage V15.0 (HMIRTM_V11)	V15.0	V15.00.00.00_26.01.00.01
TIA Portal Multiuser Server V14 - TIA Portal Multiuser Server Single SetupPackage 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 SetupPackage V15.0 (MUSERVERV15)	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
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 V13 - TIA Portal Single SetupPackage V13.0 + SP1 (TIAP13)	V13.0 + SP1	V13.00.01.00_25.01.00.01
Siemens Totally Integrated Automation Portal V13 - HM All Editions Single SetupPackage V13.0 + SP1 (TIAP13)	V13.0 + SP1	V13.00.01.00_25.01.00.01
Siemens Totally Integrated Automation Portal V13 - HM NoBasic Single SetupPackage V13.0 + SP1 (TIAP13)	V13.0 + SP1	V13.00.01.00_25.01.00.01
Siemens Totally Integrated Automation Portal V13 - Hardware Support Base Package 0 V13.0 (TIAP13)	V13.0	V13.00.00.00_10.01.00.03
Siemens Totally Integrated Automation Portal V13 - STEP 7 Single SetupPackage V13.0 + SP1 (TIAP13)	V13.0 + SP1	V13.00.01.00_25.01.00.01
Siemens Totally Integrated Automation Portal V13 - Hardware Support Base Package 02 V13.0 (TIAP13)	V13.0	V13.00.00.00_10.01.00.03
Siemens Totally Integrated Automation Portal V13 - Hardware Support Base Package 03 V13.0 (TIAP13)	V13.0	V13.00.00.00_10.01.00.03
Siemens Totally Integrated Automation Portal V13 - Support Base Package TO-01 V13.0 (TIAP13)	V13.0	V13.00.00.00_10.01.00.03
Siemens Totally Integrated Automation Portal V13 - Support Base Package TO-02 V13.0 (TIAP13)	V13.0	V13.00.00.00_10.01.00.03
Siemens Totally Integrated Automation Portal V13 - Hardware Support Base Package WCF-01 V13.0 (TIAP13)	V13.0	V13.00.00.00_10.01.00.03
Siemens Totally Integrated Automation Portal V13 - TIACOMPCHECK Single SetupPackage V13.0 + SP1 (TIAP13)	V13.0 + SP1	V13.00.01.00_25.01.00.01
Siemens Totally Integrated Automation Portal V13 - TIA Tour Single SetupPackage V13.0 + SP1 (TIAP13)	V13.0 + SP1	V13.00.01.00_25.01.00.01
Siemens Totally Integrated Automation Portal V13 - Simatic Single SetupPackage V13.0 + SP1 (TIAP13)	V13.0 + SP1	V13.00.01.00_25.01.00.01
Siemens Totally Integrated Automation Portal V13 - WinCC Single SetupPackage V13.0 + SP1 (TIAP13)	V13.0 + SP1	V13.00.01.00_25.01.00.01
User Management Component - UserManagementComponentx64 01.9 (UMC64)	V01.9	V01.09.00.00_04.13.00.03
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
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

Products		
Name	**Version**	**Release**
SIMATIC WinCC Runtime Advanced Simulation	V15.0	V15.00.00.00_26.01.00.01
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
SIMATIC S7-PLCSIM	V13.0 SP1 Upd1	V13.00.01.01_01.75.00.01
TIA Administrator	V1.0	V01.00.00.00_01.00.00.01
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
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
Siemens 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

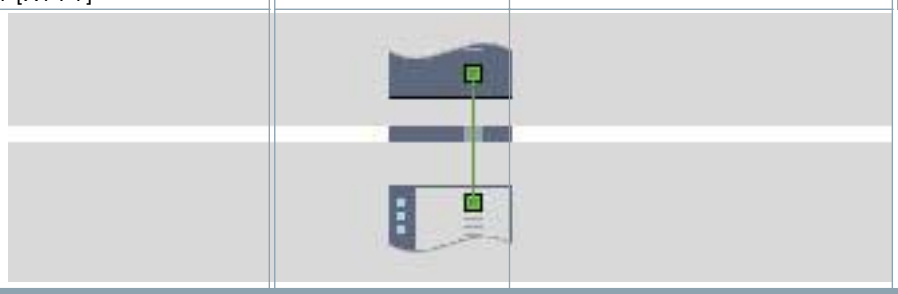
Name	Version	Release
SIMATIC ProSave	V15.0	V15.00.00.00_26.01.00.01

Task1

PLC_1 [CPU 1212C AC/DC/Rly]

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					
	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		
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**	PROFINET IO-System (100)	**Device number**	0
IO device	False				
PROFINET interface [X1]\I/O addresses\Input addresses					
Start address	0	**End address**	0	**Organization block**	0
Process image	0				
PROFINET interface [X1]\I/O addresses\Output addresses					
Start address	0	**End address**	0	**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**	False	**Use IEC V2.2 LLDP mode**	False
Send keepalives for connections	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 band-width for cyclic IO data:	0.008ms				
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 possible	**Alternative partners**	False	**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]\Advanced options\Port [X1 P1]\Hardware identifier\Hardware identifier					
Hardware identifier	65				
PROFINET interface [X1]\Web server access					
Enable Web server using this interface	False	**The Web server must also be activa-ted in the properties of the PLC.**			
PROFINET interface [X1]\Hardware identifier\Hardware identifier					
Hardware identifier	264	**Hardware identifier**	64		
High speed counters (HSC)\HSC1\General\Enable					
Enable this high speed counter	0				
High speed counters (HSC)\HSC1\General\Project information					
Name	HSC_1	**Comment**			
High speed counters (HSC)\HSC1\Function					
Type of counting	Count	**Operating phase**	Single phase		
Counting direction is specified by	User program (internal direction control)	**Initial counting di-rection**	Count up		
Frequency measur-ing period	-/-sec				
High speed counters (HSC)\HSC1\Reset to initial values\Reset values					
Initial counter value	0	**Initial reference val-ue**	0		
High speed counters (HSC)\HSC1\Reset to initial values\Reset options					
Use external reset input	0	**Reset signal level**	-/-		
High speed counters (HSC)\HSC1\Event configuration					
Generate interrupt for counter value equals reference value event.	0	**RidPrefixCvEqualsPv**	49152	**Event name:**	0
Hardware interrupt:	0	**Counter value equal to reference value0**	Counter value equal to reference value0	**ValueNull**	0
ValueNull	0	**EventPriority**	6		
High speed counters (HSC)\HSC1\Event configuration					
Generate interrupt for external reset event.	0	**RidPrefixExternalRe-set**	49408	**Event name:**	0
Hardware interrupt:	0	**External reset0**	External reset0	**ValueNull**	0
ValueNull	0	**EventPriority**	6		
High speed counters (HSC)\HSC1\Event configuration					
Generate interrupt for change of direc-tion event.	0	**RidPrefixDirection-Change**	49280	**Event name:**	0
Hardware interrupt:	0	**Change of direc-tion0**	Change of direction0	**ValueNull**	0
ValueNull	0	**EventPriority**	6		
High speed counters (HSC)\HSC1\Hardware inputs					
Clock generator in-put	---	**HSCInput0_Status**	1	**Direction input**	---
Reset input	---	**Adapter name the user control should use for the address string**	HscChannel.AddressString	**Adapter name the user control should use for the Spee-dAndSourceDisplay**	HscChannel.SpeedAndSourceDis-play
Adapter name the user control should use for the Output Source	HscChannel.OutputSource				
High speed counters (HSC)\HSC1\Hardware inputs					
Direction input	---	**HSCInput1_Status**	1	**Clock generator in-put**	---

Reset input	---	**Adapter name the user control should use for the address string**	HscChannel.AddressString	**Adapter name the user control should use for the SpeedAndSourceDisplay**	HscChannel.SpeedAndSourceDisplay
Adapter name the user control should use for the Output Source	HscChannel.OutputSource				
High speed counters (HSC)\HSC1\Hardware inputs					
Reset input	---	**HSCInput2_Status**	1	**Clock generator input**	---
Direction input	---	**Adapter name the user control should use for the address string**	HscChannel.AddressString	**Adapter name the user control should use for the SpeedAndSourceDisplay**	HscChannel.SpeedAndSourceDisplay
Adapter name the user control should use for the Output Source	HscChannel.OutputSource				
High speed counters (HSC)\HSC1\I/O addresses\Input addresses					
Start address	1000	**End address**	1003	**Organization block**	0
Process image	0				
High speed counters (HSC)\HSC1\Hardware identifier\Hardware identifier					
Hardware identifier	257				
High speed counters (HSC)\HSC2\General\Enable					
Enable this high speed counter	0				
High speed counters (HSC)\HSC2\General\Project information					
Name	HSC_2	**Comment**			
High speed counters (HSC)\HSC2\Function					
Type of counting	Count	**Operating phase**	Single phase		
Counting direction is specified by	User program (internal direction control)	**Initial counting direction**	Count up		
Frequency measuring period	-/-sec				
High speed counters (HSC)\HSC2\Reset to initial values\Reset values					
Initial counter value	0	**Initial reference value**	0		
High speed counters (HSC)\HSC2\Reset to initial values\Reset options					
Use external reset input	0	**Reset signal level**	-/-		
High speed counters (HSC)\HSC2\Event configuration					
Generate interrupt for counter value equals reference value event.	0	**RidPrefixCvEqualsPv**	49152	**Event name:**	0
Hardware interrupt:	0	**Counter value equal to reference value1**	Counter value equal to reference value1	**ValueNull**	0
ValueNull	0	**EventPriority**	6		
High speed counters (HSC)\HSC2\Event configuration					
Generate interrupt for external reset event.	0	**RidPrefixExternalReset**	49408	**Event name:**	0
Hardware interrupt:	0	**External reset1**	External reset1	**ValueNull**	0
ValueNull	0	**EventPriority**	6		
High speed counters (HSC)\HSC2\Event configuration					
Generate interrupt for change of direction event.	0	**RidPrefixDirectionChange**	49280	**Event name:**	0
Hardware interrupt:	0	**Change of direction1**	Change of direction1	**ValueNull**	0
ValueNull	0	**EventPriority**	6		
High speed counters (HSC)\HSC2\Hardware inputs					
Clock generator input	---	**HSCInput0_Status**	1	**Direction input**	---
Reset input	---	**Adapter name the user control should use for the address string**	HscChannel.AddressString	**Adapter name the user control should use for the SpeedAndSourceDisplay**	HscChannel.SpeedAndSourceDisplay
Adapter name the user control should use for the Output Source	HscChannel.OutputSource				
High speed counters (HSC)\HSC2\Hardware inputs					
Direction input	---	**HSCInput1_Status**	1	**Clock generator input**	---
Reset input	---	**Adapter name the user control should use for the address string**	HscChannel.AddressString	**Adapter name the user control should use for the SpeedAndSourceDisplay**	HscChannel.SpeedAndSourceDisplay
Adapter name the user control should use for the Output Source	HscChannel.OutputSource				
High speed counters (HSC)\HSC2\Hardware inputs					
Reset input	---	**HSCInput2_Status**	1	**Clock generator input**	---
Direction input	---	**Adapter name the user control should use for the address string**	HscChannel.AddressString	**Adapter name the user control should use for the SpeedAndSourceDisplay**	HscChannel.SpeedAndSourceDisplay
Adapter name the user control should use for the Output Source	HscChannel.OutputSource				

High speed counters (HSC)\HSC2\I/O addresses\Input addresses					
Start address	1004	**End address**	1007	**Organization block**	0
Process image	0				
High speed counters (HSC)\HSC2\Hardware identifier\Hardware identifier					
Hardware identifier	258				
High speed counters (HSC)\HSC3\General\Enable					
Enable this high speed counter	0				
High speed counters (HSC)\HSC3\General\Project information					
Name	HSC_3	**Comment**			
High speed counters (HSC)\HSC3\Function					
Type of counting	Count	**Operating phase**	Single phase		
Counting direction is specified by	User program (internal direction control)	**Initial counting direction**	Count up		
Frequency measuring period	-/-sec				
High speed counters (HSC)\HSC3\Reset to initial values\Reset values					
Initial counter value	0	**Initial reference value**	0		
High speed counters (HSC)\HSC3\Reset to initial values\Reset options					
Use external reset input	0	**Reset signal level**	-/-		
High speed counters (HSC)\HSC3\Event configuration					
Generate interrupt for counter value equals reference value event.	0	**RidPrefixCvEqualsPv**	49152	**Event name:**	0
Hardware interrupt:	0	**Counter value equal to reference value2**	Counter value equal to reference value2	**ValueNull**	0
ValueNull	0	**EventPriority**	6		
High speed counters (HSC)\HSC3\Event configuration					
Generate interrupt for external reset event.	0	**RidPrefixExternalReset**	49408	**Event name:**	0
Hardware interrupt:	0	**External reset2**	External reset2	**ValueNull**	0
ValueNull	0	**EventPriority**	6		
High speed counters (HSC)\HSC3\Event configuration					
Generate interrupt for change of direction event.	0	**RidPrefixDirectionChange**	49280	**Event name:**	0
Hardware interrupt:	0	**Change of direction2**	Change of direction2	**ValueNull**	0
ValueNull	0	**EventPriority**	6		
High speed counters (HSC)\HSC3\Hardware inputs					
Clock generator input	---	**HSCInput0_Status**	1	**Direction input**	---
Reset input	---	**Adapter name the user control should use for the address string**	HscChannel.AddressString	**Adapter name the user control should use for the SpeedAndSourceDisplay**	HscChannel.SpeedAndSourceDisplay
Adapter name the user control should use for the Output Source	HscChannel.OutputSource				
High speed counters (HSC)\HSC3\Hardware inputs					
Direction input	---	**HSCInput1_Status**	1	**Clock generator input**	---
Reset input	---	**Adapter name the user control should use for the address string**	HscChannel.AddressString	**Adapter name the user control should use for the SpeedAndSourceDisplay**	HscChannel.SpeedAndSourceDisplay
Adapter name the user control should use for the Output Source	HscChannel.OutputSource				
High speed counters (HSC)\HSC3\Hardware inputs					
Reset input	---	**HSCInput2_Status**	1	**Clock generator input**	---
Direction input	---	**Adapter name the user control should use for the address string**	HscChannel.AddressString	**Adapter name the user control should use for the SpeedAndSourceDisplay**	HscChannel.SpeedAndSourceDisplay
Adapter name the user control should use for the Output Source	HscChannel.OutputSource				
High speed counters (HSC)\HSC3\I/O addresses\Input addresses					
Start address	1008	**End address**	1011	**Organization block**	0
Process image	0				
High speed counters (HSC)\HSC3\Hardware identifier\Hardware identifier					
Hardware identifier	259				
High speed counters (HSC)\HSC4\General\Enable					
Enable this high speed counter	0				
High speed counters (HSC)\HSC4\General\Project information					
Name	HSC_4	**Comment**			
High speed counters (HSC)\HSC4\Function					
Type of counting	Count	**Operating phase**	Single phase		
Counting direction is specified by	User program (internal direction control)	**Initial counting direction**	Count up		
Frequency measuring period	-/-sec				

High speed counters (HSC)\HSC4\Reset to initial values\Reset values					
Initial counter value	0	**Initial reference value**	0		
High speed counters (HSC)\HSC4\Reset to initial values\Reset options					
Use external reset input	0	**Reset signal level**	-/-		
High speed counters (HSC)\HSC4\Event configuration					
Generate interrupt for counter value equals reference value event.	0	**RidPrefixCvEqualsPv**	49152	**Event name:**	0
Hardware interrupt:	0	**Counter value equal to reference value3**	Counter value equal to reference value3	**ValueNull**	0
ValueNull	0	**EventPriority**	6		
High speed counters (HSC)\HSC4\Event configuration					
Generate interrupt for external reset event.	0	**RidPrefixExternalReset**	49408	**Event name:**	0
Hardware interrupt:	0	**External reset3**	External reset3	**ValueNull**	0
ValueNull	0	**EventPriority**	6		
High speed counters (HSC)\HSC4\Event configuration					
Generate interrupt for change of direction event.	0	**RidPrefixDirectionChange**	49280	**Event name:**	0
Hardware interrupt:	0	**Change of direction3**	Change of direction3	**ValueNull**	0
ValueNull	0	**EventPriority**	6		
High speed counters (HSC)\HSC4\Hardware inputs					
Clock generator input	---	**HSCInput0_Status**	1	**Direction input**	---
Reset input	---	**Adapter name the user control should use for the address string**	HscChannel.AddressString	**Adapter name the user control should use for the SpeedAndSourceDisplay**	HscChannel.SpeedAndSourceDisplay
Adapter name the user control should use for the Output Source	HscChannel.OutputSource				
High speed counters (HSC)\HSC4\Hardware inputs					
Direction input	---	**HSCInput1_Status**	1	**Clock generator input**	---
Reset input	---	**Adapter name the user control should use for the address string**	HscChannel.AddressString	**Adapter name the user control should use for the SpeedAndSourceDisplay**	HscChannel.SpeedAndSourceDisplay
Adapter name the user control should use for the Output Source	HscChannel.OutputSource				
High speed counters (HSC)\HSC4\Hardware inputs					
Reset input	---	**HSCInput2_Status**	1	**Clock generator input**	---
Direction input	---	**Adapter name the user control should use for the address string**	HscChannel.AddressString	**Adapter name the user control should use for the SpeedAndSourceDisplay**	HscChannel.SpeedAndSourceDisplay
Adapter name the user control should use for the Output Source	HscChannel.OutputSource				
High speed counters (HSC)\HSC4\I/O addresses\Input addresses					
Start address	1012	**End address**	1015	**Organization block**	0
Process image	0				
High speed counters (HSC)\HSC4\Hardware identifier\Hardware identifier					
Hardware identifier	260				
High speed counters (HSC)\HSC5\General\Enable					
Enable this high speed counter	0				
High speed counters (HSC)\HSC5\General\Project information					
Name	HSC_5	**Comment**			
High speed counters (HSC)\HSC5\Function					
Type of counting	Count	**Operating phase**	Single phase		
Counting direction is specified by	User program (internal direction control)	**Initial counting direction**	Count up		
Frequency measuring period	-/-sec				
High speed counters (HSC)\HSC5\Reset to initial values\Reset values					
Initial counter value	0	**Initial reference value**	0		
High speed counters (HSC)\HSC5\Reset to initial values\Reset options					
Use external reset input	0	**Reset signal level**	-/-		
High speed counters (HSC)\HSC5\Event configuration					
Generate interrupt for counter value equals reference value event.	0	**RidPrefixCvEqualsPv**	49152	**Event name:**	0
Hardware interrupt:	0	**Counter value equal to reference value4**	Counter value equal to reference value4	**ValueNull**	0
ValueNull	0	**EventPriority**	6		
High speed counters (HSC)\HSC5\Event configuration					
Generate interrupt for external reset event.	0	**RidPrefixExternalReset**	49408	**Event name:**	0

Hardware interrupt:	0	**External reset4**	External reset4	**ValueNull**	0
ValueNull	0	**EventPriority**	6		
High speed counters (HSC)\HSC5\Event configuration					
Generate interrupt for change of direction event.	0	**RidPrefixDirection-Change**	49280	**Event name:**	0
Hardware interrupt:	0	**Change of direction4**	Change of direction4	**ValueNull**	0
ValueNull	0	**EventPriority**	6		
High speed counters (HSC)\HSC5\Hardware inputs					
Clock generator input	---	**HSCInput0_Status**	1	**Direction input**	---
Reset input	---	**Adapter name the user control should use for the address string**	HscChannel.AddressString	**Adapter name the user control should use for the SpeedAndSourceDisplay**	HscChannel.SpeedAndSourceDisplay
Adapter name the user control should use for the Output Source	HscChannel.OutputSource				
High speed counters (HSC)\HSC5\Hardware inputs					
Direction input	---	**HSCInput1_Status**	1	**Clock generator input**	---
Reset input	---	**Adapter name the user control should use for the address string**	HscChannel.AddressString	**Adapter name the user control should use for the SpeedAndSourceDisplay**	HscChannel.SpeedAndSourceDisplay
Adapter name the user control should use for the Output Source	HscChannel.OutputSource				
High speed counters (HSC)\HSC5\Hardware inputs					
Reset input	---	**HSCInput2_Status**	1	**Clock generator input**	---
Direction input	---	**Adapter name the user control should use for the address string**	HscChannel.AddressString	**Adapter name the user control should use for the SpeedAndSourceDisplay**	HscChannel.SpeedAndSourceDisplay
Adapter name the user control should use for the Output Source	HscChannel.OutputSource				
High speed counters (HSC)\HSC5\I/O addresses\Input addresses					
Start address	1016	**End address**	1019	**Organization block**	0
Process image	0				
High speed counters (HSC)\HSC5\Hardware identifier\Hardware identifier					
Hardware identifier	261				
High speed counters (HSC)\HSC6\General\Enable					
Enable this high speed counter	0				
High speed counters (HSC)\HSC6\General\Project information					
Name	HSC_6	**Comment**			
High speed counters (HSC)\HSC6\Function					
Type of counting	Count	**Operating phase**	Single phase		
Counting direction is specified by	User program (internal direction control)	**Initial counting direction**	Count up		
Frequency measuring period	-/-sec				
High speed counters (HSC)\HSC6\Reset to initial values\Reset values					
Initial counter value	0	**Initial reference value**	0		
High speed counters (HSC)\HSC6\Reset to initial values\Reset options					
Use external reset input	0	**Reset signal level**	-/-		
High speed counters (HSC)\HSC6\Event configuration					
Generate interrupt for counter value equals reference value event.	0	**RidPrefixCvEqualsPv**	49152	**Event name:**	0
Hardware interrupt:	0	**Counter value equal to reference value5**	Counter value equal to reference value5	**ValueNull**	0
ValueNull	0	**EventPriority**	6		
High speed counters (HSC)\HSC6\Event configuration					
Generate interrupt for external reset event.	0	**RidPrefixExternalReset**	49408	**Event name:**	0
Hardware interrupt:	0	**External reset5**	External reset5	**ValueNull**	0
ValueNull	0	**EventPriority**	6		
High speed counters (HSC)\HSC6\Event configuration					
Generate interrupt for change of direction event.	0	**RidPrefixDirection-Change**	49280	**Event name:**	0
Hardware interrupt:	0	**Change of direction5**	Change of direction5	**ValueNull**	0
ValueNull	0	**EventPriority**	6		
High speed counters (HSC)\HSC6\Hardware inputs					
Clock generator input	---	**HSCInput0_Status**	1	**Direction input**	---
Reset input	---	**Adapter name the user control should use for the address string**	HscChannel.AddressString	**Adapter name the user control should use for the SpeedAndSourceDisplay**	HscChannel.SpeedAndSourceDisplay

Adapter name the user control should use for the Output Source	HscChannel.OutputSource				
High speed counters (HSC)\HSC6\Hardware inputs					
Direction input	---	**HSCInput1_Status**	1	**Clock generator input**	---
Reset input	---	**Adapter name the user control should use for the address string**	HscChannel.AddressString	**Adapter name the user control should use for the SpeedAndSourceDisplay**	HscChannel.SpeedAndSourceDisplay
Adapter name the user control should use for the Output Source	HscChannel.OutputSource				
High speed counters (HSC)\HSC6\Hardware inputs					
Reset input	---	**HSCInput2_Status**	1	**Clock generator input**	---
Direction input	---	**Adapter name the user control should use for the address string**	HscChannel.AddressString	**Adapter name the user control should use for the SpeedAndSourceDisplay**	HscChannel.SpeedAndSourceDisplay
Adapter name the user control should use for the Output Source	HscChannel.OutputSource				
High speed counters (HSC)\HSC6\I/O addresses\Input addresses					
Start address	1020	**End address**	1023	**Organization block**	0
Process image	0				
High speed counters (HSC)\HSC6\Hardware identifier\Hardware identifier					
Hardware identifier	262				
Pulse generators (PTO/PWM)\PTO1/PWM1\General\Enable					
Enable this pulse generator	0				
Pulse generators (PTO/PWM)\PTO1/PWM1\General\Project information					
Name	Pulse_1	**Comment**			
Pulse generators (PTO/PWM)\PTO1/PWM1\Parameter assignment\Pulse options					
Signal type	PWM	**Time base:**	Milliseconds	**Pulse duration format**	Hundredths
Cycle time	100ms	**Initial pulse duration**	50Hundredths		
Pulse generators (PTO/PWM)\PTO1/PWM1\Hardware outputs					
Enable direction output	0				
Pulse generators (PTO/PWM)\PTO1/PWM1\Hardware outputs					
Pulse output		**PulseOutput1_Status**	1	**Adapter name the user control should use for the address string**	PulseChannel.AddressString
Adapter name the user control should use for the SpeedAndSourceDisplay	PulseChannel.SpeedAndSourceDisplay	**Adapter name the user control should use for the Output Source**	PulseChannel.OutputSource		
Pulse generators (PTO/PWM)\PTO1/PWM1\Hardware outputs					
PulseOutput2_Status	1	**Pulse output**		**Adapter name the user control should use for the address string**	PulseChannel.AddressString
Adapter name the user control should use for the SpeedAndSourceDisplay	PulseChannel.SpeedAndSourceDisplay	**Adapter name the user control should use for the Output Source**	PulseChannel.OutputSource		
Pulse generators (PTO/PWM)\PTO1/PWM1\I/O addresses\Output addresses					
Start address	1000	**End address**	1001	**Organization block**	0
Process image	0				
Pulse generators (PTO/PWM)\PTO1/PWM1\Hardware identifier\Hardware identifier					
Hardware identifier	265				
Pulse generators (PTO/PWM)\PTO2/PWM2\General\Enable					
Enable this pulse generator	0				
Pulse generators (PTO/PWM)\PTO2/PWM2\General\Project information					
Name	Pulse_2	**Comment**			
Pulse generators (PTO/PWM)\PTO2/PWM2\Parameter assignment\Pulse options					
Signal type	PWM	**Time base:**	Milliseconds	**Pulse duration format**	Hundredths
Cycle time	100ms	**Initial pulse duration**	50Hundredths		
Pulse generators (PTO/PWM)\PTO2/PWM2\Hardware outputs					
Enable direction output	0				
Pulse generators (PTO/PWM)\PTO2/PWM2\Hardware outputs					
Pulse output		**PulseOutput1_Status**	1	**Adapter name the user control should use for the address string**	PulseChannel.AddressString
Adapter name the user control should use for the SpeedAndSourceDisplay	PulseChannel.SpeedAndSourceDisplay	**Adapter name the user control should use for the Output Source**	PulseChannel.OutputSource		
Pulse generators (PTO/PWM)\PTO2/PWM2\Hardware outputs					
PulseOutput2_Status	1	**Pulse output**		**Adapter name the user control should use for the address string**	PulseChannel.AddressString

Adapter name the user control should use for the SpeedAndSourceDisplay	PulseChannel.SpeedAndSourceDisplay	**Adapter name the user control should use for the Output Source**	PulseChannel.OutputSource		
Pulse generators (PTO/PWM)\PTO2/PWM2\I/O addresses\Output addresses					
Start address	1002	**End address**	1003	**Organization block**	0
Process image	0				
Pulse generators (PTO/PWM)\PTO2/PWM2\Hardware identifier\Hardware identifier					
Hardware identifier	266				
Pulse generators (PTO/PWM)\PTO3/PWM3\General\Enable					
Enable this pulse generator	0				
Pulse generators (PTO/PWM)\PTO3/PWM3\General\Project information					
Name	Pulse_3	**Comment**			
Pulse generators (PTO/PWM)\PTO3/PWM3\Parameter assignment\Pulse options					
Signal type	PWM	**Time base:**	Milliseconds	**Pulse duration format**	Hundredths
Cycle time	100ms	**Initial pulse duration**	50Hundredths		
Pulse generators (PTO/PWM)\PTO3/PWM3\Hardware outputs					
Enable direction output	0				
Pulse generators (PTO/PWM)\PTO3/PWM3\Hardware outputs					
Pulse output		**PulseOutput1_Status**	1	**Adapter name the user control should use for the address string**	PulseChannel.AddressString
Adapter name the user control should use for the SpeedAndSourceDisplay	PulseChannel.SpeedAndSourceDisplay	**Adapter name the user control should use for the Output Source**	PulseChannel.OutputSource		
Pulse generators (PTO/PWM)\PTO3/PWM3\Hardware outputs					
PulseOutput2_Status	1	**Pulse output**		**Adapter name the user control should use for the address string**	PulseChannel.AddressString
Adapter name the user control should use for the SpeedAndSourceDisplay	PulseChannel.SpeedAndSourceDisplay	**Adapter name the user control should use for the Output Source**	PulseChannel.OutputSource		
Pulse generators (PTO/PWM)\PTO3/PWM3\I/O addresses\Output addresses					
Start address	1004	**End address**	1005	**Organization block**	0
Process image	0				
Pulse generators (PTO/PWM)\PTO3/PWM3\Hardware identifier\Hardware identifier					
Hardware identifier	267				
Pulse generators (PTO/PWM)\PTO4/PWM4\General\Enable					
Enable this pulse generator	0				
Pulse generators (PTO/PWM)\PTO4/PWM4\General\Project information					
Name	Pulse_4	**Comment**			
Pulse generators (PTO/PWM)\PTO4/PWM4\Parameter assignment\Pulse options					
Signal type	PWM	**Time base:**	Milliseconds	**Pulse duration format**	Hundredths
Cycle time	100ms	**Initial pulse duration**	50Hundredths		
Pulse generators (PTO/PWM)\PTO4/PWM4\Hardware outputs					
Enable direction output	0				
Pulse generators (PTO/PWM)\PTO4/PWM4\Hardware outputs					
Pulse output		**PulseOutput1_Status**	1	**Adapter name the user control should use for the address string**	PulseChannel.AddressString
Adapter name the user control should use for the SpeedAndSourceDisplay	PulseChannel.SpeedAndSourceDisplay	**Adapter name the user control should use for the Output Source**	PulseChannel.OutputSource		
Pulse generators (PTO/PWM)\PTO4/PWM4\Hardware outputs					
PulseOutput2_Status	1	**Pulse output**		**Adapter name the user control should use for the address string**	PulseChannel.AddressString
Adapter name the user control should use for the SpeedAndSourceDisplay	PulseChannel.SpeedAndSourceDisplay	**Adapter name the user control should use for the Output Source**	PulseChannel.OutputSource		
Pulse generators (PTO/PWM)\PTO4/PWM4\I/O addresses\Output addresses					
Start address	1006	**End address**	1007	**Organization block**	0
Process image	0				
Pulse generators (PTO/PWM)\PTO4/PWM4\Hardware identifier\Hardware identifier					
Hardware identifier	268				
Startup					
Startup after POWER ON	Warm restart - mode before POWER OFF	**Comparison preset to actual configuration**	Startup CPU even if mismatch	**Configuration time for central and distributed I/O**	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	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)
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 (Tag_2)
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 day-light 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					
Level of protection	No protection				
Protection\Connection mechanisms					
Permit access with PUT/GET communi-cation from remote partner (PLC, HMI, OPC, ...)	True				
Configuration control\Configuration control for central configuration					
Allow to reconfigure the device via the user program	0				
Anchor (AddressesOverviewMenu)					
Inputs	True	**Outputs**	True	**Address gaps**	False
Slot	True				

Anchor (AddressesOverviewMenu)\Overview of addresses

Type	Addr. from	Addr. to	Module	PIP	DP	PN	Rack	Slot
I	0	0	DI 8/DQ 6_1	None	-	-	0	1 1
I	64	67	AI 2_1	None	-	-	0	1 2
I	1000	1003	HSC_1	None	-	-	0	1 16
I	1004	1007	HSC_2	None	-	-	0	1 17
I	1008	1011	HSC_3	None	-	-	0	1 18
I	1012	1015	HSC_4	None	-	-	0	1 19
I	1016	1019	HSC_5	None	-	-	0	1 20
I	1020	1023	HSC_6	None	-	-	0	1 21
I	90	122	IO-Link In/Out 32/32 Byte + PQI	None	-	(0)	0	1 3
I	68	76	IO-Link In/Out 8/ 8 Byte + PQI	None	-	(0)	0	1 2
O	0	0	DI 8/DQ 6_1	None	-	-	0	1 1
O	1000	1001	Pulse_1	None	-	-	0	1 32
O	1002	1003	Pulse_2	None	-	-	0	1 33
O	1004	1005	Pulse_3	None	-	-	0	1 34
O	1006	1007	Pulse_4	None	-	-	0	1 35
O	84	115	IO-Link In/Out 32/32 Byte + PQI	None	-	(0)	0	1 3
O	64	71	IO-Link In/Out 8/ 8 Byte + PQI	None	-	(0)	0	1 2

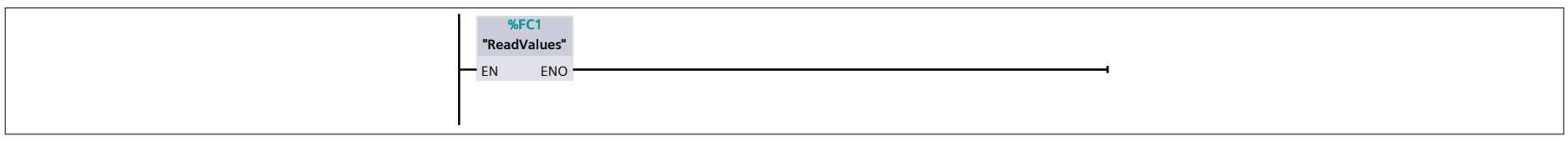
Task1 / PLC_1 [CPU 1212C AC/DC/Rly] / Program blocks

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**					

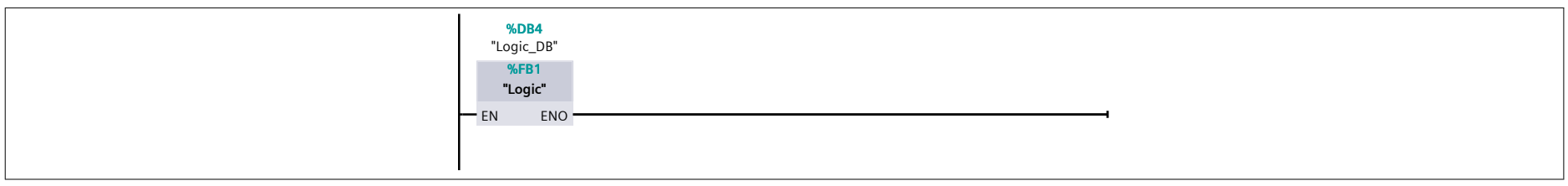
Name	Data type	Default value	Comment
▼ Input			
Initial_Call	Bool		Initial call of this OB
Remanence	Bool		=True, if remanent data are available
Temp			
Constant			

Network 1: Read values from RFID



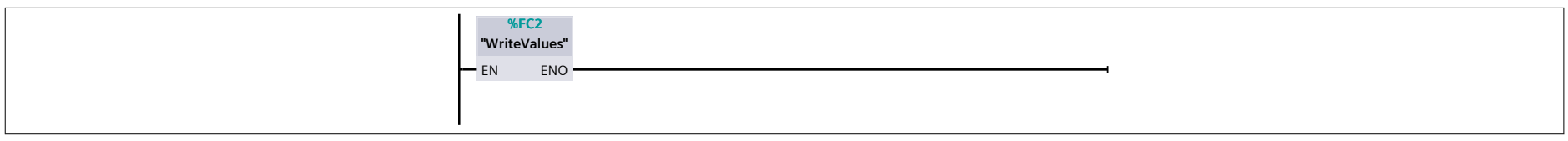
Symbol	Address	Type	Comment

Network 2: Logic for RFID buffer



Symbol	Address	Type	Comment

Network 3: Write Values to RFID



Symbol	Address	Type	Comment

Task1 / PLC_1 [CPU 1212C AC/DC/Rly] / Program blocks

test [DB2]

test Properties							
General							
Name	test	**Number**	2	**Type**	DB	**Language**	DB
Numbering	automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Offset	Start value	Retain	Accessible from HMI	Visible in HMI	Setpoint	Comment
▼ Static								
demo	Bool	0.0	false	False	True	True	True	
data	Int	2.0	0	False	True	True	True	

Task1 / PLC_1 [CPU 1212C AC/DC/Rly] / Program blocks

Logic_DB [DB4]

Logic_DB Properties							
General							
Name	Logic_DB	**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	Visible in HMI	Setpoint	Comment
Input							
Output							
InOut							
Static							

Task1 / PLC_1 [CPU 1212C AC/DC/Rly] / Program blocks / RFID

RFIDData [DB1]

RFIDData Properties							
General							
Name	RFIDData	**Number**	1	**Type**	DB	**Language**	DB
Numbering	automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Offset	Start value	Retain	Accessible from HMI	Visible in HMI	Setpoint	Comment
Static								
RFID	"RFID_IOLink"	0.0		False	True	True	False	
Input	Struct	0.0		False	True	True	False	
command_ack	Bool	0.0	false	False	True	True	False	
command_end	Bool	0.1	false	False	True	True	False	
tag_present	Bool	0.2	false	False	True	True	False	
Antenna_deactivated	Bool	0.3	false	False	True	True	False	
command_value	Byte	1.0	16#0	False	True	True	False	
read_values	Array[0..3] of Int	2.0		False	True	True	False	
read_values[0]	Int	0.0	0	False	True	True	False	
read_values[1]	Int	2.0	0	False	True	True	False	
read_values[2]	Int	4.0	0	False	True	True	False	
read_values[3]	Int	6.0	0	False	True	True	False	
Output	Struct	10.0		False	True	True	False	
Start_r/w	Bool	0.0	false	False	True	True	False	
Deactivate_antenna	Bool	0.1	false	False	True	True	False	
command_value	Byte	1.0	16#1	False	True	True	False	0= read UID, 1=Auto-read, 2=Auto-write, 3=read, 4=write
write_values	Array[0..3] of Int	2.0		False	True	True	False	
write_values[0]	Int	0.0	0	False	True	True	False	
write_values[1]	Int	2.0	0	False	True	True	False	
write_values[2]	Int	4.0	0	False	True	True	False	
write_values[3]	Int	6.0	0	False	True	True	False	

Task1 / PLC_1 [CPU 1212C AC/DC/Rly] / Program blocks / RFID

ReadValues [FC1]

ReadValues Properties							
General							
Name	ReadValues	**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			
ReadValues	Void		

```
0001 //Reading value from RFID
0002 "RFIDData".RFID.Input.command_ack:="i_command_ack";
0003 "RFIDData".RFID.Input.command_value:="i_command_value";
0004 "RFIDData".RFID.Input.command_end:="i_command_end";
0005 "RFIDData".RFID.Input.tag_present:="i_tag_present";
0006 "RFIDData".RFID.Input.Antenna_deactivated:="i_antenna_deactivated";
0007 "RFIDData".RFID.Input.read_values[0]:="i_read_value_0";
0008 "RFIDData".RFID.Input.read_values[1]:="i_read_value_1";
0009 "RFIDData".RFID.Input.read_values[2]:="i_read_value_2";
0010 "RFIDData".RFID.Input.read_values[3]:="i_read_value_3";
```

Symbol	Address	Type	Comment
"i_antenna_deactivated"	%I91.3	Bool	
"i_command_ack"	%I91.0	Bool	
"i_command_end"	%I91.1	Bool	
"i_command_value"	%IB90	Byte	
"i_read_value_0"	%IW92	Int	
"i_read_value_1"	%IW94	Int	
"i_read_value_2"	%IW96	Int	
"i_read_value_3"	%IW98	Int	
"i_tag_present"	%I91.2	Bool	
"RFIDData".RFID.Input.Antenna_deactivated	%DB1.DBX0.3	Bool	
"RFIDData".RFID.Input.command_ack	%DB1.DBX0.0	Bool	
"RFIDData".RFID.Input.command_end	%DB1.DBX0.1	Bool	
"RFIDData".RFID.Input.command_value	%DB1.DBB1	Byte	
"RFIDData".RFID.Input.read_values	P#DB1.DBX2.0	Array	
"RFIDData".RFID.Input.tag_present	%DB1.DBX0.2	Bool	

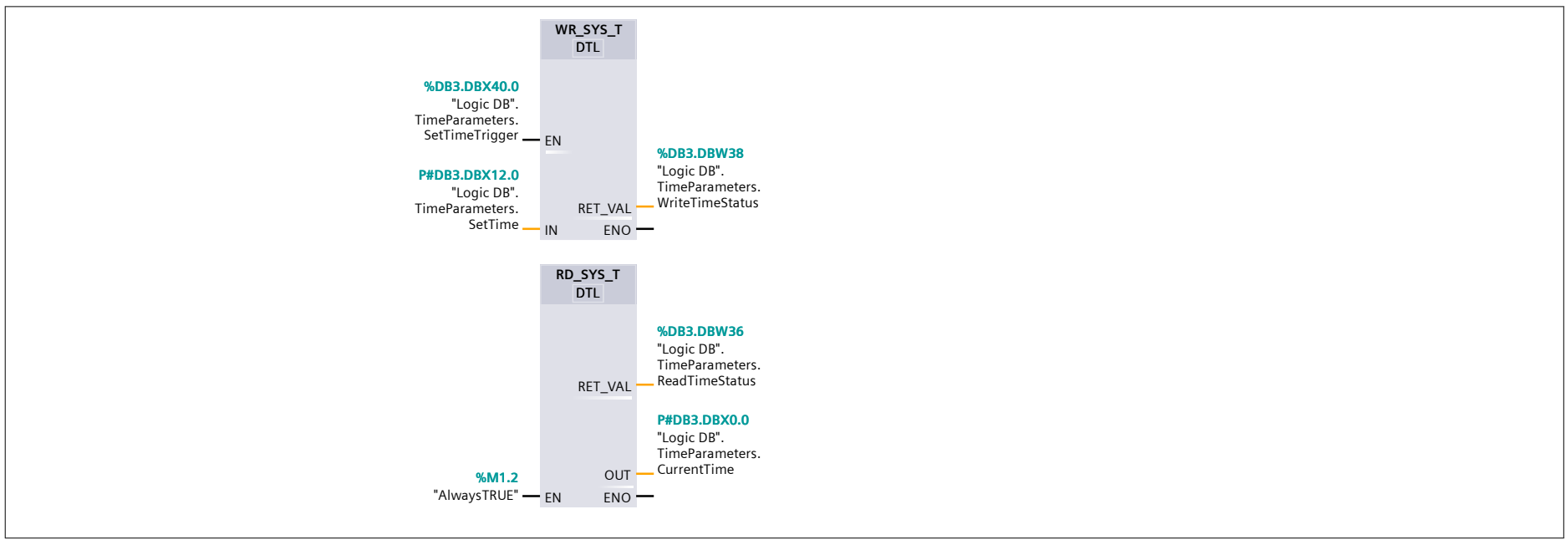
Task1 / PLC_1 [CPU 1212C AC/DC/Rly] / Program blocks / RFID

Logic [FB1]

Logic Properties							
General							
Name	Logic	**Number**	1	**Type**	FB	**Language**	FBD
Numbering	automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

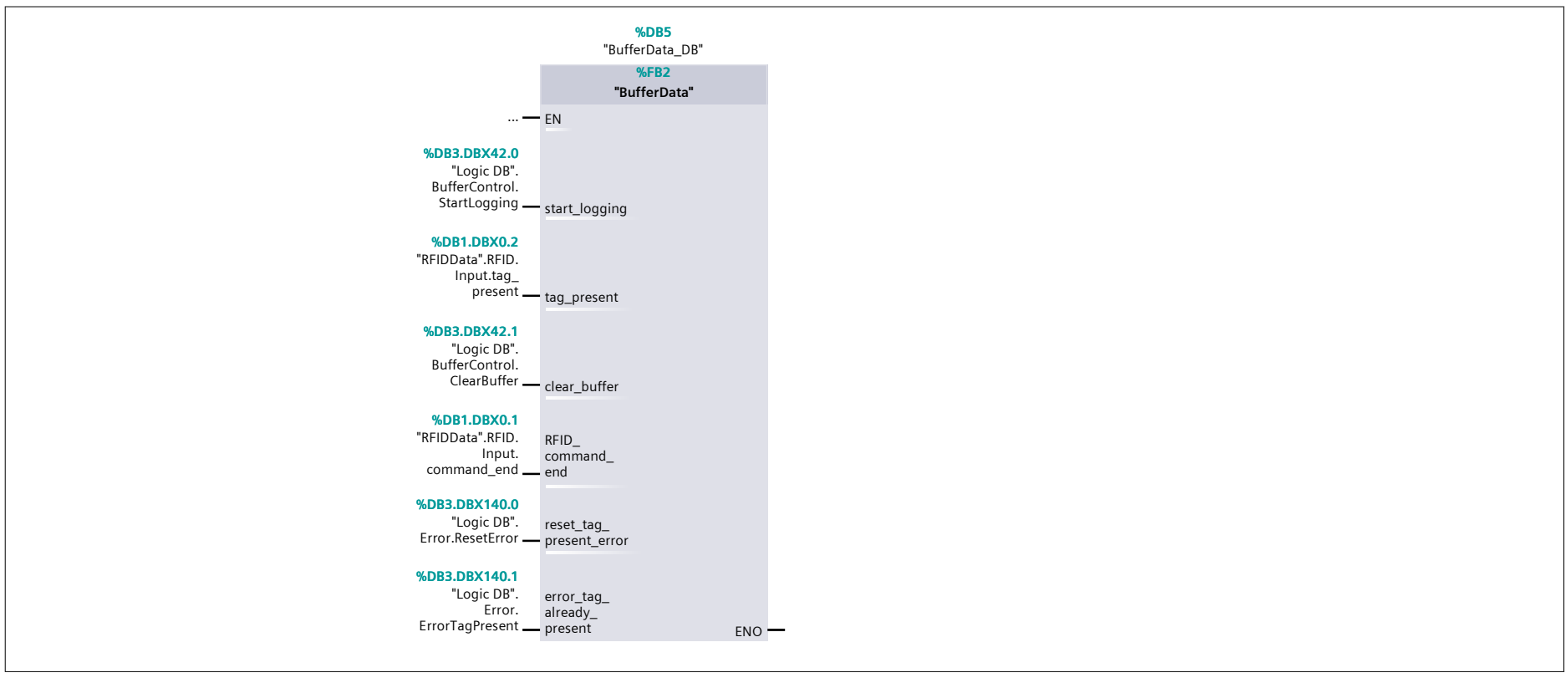
Name	Data type	Default value	Retain	Accessible from HMI	Visible in HMI	Setpoint	Comment
Input							
Output							
InOut							
Static							
Temp							
Constant							

Network 1: Log of tags with timestamp



Symbol	Address	Type	Comment
"AlwaysTRUE"	%M1.2	Bool	
"Logic DB".TimeParameters.CurrentTime	P#DB3.DBX0.0	DTL	
"Logic DB".TimeParameters.ReadTimeStatus	%DB3.DBW36	Int	
"Logic DB".TimeParameters.SetTime	P#DB3.DBX12.0	DTL	
"Logic DB".TimeParameters.SetTimeTrigger	%DB3.DBX40.0	Bool	
"Logic DB".TimeParameters.WriteTimeStatus	%DB3.DBW38	Int	

Network 2: Saving value in buffer DB



Symbol	Address	Type	Comment
"Logic DB".BufferControl.ClearBuffer	%DB3.DBX42.1	Bool	
"Logic DB".BufferControl.StartLogging	%DB3.DBX42.0	Bool	
"Logic DB".Error.ErrorTagPresent	%DB3.DBX140.1	Bool	
"Logic DB".Error.ResetError	%DB3.DBX140.0	Bool	
"RFIDData".RFID.Input.command_end	%DB1.DBX0.1	Bool	
"RFIDData".RFID.Input.tag_present	%DB1.DBX0.2	Bool	

Task1 / PLC_1 [CPU 1212C AC/DC/Rly] / Program blocks / RFID

Logic DB [DB3]

Logic DB Properties							
General							
Name	Logic DB	**Number**	3	**Type**	DB	**Language**	DB
Numbering	automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Offset	Start value	Retain	Accessible from HMI	Visible in HMI	Setpoint	Comment
Static								
TimeParameters	Struct	0.0		False	True	True	False	
CurrentTime	DTL	0.0	DTL#1970-01-01-00:00:00	False	True	True	False	
YEAR	UInt	0.0	1970	False	True	True	False	
MONTH	USInt	2.0	1	False	True	True	False	
DAY	USInt	3.0	1	False	True	True	False	
WEEKDAY	USInt	4.0	5	False	True	True	False	
HOUR	USInt	5.0	0	False	True	True	False	
MINUTE	USInt	6.0	0	False	True	True	False	
SECOND	USInt	7.0	0	False	True	True	False	
NANOSECOND	UDInt	8.0	0	False	True	True	False	
SetTime	DTL	12.0	DTL#1970-01-01-00:00:00	False	True	True	False	
YEAR	UInt	0.0	1970	False	True	True	False	
MONTH	USInt	2.0	1	False	True	True	False	
DAY	USInt	3.0	1	False	True	True	False	
WEEKDAY	USInt	4.0	5	False	True	True	False	
HOUR	USInt	5.0	0	False	True	True	False	
MINUTE	USInt	6.0	0	False	True	True	False	
SECOND	USInt	7.0	0	False	True	True	False	
NANOSECOND	UDInt	8.0	0	False	True	True	False	
ResetTime	DTL	24.0	DTL#1970-01-01-00:00:00	False	True	True	False	
YEAR	UInt	0.0	1970	False	True	True	False	
MONTH	USInt	2.0	1	False	True	True	False	
DAY	USInt	3.0	1	False	True	True	False	
WEEKDAY	USInt	4.0	5	False	True	True	False	
HOUR	USInt	5.0	0	False	True	True	False	
MINUTE	USInt	6.0	0	False	True	True	False	
SECOND	USInt	7.0	0	False	True	True	False	
NANOSECOND	UDInt	8.0	0	False	True	True	False	
ReadTimeStatus	Int	36.0	0	False	True	True	False	
WriteTimeStatus	Int	38.0	0	False	True	True	False	
SetTimeTrigger	Bool	40.0	false	False	True	True	False	
BufferControl	Struct	42.0		False	True	True	False	
StartLogging	Bool	0.0	false	False	True	True	False	
ClearBuffer	Bool	0.1	false	False	True	True	False	
Job	Array[0..5] of Struct	2.0		False	True	True	False	Storing values in bufffer
Job[0]	Struct	0.0		False	True	True	False	
RFID	Int	0.0	0	False	True	True	False	
Job_ID	Int	2.0	0	False	True	True	False	
Process	DTL	4.0	DTL#1970-01-01-00:00:00	False	True	True	False	
YEAR	UInt	0.0	1970	False	True	True	False	
MONTH	USInt	2.0	1	False	True	True	False	
DAY	USInt	3.0	1	False	True	True	False	
WEEKDAY	USInt	4.0	5	False	True	True	False	
HOUR	USInt	5.0	0	False	True	True	False	
MINUTE	USInt	6.0	0	False	True	True	False	
SECOND	USInt	7.0	0	False	True	True	False	
NANOSECOND	UDInt	8.0	0	False	True	True	False	
Job[1]	Struct	16.0		False	True	True	False	
RFID	Int	0.0	0	False	True	True	False	
Job_ID	Int	2.0	0	False	True	True	False	
Process	DTL	4.0	DTL#1970-01-01-00:00:00	False	True	True	False	
YEAR	UInt	0.0	1970	False	True	True	False	
MONTH	USInt	2.0	1	False	True	True	False	
DAY	USInt	3.0	1	False	True	True	False	
WEEKDAY	USInt	4.0	5	False	True	True	False	
HOUR	USInt	5.0	0	False	True	True	False	
MINUTE	USInt	6.0	0	False	True	True	False	
SECOND	USInt	7.0	0	False	True	True	False	
NANOSECOND	UDInt	8.0	0	False	True	True	False	
Job[2]	Struct	32.0		False	True	True	False	
RFID	Int	0.0	0	False	True	True	False	
Job_ID	Int	2.0	0	False	True	True	False	
Process	DTL	4.0	DTL#1970-01-01-00:00:00	False	True	True	False	

Name	Data type	Offset	Start value	Retain	Accessible from HMI	Visible in HMI	Setpoint	Comment
YEAR	UInt	0.0	1970	False	True	True	False	
MONTH	USInt	2.0	1	False	True	True	False	
DAY	USInt	3.0	1	False	True	True	False	
WEEKDAY	USInt	4.0	5	False	True	True	False	
HOUR	USInt	5.0	0	False	True	True	False	
MINUTE	USInt	6.0	0	False	True	True	False	
SECOND	USInt	7.0	0	False	True	True	False	
NANOSECOND	UDInt	8.0	0	False	True	True	False	
Job[3]	Struct	48.0		False	True	True	False	
RFID	Int	0.0	0	False	True	True	False	
Job_ID	Int	2.0	0	False	True	True	False	
Process	DTL	4.0	DTL#1970-01-01-00:00:00	False	True	True	False	
YEAR	UInt	0.0	1970	False	True	True	False	
MONTH	USInt	2.0	1	False	True	True	False	
DAY	USInt	3.0	1	False	True	True	False	
WEEKDAY	USInt	4.0	5	False	True	True	False	
HOUR	USInt	5.0	0	False	True	True	False	
MINUTE	USInt	6.0	0	False	True	True	False	
SECOND	USInt	7.0	0	False	True	True	False	
NANOSECOND	UDInt	8.0	0	False	True	True	False	
Job[4]	Struct	64.0		False	True	True	False	
RFID	Int	0.0	0	False	True	True	False	
Job_ID	Int	2.0	0	False	True	True	False	
Process	DTL	4.0	DTL#1970-01-01-00:00:00	False	True	True	False	
YEAR	UInt	0.0	1970	False	True	True	False	
MONTH	USInt	2.0	1	False	True	True	False	
DAY	USInt	3.0	1	False	True	True	False	
WEEKDAY	USInt	4.0	5	False	True	True	False	
HOUR	USInt	5.0	0	False	True	True	False	
MINUTE	USInt	6.0	0	False	True	True	False	
SECOND	USInt	7.0	0	False	True	True	False	
NANOSECOND	UDInt	8.0	0	False	True	True	False	
Job[5]	Struct	80.0		False	True	True	False	
RFID	Int	0.0	0	False	True	True	False	
Job_ID	Int	2.0	0	False	True	True	False	
Process	DTL	4.0	DTL#1970-01-01-00:00:00	False	True	True	False	
YEAR	UInt	0.0	1970	False	True	True	False	
MONTH	USInt	2.0	1	False	True	True	False	
DAY	USInt	3.0	1	False	True	True	False	
WEEKDAY	USInt	4.0	5	False	True	True	False	
HOUR	USInt	5.0	0	False	True	True	False	
MINUTE	USInt	6.0	0	False	True	True	False	
SECOND	USInt	7.0	0	False	True	True	False	
NANOSECOND	UDInt	8.0	0	False	True	True	False	
Error	Struct	140.0		False	True	True	False	
ResetError	Bool	0.0	false	False	True	True	False	
ErrorTagPresent	Bool	0.1	false	False	True	True	False	

Task1 / PLC_1 [CPU 1212C AC/DC/Rly] / Program blocks / RFID

BufferData [FB2]

BufferData Properties							
General							
Name	BufferData	**Number**	2	**Type**	FB	**Language**	SCL
Numbering	automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Retain	Accessible from HMI	Visible in HMI	Setpoint	Comment
▼ Input							
start_logging	Bool	false	Non-retain	False	False	False	
tag_present	Bool	false	Non-retain	False	False	False	
clear_buffer	Bool	false	Non-retain	True	True	False	
RFID_command_end	Bool	false	Non-retain	True	True	False	
reset_tag_present_error	Bool	false	Non-retain	True	True	False	
Output							
▼ InOut							
error_tag_already_present	Bool	false	Non-retain	True	True	False	
▼ Static							
i	Int	0	Non-retain	False	False	False	
j	Int	0	Non-retain	True	True	False	
a	Int	0	Non-retain	True	True	False	job loop
b	Int	0	Non-retain	True	True	False	timestamp_loop
c	Int	0	Non-retain	True	True	False	
d	Int	0	Non-retain	True	True	False	
command_end_flag	Bool	false	Non-retain	False	False	False	
M_command_end_flag	Bool	false	Non-retain	False	False	False	
Temp							
Constant							

```
0001 //Generating rising edge bit for RFID 'End' status
0002 #command_end_flag:= #RFID_command_end AND NOT #M_command_end_flag;
0003 #M_command_end_flag := #RFID_command_end;
0004
0005 //Check tag validity i.e. Tag should not be = 0 and not already registered
0006 IF (#start_logging AND NOT #error_tag_already_present) THEN
0007     IF (#command_end_flag) AND ("RFIDData".RFID.Input.read_values[0] <> 0) THEN
0008         FOR #c := 0 TO 5 DO
0009             IF ("Logic DB".BufferControl.Job[#c].RFID = "RFIDData".RFID.Input.read_values[0]) THEN
0010                 #error_tag_already_present := true;
0011                 GOTO x1;
0012             END_IF;
0013         END_FOR;
0014         x1: ;
0015         //IF RFID tag is not registered --> Registering the tag information in the next available slot
0016         FOR #d := 0 TO 5 DO
0017             IF (#command_end_flag) AND ("Logic DB".BufferControl.Job[#d].RFID = 0) AND NOT #error_tag_al-
     ready_present THEN
0018                 "Logic DB".BufferControl.Job[#d].Job_ID := #d +1;
0019                 "Logic DB".BufferControl.Job[#d].RFID := "RFIDData".RFID.Input.read_values[0];
0020                 "Logic DB".BufferControl.Job[#d].Process :="Logic DB".TimeParameters.CurrentTime ;
0021                 GOTO x2;
0022             END_IF;
0023         END_FOR;
0024     x2: ;
0025    END_IF;
0026 END_IF;
0027
0028 //Clear log button
0029 IF #clear_buffer THEN
0030     FOR #i := 0 TO 5 DO
0031         "Logic DB".BufferControl.Job[#i].Process := "Logic DB".TimeParameters.ResetTime;
0032         "Logic DB".BufferControl.Job[#i].RFID := 0;
0033         "Logic DB".BufferControl.Job[#i].Job_ID := 0;
0034     END_FOR;
0035         #i := 0;
0036         #c := 0;
0037         #d := 0;
0038 END_IF;
0039
0040 IF (#reset_tag_present_error) THEN
0041     #error_tag_already_present := false;
0042 END_IF;
0043
0044
```

Symbol	Address	Type	Comment
"Logic DB".BufferControl.Job[""Expression_430"].Job_ID	%DB3.DBW42	Int	
"Logic DB".BufferControl.Job[""Expression_430"].Process	P#DB3.DBX42.0	DTL	

Symbol	Address	Type	Comment
"Logic DB".BufferControl.Job[""Expression_430"].RFID	%DB3.DBW42	Int	
"Logic DB".TimeParameters.CurrentTime	P#DB3.DBX0.0	DTL	
"Logic DB".TimeParameters.ResetTime	P#DB3.DBX24.0	DTL	
"RFIDData".RFID.Input.read_values	P#DB1.DBX2.0	Array	
#c		Int	
#clear_buffer		Bool	
#command_end_flag		Bool	
#d		Int	
#error_tag_already_present		Bool	
#i		Int	
#M_command_end_flag		Bool	
#reset_tag_present_error		Bool	
#RFID_command_end		Bool	
#start_logging		Bool	

Task1 / PLC_1 [CPU 1212C AC/DC/Rly] / Program blocks / RFID

BufferData_DB [DB5]

BufferData_DB Properties							
General							
Name	BufferData_DB	**Number**	5	**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	Visible in HMI	Setpoint	Comment
▼ Input							
start_logging	Bool	false	False	False	False	False	
tag_present	Bool	false	False	False	False	False	
clear_buffer	Bool	false	False	True	True	False	
RFID_command_end	Bool	false	False	True	True	False	
reset_tag_present_error	Bool	false	False	True	True	False	
Output							
▼ InOut							
error_tag_already_present	Bool	false	False	True	True	False	
▼ Static							
i	Int	0	False	False	False	False	
j	Int	0	False	True	True	False	
a	Int	0	False	True	True	False	job loop
b	Int	0	False	True	True	False	timestamp_loop
c	Int	0	False	True	True	False	
d	Int	0	False	True	True	False	
command_end_flag	Bool	false	False	False	False	False	
M_command_end_flag	Bool	false	False	False	False	False	

Task1 / PLC_1 [CPU 1212C AC/DC/Rly] / Program blocks / RFID

WriteValues [FC2]

WriteValues Properties							
General							
Name	WriteValues	**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			
Output			
InOut			
Temp			
Constant			
▼ Return			
WriteValues	Void		

```
0001 //Writing values to RFID
0002 "q_command_value" := "RFIDData".RFID.Output.command_value;
0003 "q_start_r/w" := "RFIDData".RFID.Output."Start_r/w";
0004 "q_antenna_deactivate" := "RFIDData".RFID.Output.Deactivate_antenna;
0005 "q_write_value_0" := "RFIDData".RFID.Output.write_values[0];
0006 "q_write_value_1" := "RFIDData".RFID.Output.write_values[1];
0007 "q_write_value_2" := "RFIDData".RFID.Output.write_values[2];
0008 "q_write_value_3" := "RFIDData".RFID.Output.write_values[3];
```

Symbol	Address	Type	Comment
"q_antenna_deactivate"	%Q85.3	Bool	
"q_command_value"	%QB84	Byte	
"q_start_r/w"	%Q85.0	Bool	
"q_write_value_0"	%QW86	Int	
"q_write_value_1"	%QW88	Int	
"q_write_value_2"	%QW90	Int	
"q_write_value_3"	%QW92	Int	
"RFIDData".RFID.Output."Start_r/w"	%DB1.DBX10.0	Bool	
"RFIDData".RFID.Output.command_value	%DB1.DBB11	Byte	0= read UID, 1=Auto-read, 2=Auto-write, 3=read, 4=write
"RFIDData".RFID.Output.Deactivate_antenna	%DB1.DBX10.1	Bool	
"RFIDData".RFID.Output.write_values	P#DB1.DBX12.0	Array	

Task1 / PLC_1 [CPU 1212C AC/DC/Rly] / Program blocks / System blocks

Program resources

This folder is empty.

Task1 / PLC_1 [CPU 1212C AC/DC/Rly]

Technology objects

This folder is empty.

Task1 / PLC_1 [CPU 1212C AC/DC/Rly] / PLC tags / Default tag table [55]

PLC tags

PLC tags							
	Name	Data type	Address	Retain	Visible in HMI	Accessible from HMI	Comment
	Tag_1	Bool	%Q0.0	False	True	True	
	Tag_2	Bool	%M0.0	False	True	True	
	System_Byte	Byte	%MB1	False	True	True	
	FirstScan	Bool	%M1.0	False	True	True	
	DiagStatusUpdate	Bool	%M1.1	False	True	True	
	AlwaysTRUE	Bool	%M1.2	False	True	True	
	AlwaysFALSE	Bool	%M1.3	False	True	True	
	Clock_Byte	Byte	%MB0	False	True	True	
	Clock_5Hz	Bool	%M0.1	False	True	True	
	Clock_2.5Hz	Bool	%M0.2	False	True	True	
	Clock_2Hz	Bool	%M0.3	False	True	True	
	Clock_1.25Hz	Bool	%M0.4	False	True	True	
	Clock_1Hz	Bool	%M0.5	False	True	True	
	Clock_0.625Hz	Bool	%M0.6	False	True	True	
	Clock_0.5Hz	Bool	%M0.7	False	True	True	
	Tag_3	Bool	%M10.0	False	True	True	

Task1 / PLC_1 [CPU 1212C AC/DC/Rly] / PLC tags / Default tag table [55]

User constants

User constants				
	Name	Data type	Value	Comment

Task1 / PLC_1 [CPU 1212C AC/DC/Rly] / PLC tags / RFID [16]

PLC tags

PLC tags							
	Name	Data type	Address	Retain	Visible in HMI	Accessible from HMI	Comment
	i_command_value	Byte	%IB90	False	True	True	
	i_command_ack	Bool	%I91.0	False	True	True	
	i_command_end	Bool	%I91.1	False	True	True	
	i_tag_present	Bool	%I91.2	False	True	True	
	i_antenna_deactivated	Bool	%I91.3	False	True	True	
	i_read_value_0	Int	%IW92	False	True	True	
	i_read_value_1	Int	%IW94	False	True	True	
	i_read_value_2	Int	%IW96	False	True	True	
	i_read_value_3	Int	%IW98	False	True	True	
	q_command_value	Byte	%QB84	False	True	True	
	q_start_r/w	Bool	%Q85.0	False	True	True	
	q_antenna_deactivate	Bool	%Q85.3	False	True	True	
	q_write_value_0	Int	%QW86	False	True	True	
	q_write_value_1	Int	%QW88	False	True	True	
	q_write_value_2	Int	%QW90	False	True	True	
	q_write_value_3	Int	%QW92	False	True	True	

Task1 / PLC_1 [CPU 1212C AC/DC/Rly] / PLC tags / RFID [16]

User constants

User constants				
	Name	Data type	Value	Comment

Task1 / PLC_1 [CPU 1212C AC/DC/Rly] / PLC data types

RFID_IOLink

RFID_IOLink Properties							
General							
Name	RFID_IOLink	**Number**	1	**Type**	UDT	**Language**	
Numbering							
Information							
Title		**Author**		**Comment**		**Family**	
Version		**User-defined ID**					

Name	Data type	Default value	Accessible from HMI	Visible in HMI	Setpoint	Comment
▼ Input	Struct		True	True	False	
command_ack	Bool	false	True	True	False	
command_end	Bool	false	True	True	False	
tag_present	Bool	false	True	True	False	
Antenna_deactivated	Bool	false	True	True	False	
command_value	Byte	16#0	True	True	False	
▼ read_values	Array[0..3] of Int		True	True	False	
read_values[0]	Int	0	True	True	False	
read_values[1]	Int	0	True	True	False	
read_values[2]	Int	0	True	True	False	
read_values[3]	Int	0	True	True	False	
▼ Output	Struct		True	True	False	
Start_r/w	Bool	false	True	True	False	
Deactivate_antenna	Bool	false	True	True	False	
command_value	Byte	16#0	True	True	False	0= read UID, 1=Auto-read, 2=Auto-write, 3=read, 4=write
▼ write_values	Array[0..3] of Int		True	True	False	
write_values[0]	Int	0	True	True	False	
write_values[1]	Int	0	True	True	False	
write_values[2]	Int	0	True	True	False	
write_values[3]	Int	0	True	True	False	

Task1 / PLC_1 [CPU 1212C AC/DC/Rly] / Watch and force tables

Force table

Name	Address	Display format	Force value	Comment

Task1 / 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		

Task1 / PLC_1 [CPU 1212C AC/DC/Rly] / Traces

Measurements

This folder is empty.

Task1 / PLC_1 [CPU 1212C AC/DC/Rly]

Text lists

This folder is empty.

Task1 / PLC_1 [CPU 1212C AC/DC/Rly]

Local modules

This folder is empty.

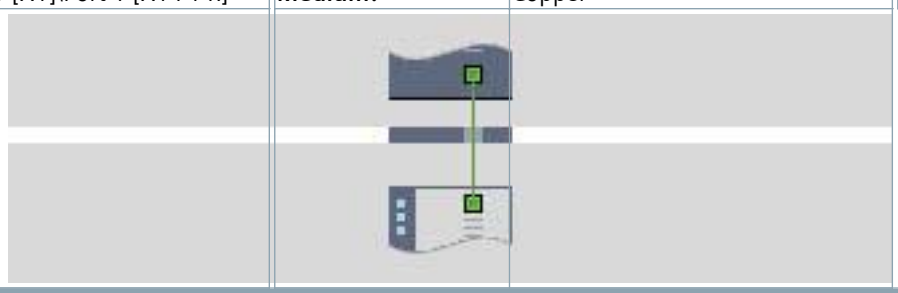
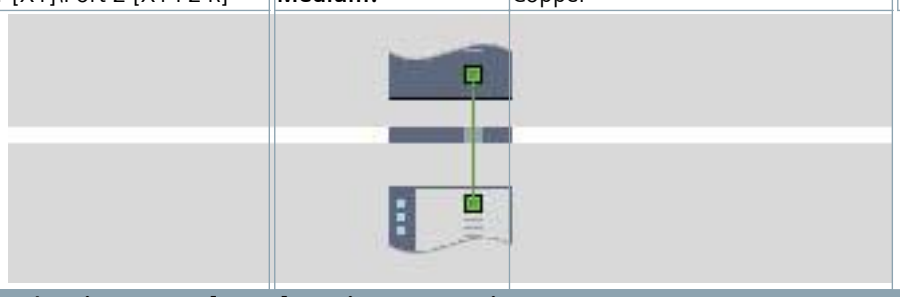
Task1 / PLC_1 [CPU 1212C AC/DC/Rly] / Distributed I/O

PROFINET IO-System (100): PN/IE_1

PROFINET IO-System					
General					
Name:	PROFINET IO-System	**Number:**	100	**Use name as extension for the PROFINET device name.**	False

Task1 / PLC_1 [CPU 1212C AC/DC/Rly] / Distributed I/O / PROFINET IO-System (100): PN/IE_1

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					
Use IP protocol	True	**IP address:**	192.168.1.102		
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**	al1100
Converted name:	al1100	**Device number:**	1		
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					
Automatic	True	**Update time**	2.000ms	**Can be set**	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 1 [X1 P1]\Hardware identifier\Hardware identifier					
Hardware identifier	274				
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
PROFINET interface [X1]\Advanced options\Port 2 [X1 P2]\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]\Hardware identifier\Hardware identifier					
Hardware identifier	275				

PROFINET interface [X1]\Hardware identifier\Hardware identifier					
Hardware identifier	273				
Identification & Maintenance					
Plant designation		**Location identifier**		**Installation date**	2019-02-14 19:48:02.330
Additional information					
Hardware identifier\Hardware identifier					
Hardware identifier	276				

Task1 / PLC_1 [CPU 1212C AC/DC/Rly] / Distributed I/O / PROFINET IO-System (100): PN/IE_1 / 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
Hardware identifier\Hardware identifier					
Hardware identifier	278				

Task1 / PLC_1 [CPU 1212C AC/DC/Rly] / Distributed I/O / PROFINET IO-System (100): PN/IE_1 / AL1100

IO-Link In/Out 8/ 8 Byte + PQI

IO-Link In/Out 8/ 8 Byte + PQI					
General					
Name	IO-Link In/Out 8/ 8 Byte + PQI	**Author**	RV	**Comment**	
General\Catalog information					
Short designation	IO-Link In/Out 8/ 8 Byte + PQI	**Description**	IO-Link In/Out 8/ 8 Byte + PQI	**Article number**	
Firmware version		**HwVersion**		**GSD file**	gsdml-v2.32-ifm-al1100-20170329.xml
Inputs					
Hardware interrupt:	Deactivated				
Module parameters\Fail Safe parameter					
Fail Safe Mode	No Fail Safe	**Pattern Value**	00,00,00,00,00,00,00,00		
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		
I/O addresses\Input addresses					
Start address	68	**End address**	76	**Organization block**	0
Process image	0				
I/O addresses\Output addresses					
Start address	64	**End address**	71	**Organization block**	0
Process image	0				
Hardware identifier\Hardware identifier					
Hardware identifier	280				

Task1 / PLC_1 [CPU 1212C AC/DC/Rly] / Distributed I/O / PROFINET IO-System (100): PN/IE_1 / AL1100

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

IO-Link In/Out 32/32 Byte + PQI					
General					
Name	IO-Link In/Out 32/32 Byte + PQI	**Author**	RV	**Comment**	
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
Inputs					
Hardware interrupt:	Deactivated				
Module parameters\Fail Safe parameter					
Fail Safe Mode	No Fail Safe	**Pattern Value**	00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00		
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		
I/O addresses\Input addresses					
Start address	90	**End address**	122	**Organization block**	0
Process image	0				
I/O addresses\Output addresses					
Start address	84	**End address**	115	**Organization block**	0
Process image	0				
Hardware identifier\Hardware identifier					
Hardware identifier	279				

Task1

HMI_2 [KTP400 Basic PN]

HMI_2	
General	
Name	HMI_2

Task1 / HMI_2 [KTP400 Basic PN]

Runtime settings

General

Start screen	Read and write	**Default template**		**Default style of the project**	Checked
Style of the HMI device	WinCC Dark V 1.0.1	**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
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 (USA)

English (USA)

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

Tag settings

Replace the separator 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	**Connection PLC tag name**	HMI_Connection_1
PLC name as prefix in the HMI tag name	Unchecked				

Task1 / HMI_2 [KTP400 Basic PN] / Screens

Log

Hardcopy of Log

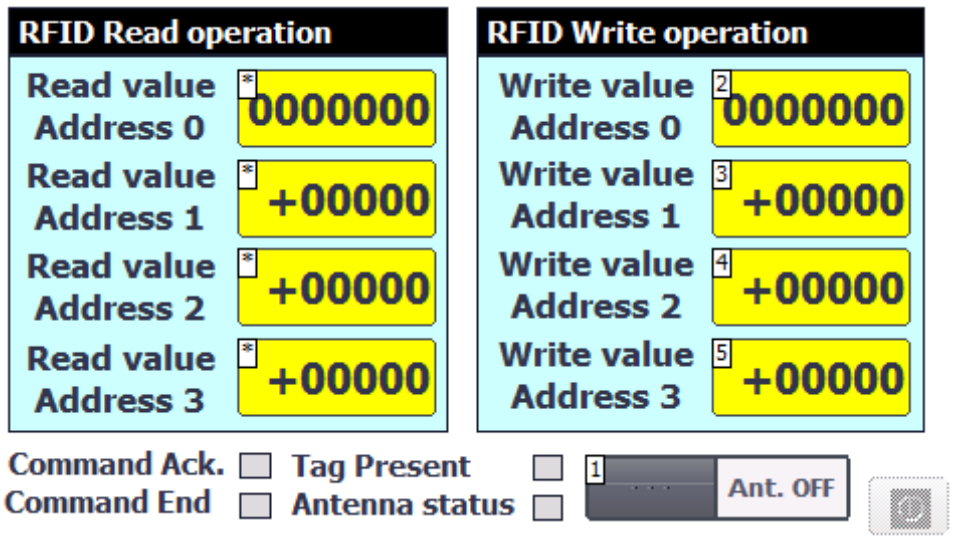
General					
Name	Log	**Background color**	181, 182, 181	**Grid color**	0, 0, 0
Number	1	**Template**		**Tooltip**	
Layers					
Active layer	0				

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

Task1 / HMI_2 [KTP400 Basic PN] / Screens

Read and write

Hardcopy of Read and write



General					
Name	Read and write	**Background color**	255, 255, 255	**Grid color**	0, 0, 0
Number	3	**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	RFID Read operation				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Border background color**	99, 101, 115
Border color	66, 73, 82	**Border width**	0	**Line style**	Double line
Foreground color	255, 255, 255	**Corner radius (border)**	3		
Layout					
Bottom margin	2	**Fit to size**	Checked	**Height**	22
X position	13	**Left margin**	3	**Right margin**	2
Y position	9	**Top margin**	2	**Width**	161
Text format					
Font	Tahoma, 15px, style=Bold	**Horizontal alignment**	Left	**Orientation**	Horizontal
Vertical alignment	Middle				
Flashing					
Flashing	None				
Styles/Designs					
Use style/design	Unchecked				
Miscellaneous					
Layer	0 - Layer_0	**Name**	Text field_1		
Dynamizations\Appearance					
Tag - Cycle	i_command_value -	**Data type**	Range	**Range**	1..1

Foreground color	0, 255, 0	**Background color**	255, 255, 255	**Flashing**	No

Text field_2

Type	Text field				
General					
Text	Read value Address 0				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Border background color**	99, 101, 115
Border color	66, 73, 82	**Border width**	0	**Line style**	Double line
Foreground color	49, 52, 74	**Corner radius (border)**	3		
Layout					
Bottom margin	2	**Fit to size**	Checked	**Height**	46
X position	17	**Left margin**	3	**Right margin**	2
Y position	34	**Top margin**	2	**Width**	99
Text format					
Font	Tahoma, 17px, style=Bold	**Horizontal alignment**	Centered	**Orientation**	Horizontal
Vertical alignment	Middle				
Flashing					
Flashing	None				
Styles/Designs					
Use style/design	Unchecked				
Miscellaneous					
Layer	0 - Layer_0	**Name**	Text field_2		

I/O field_1

Type	I/O field				
General					
Display format	Decimal	**Field length**	10	**Format pattern**	9999999
Mode	Output	**Process value**		**Shift decimal point**	0
Show leading zeros	Unchecked				
Appearance					
Background color	255, 255, 0	**Background fill pattern**	Solid	**Border background color**	99, 101, 115
Border color	66, 73, 82	**Border width**	1	**Line style**	Double line
Foreground color	49, 52, 74	**Unit**		**Corner radius**	3
Characteristics					
Hidden input	Unchecked				
Layout					
Bottom margin	2	**Fit to size**	Unchecked	**Height**	39
X position	125	**Left margin**	3	**Right margin**	2
Y position	39	**Top margin**	2	**Width**	99
Text format					
Font	Tahoma, 21px, style=Bold	**Horizontal alignment**	Right	**Orientation**	Horizontal
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				
Miscellaneous					
Tooltip		**Layer**	0 - Layer_0	**Name**	I/O field_1
Security					
Authorization		**Allow operator control**	Checked		
Dynamizations\Tag connection					
Property name	Process value	**Tag**	i_read_value_0		

I/O field_2

Type	I/O field				
General					
Display format	Decimal	**Field length**	5	**Format pattern**	s99999
Mode	Output	**Process value**		**Shift decimal point**	0
Show leading zeros	Unchecked				
Appearance					
Background color	255, 255, 0	**Background fill pattern**	Solid	**Border background color**	99, 101, 115
Border color	66, 73, 82	**Border width**	1	**Line style**	Double line
Foreground color	49, 52, 74	**Unit**		**Corner radius**	3
Characteristics					
Hidden input	Unchecked				
Layout					
Bottom margin	2	**Fit to size**	Unchecked	**Height**	39
X position	125	**Left margin**	3	**Right margin**	2
Y position	84	**Top margin**	2	**Width**	99
Text format					
Font	Tahoma, 21px, style=Bold	**Horizontal alignment**	Right	**Orientation**	Horizontal
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				

Miscellaneous					
Tooltip		**Layer**	0 - Layer_0	**Name**	I/O field_2
Security					
Authorization		**Allow operator control**	Checked		
Dynamizations\Tag connection					
Property name	Process value	**Tag**	i_read_value_1		

I/O field_3

Type	I/O field				
General					
Display format	Decimal	**Field length**	5	**Format pattern**	s99999
Mode	Output	**Process value**		**Shift decimal point**	0
Show leading zeros	Unchecked				
Appearance					
Background color	255, 255, 0	**Background fill pattern**	Solid	**Border background color**	99, 101, 115
Border color	66, 73, 82	**Border width**	1	**Line style**	Double line
Foreground color	49, 52, 74	**Unit**		**Corner radius**	3
Characteristics					
Hidden input	Unchecked				
Layout					
Bottom margin	2	**Fit to size**	Unchecked	**Height**	39
X position	125	**Left margin**	3	**Right margin**	2
Y position	128	**Top margin**	2	**Width**	99
Text format					
Font	Tahoma, 21px, style=Bold	**Horizontal alignment**	Right	**Orientation**	Horizontal
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				
Miscellaneous					
Tooltip		**Layer**	0 - Layer_0	**Name**	I/O field_3
Security					
Authorization		**Allow operator control**	Checked		
Dynamizations\Tag connection					
Property name	Process value	**Tag**	i_read_value_2		

I/O field_4

Type	I/O field				
General					
Display format	Decimal	**Field length**	5	**Format pattern**	s99999
Mode	Output	**Process value**		**Shift decimal point**	0
Show leading zeros	Unchecked				
Appearance					
Background color	255, 255, 0	**Background fill pattern**	Solid	**Border background color**	99, 101, 115
Border color	66, 73, 82	**Border width**	1	**Line style**	Double line
Foreground color	49, 52, 74	**Unit**		**Corner radius**	3
Characteristics					
Hidden input	Unchecked				
Layout					
Bottom margin	2	**Fit to size**	Unchecked	**Height**	39
X position	125	**Left margin**	3	**Right margin**	2
Y position	173	**Top margin**	2	**Width**	99
Text format					
Font	Tahoma, 21px, style=Bold	**Horizontal alignment**	Right	**Orientation**	Horizontal
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				
Miscellaneous					
Tooltip		**Layer**	0 - Layer_0	**Name**	I/O field_4
Security					
Authorization		**Allow operator control**	Checked		
Dynamizations\Tag connection					
Property name	Process value	**Tag**	i_read_value_3		

Text field_7

Type	Text field				
General					
Text	Command Ack.				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Border background color**	99, 101, 115
Border color	66, 73, 82	**Border width**	0	**Line style**	Double line
Foreground color	49, 52, 74	**Corner radius (border)**	3		
Layout					
Bottom margin	2	**Fit to size**	Checked	**Height**	22

X position	8	**Left margin**	3	**Right margin**	2
Y position	224	**Top margin**	2	**Width**	113
Text format					
Font	Tahoma, 15px, style=Bold	**Horizontal alignment**	Centered	**Orientation**	Horizontal
Vertical alignment	Middle				
Flashing					
Flashing	None				
Styles/Designs					
Use style/design	Unchecked				
Miscellaneous					
Layer	0 - Layer_0	**Name**	Text field_7		

Text field_8

Type	Text field				
General					
Text	Command End				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Border background color**	99, 101, 115
Border color	66, 73, 82	**Border width**	0	**Line style**	Double line
Foreground color	49, 52, 74	**Corner radius (border)**	3		
Layout					
Bottom margin	2	**Fit to size**	Checked	**Height**	22
X position	6	**Left margin**	3	**Right margin**	2
Y position	243	**Top margin**	2	**Width**	108
Text format					
Font	Tahoma, 15px, style=Bold	**Horizontal alignment**	Centered	**Orientation**	Horizontal
Vertical alignment	Middle				
Flashing					
Flashing	None				
Styles/Designs					
Use style/design	Unchecked				
Miscellaneous					
Layer	0 - Layer_0	**Name**	Text field_8		

Text field_9

Type	Text field				
General					
Text	Tag Present				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Border background color**	99, 101, 115
Border color	66, 73, 82	**Border width**	0	**Line style**	Double line
Foreground color	49, 52, 74	**Corner radius (border)**	3		
Layout					
Bottom margin	2	**Fit to size**	Checked	**Height**	22
X position	149	**Left margin**	3	**Right margin**	2
Y position	225	**Top margin**	2	**Width**	94
Text format					
Font	Tahoma, 15px, style=Bold	**Horizontal alignment**	Centered	**Orientation**	Horizontal
Vertical alignment	Middle				
Flashing					
Flashing	None				
Styles/Designs					
Use style/design	Unchecked				
Miscellaneous					
Layer	0 - Layer_0	**Name**	Text field_9		

Text field_10

Type	Text field				
General					
Text	Antenna status				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Border background color**	99, 101, 115
Border color	66, 73, 82	**Border width**	0	**Line style**	Double line
Foreground color	49, 52, 74	**Corner radius (border)**	3		
Layout					
Bottom margin	2	**Fit to size**	Checked	**Height**	22
X position	149	**Left margin**	3	**Right margin**	2
Y position	244	**Top margin**	2	**Width**	116
Text format					
Font	Tahoma, 15px, style=Bold	**Horizontal alignment**	Centered	**Orientation**	Horizontal
Vertical alignment	Middle				
Flashing					
Flashing	None				
Styles/Designs					
Use style/design	Unchecked				
Miscellaneous					
Layer	0 - Layer_0	**Name**	Text field_10		

Rectangle_1

Type	Rectangle				
Appearance					
Background color	222, 219, 222	**Background fill pattern**	Solid	**Border color**	24, 28, 49
Border width	1	**Line style**	Solid		
Layout					
Height	13	**X position**	126	**Round corner height**	0
Round corner width	0	**Y position**	230	**Width**	16
Styles/Designs					
Use style/design	Unchecked				
Miscellaneous					
Layer	0 - Layer_0	**Name**	Rectangle_1		
Dynamizations\Appearance					
Tag - Cycle	i_command_ack -	**Data type**	Range	**Range**	0..0
Foreground color	24, 28, 49	**Background color**	217, 217, 217	**Flashing**	No
Range	1..1	**Foreground color**	24, 28, 49	**Background color**	0, 255, 0
Flashing	No				

Rectangle_2

Type	Rectangle				
Appearance					
Background color	222, 219, 222	**Background fill pattern**	Solid	**Border color**	24, 28, 49
Border width	1	**Line style**	Solid		
Layout					
Height	13	**X position**	126	**Round corner height**	0
Round corner width	0	**Y position**	250	**Width**	16
Styles/Designs					
Use style/design	Unchecked				
Miscellaneous					
Layer	0 - Layer_0	**Name**	Rectangle_2		
Dynamizations\Appearance					
Tag - Cycle	i_command_end -	**Data type**	Range	**Range**	0..0
Foreground color	24, 28, 49	**Background color**	217, 217, 217	**Flashing**	No
Range	1..1	**Foreground color**	24, 28, 49	**Background color**	0, 255, 0
Flashing	No				

Rectangle_3

Type	Rectangle				
Appearance					
Background color	222, 219, 222	**Background fill pattern**	Solid	**Border color**	24, 28, 49
Border width	1	**Line style**	Solid		
Layout					
Height	13	**X position**	272	**Round corner height**	0
Round corner width	0	**Y position**	231	**Width**	15
Styles/Designs					
Use style/design	Unchecked				
Miscellaneous					
Layer	0 - Layer_0	**Name**	Rectangle_3		
Dynamizations\Appearance					
Tag - Cycle	i_tag_present -	**Data type**	Range	**Range**	0..0
Foreground color	24, 28, 49	**Background color**	217, 217, 217	**Flashing**	No
Range	1..1	**Foreground color**	24, 28, 49	**Background color**	0, 255, 0
Flashing	No				

Rectangle_4

Type	Rectangle				
Appearance					
Background color	222, 219, 222	**Background fill pattern**	Solid	**Border color**	24, 28, 49
Border width	1	**Line style**	Solid		
Layout					
Height	13	**X position**	272	**Round corner height**	0
Round corner width	0	**Y position**	251	**Width**	15
Styles/Designs					
Use style/design	Unchecked				
Miscellaneous					
Layer	0 - Layer_0	**Name**	Rectangle_4		
Dynamizations\Appearance					
Tag - Cycle	i_antenna_deactivated -	**Data type**	Range	**Range**	0..0
Foreground color	24, 28, 49	**Background color**	222, 219, 222	**Flashing**	No
Range	1..1	**Foreground color**	24, 28, 49	**Background color**	255, 0, 0
Flashing	No				

Rectangle_6

Type	Rectangle				
Appearance					
Background color	206, 255, 255	**Background fill pattern**	Solid	**Border color**	24, 28, 49
Border width	1	**Line style**	Solid		
Layout					
Height	188	**X position**	11	**Round corner height**	0
Round corner width	0	**Y position**	32	**Width**	219

Styles/Designs					
Use style/design	Unchecked				
Miscellaneous					
Layer	0 - Layer_0	**Name**	Rectangle_6		

Rectangle_7

Type	Rectangle				
Appearance					
Background color	0, 0, 0	**Background fill pattern**	Solid	**Border color**	24, 28, 49
Border width	1	**Line style**	Solid		
Layout					
Height	24	**X position**	11	**Round corner height**	0
Round corner width	0	**Y position**	8	**Width**	219
Styles/Designs					
Use style/design	Unchecked				
Miscellaneous					
Layer	0 - Layer_0	**Name**	Rectangle_7		

Text field_3

Type	Text field				
General					
Text	Read value Address 1				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Border background color**	99, 101, 115
Border color	66, 73, 82	**Border width**	0	**Line style**	Double line
Foreground color	49, 52, 74	**Corner radius (border)**	3		
Layout					
Bottom margin	2	**Fit to size**	Checked	**Height**	46
X position	17	**Left margin**	3	**Right margin**	2
Y position	79	**Top margin**	2	**Width**	99
Text format					
Font	Tahoma, 17px, style=Bold	**Horizontal alignment**	Centered	**Orientation**	Horizontal
Vertical alignment	Middle				
Flashing					
Flashing	None				
Styles/Designs					
Use style/design	Unchecked				
Miscellaneous					
Layer	0 - Layer_0	**Name**	Text field_3		

Text field_4

Type	Text field				
General					
Text	Read value Address 2				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Border background color**	99, 101, 115
Border color	66, 73, 82	**Border width**	0	**Line style**	Double line
Foreground color	49, 52, 74	**Corner radius (border)**	3		
Layout					
Bottom margin	2	**Fit to size**	Checked	**Height**	46
X position	17	**Left margin**	3	**Right margin**	2
Y position	124	**Top margin**	2	**Width**	99
Text format					
Font	Tahoma, 17px, style=Bold	**Horizontal alignment**	Centered	**Orientation**	Horizontal
Vertical alignment	Middle				
Flashing					
Flashing	None				
Styles/Designs					
Use style/design	Unchecked				
Miscellaneous					
Layer	0 - Layer_0	**Name**	Text field_4		

Text field_5

Type	Text field				
General					
Text	Read value Address 3				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Border background color**	99, 101, 115
Border color	66, 73, 82	**Border width**	0	**Line style**	Double line
Foreground color	49, 52, 74	**Corner radius (border)**	3		
Layout					
Bottom margin	2	**Fit to size**	Checked	**Height**	46
X position	17	**Left margin**	3	**Right margin**	2
Y position	170	**Top margin**	2	**Width**	99

Text format					
Font	Tahoma, 17px, style=Bold	**Horizontal alignment**	Centered	**Orientation**	Horizontal
Vertical alignment	Middle				
Flashing					
Flashing	None				
Styles/Designs					
Use style/design	Unchecked				
Miscellaneous					
Layer	0 - Layer_0	**Name**	Text field_5		

Switch_1

Type	Switch				
General					
Mode	Switch	**Value status ON**	1	**Process value**	
Graphic OFF		**Graphic ON**		**Text OFF**	Ant. OFF
Text ON	Ant. ON				
Appearance					
Background color	99, 101, 115	**Background color (button border)**	107, 105, 107	**Foreground color**	90, 89, 107
Inner background color OFF	247, 243, 247	**Inner background color ON**	247, 243, 247	**Background fill pattern**	Vertical gradient
Corner radius	3				
Fill pattern					
Background color gradient (button fill pattern)	99, 101, 115	**Gradient 1 (button fill pattern)**	Checked	**Gradient 2 (button fill pattern)**	Checked
Color gradient 1 (button fill pattern)	132, 134, 140	**Color gradient 2 (button fill pattern)**	90, 89, 99	**Offset gradient 1 (button fill pattern)**	15
Offset gradient 2 (button fill pattern)	15				
Design					
Focus color	148, 182, 231	**Focus width**	2		
Layout					
Fit to size	Unchecked	**Height**	33	**X position**	298
Switch orientation	Left to right	**Y position**	231	**Width**	132
Margin left graphic (layout)	0	**Margin top graphic (layout)**	0	**Margin right graphic (layout)**	0
Margin bottom graphic (layout)	0	**Margin left text (layout)**	0	**Margin top text (layout)**	0
Margin right text (layout)	0	**Margin bottom text (layout)**	0	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Fit to size**	Stretch screen		
Text format					
Font	Tahoma, 13px, style=Bold	**Horizontal alignment of the text**	Centered	**Vertical alignment of the text**	Middle
Limits					
Color for High limit violated	239, 97, 99	**Color for Low limit violated**	255, 219, 41		
Styles/Designs					
Use style/design	Unchecked				
Miscellaneous					
Tooltip		**Layer**	0 - Layer_0	**Name**	Switch_1
Alignment	Horizontal				
Security					
Authorization		**Allow operator control**	Checked		
Dynamizations\Tag connection					
Property name	Process value	**Tag**	q_deactivate_antenna		

Rectangle_5

Type	Rectangle				
Appearance					
Background color	0, 0, 0	**Background fill pattern**	Solid	**Border color**	24, 28, 49
Border width	1	**Line style**	Solid		
Layout					
Height	24	**X position**	244	**Round corner height**	0
Round corner width	0	**Y position**	8	**Width**	223
Styles/Designs					
Use style/design	Unchecked				
Miscellaneous					
Layer	0 - Layer_0	**Name**	Rectangle_5		

Rectangle_8

Type	Rectangle				
Appearance					
Background color	206, 255, 255	**Background fill pattern**	Solid	**Border color**	24, 28, 49
Border width	1	**Line style**	Solid		
Layout					
Height	188	**X position**	244	**Round corner height**	0
Round corner width	0	**Y position**	32	**Width**	223
Styles/Designs					
Use style/design	Unchecked				
Miscellaneous					
Layer	0 - Layer_0	**Name**	Rectangle_8		

Text field_6

Type	Text field				
General					
Text	RFID Write operation				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Border background color**	99, 101, 115
Border color	66, 73, 82	**Border width**	0	**Line style**	Double line
Foreground color	255, 255, 255	**Corner radius (border)**	3		
Layout					
Bottom margin	2	**Fit to size**	Checked	**Height**	22
X position	246	**Left margin**	3	**Right margin**	2
Y position	9	**Top margin**	2	**Width**	165
Text format					
Font	Tahoma, 15px, style=Bold	**Horizontal alignment**	Left	**Orientation**	Horizontal
Vertical alignment	Middle				
Flashing					
Flashing	None				
Styles/Designs					
Use style/design	Unchecked				
Miscellaneous					
Layer	0 - Layer_0	**Name**	Text field_6		
Dynamizations\Appearance					
Tag - Cycle	i_command_value -	**Data type**	Range	**Range**	2..2
Foreground color	0, 255, 0	**Background color**	255, 255, 255	**Flashing**	No

Text field_11

Type	Text field				
General					
Text	Write value Address 0				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Border background color**	99, 101, 115
Border color	66, 73, 82	**Border width**	0	**Line style**	Double line
Foreground color	49, 52, 74	**Corner radius (border)**	3		
Layout					
Bottom margin	2	**Fit to size**	Checked	**Height**	46
X position	252	**Left margin**	3	**Right margin**	2
Y position	34	**Top margin**	2	**Width**	102
Text format					
Font	Tahoma, 17px, style=Bold	**Horizontal alignment**	Centered	**Orientation**	Horizontal
Vertical alignment	Middle				
Flashing					
Flashing	None				
Styles/Designs					
Use style/design	Unchecked				
Miscellaneous					
Layer	0 - Layer_0	**Name**	Text field_11		

I/O field_5

Type	I/O field				
General					
Display format	Decimal	**Field length**	10	**Format pattern**	9999999
Mode	Input/output	**Process value**		**Shift decimal point**	0
Show leading zeros	Unchecked				
Appearance					
Background color	255, 255, 0	**Background fill pattern**	Solid	**Border background color**	99, 101, 115
Border color	66, 73, 82	**Border width**	1	**Line style**	Double line
Foreground color	49, 52, 74	**Unit**		**Corner radius**	3
Characteristics					
Hidden input	Unchecked				
Layout					
Bottom margin	2	**Fit to size**	Unchecked	**Height**	39
X position	361	**Left margin**	3	**Right margin**	2
Y position	39	**Top margin**	2	**Width**	99
Text format					
Font	Tahoma, 21px, style=Bold	**Horizontal alignment**	Right	**Orientation**	Horizontal
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				
Miscellaneous					
Tooltip		**Layer**	0 - Layer_0	**Name**	I/O field_5
Security					
Authorization		**Allow operator control**	Checked		
Dynamizations\Tag connection					
Property name	Process value	**Tag**	q_write_values_0		

I/O field_6

Type	I/O field				
General					
Display format	Decimal	**Field length**	5	**Format pattern**	s99999
Mode	Input/output	**Process value**		**Shift decimal point**	0
Show leading zeros	Unchecked				
Appearance					
Background color	255, 255, 0	**Background fill pattern**	Solid	**Border background color**	99, 101, 115
Border color	66, 73, 82	**Border width**	1	**Line style**	Double line
Foreground color	49, 52, 74	**Unit**		**Corner radius**	3
Characteristics					
Hidden input	Unchecked				
Layout					
Bottom margin	2	**Fit to size**	Unchecked	**Height**	39
X position	361	**Left margin**	3	**Right margin**	2
Y position	84	**Top margin**	2	**Width**	99
Text format					
Font	Tahoma, 21px, style=Bold	**Horizontal alignment**	Right	**Orientation**	Horizontal
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				
Miscellaneous					
Tooltip		**Layer**	0 - Layer_0	**Name**	I/O field_6
Security					
Authorization		**Allow operator control**	Checked		
Dynamizations\Tag connection					
Property name	Process value	**Tag**	q_write_values_1		

I/O field_7

Type	I/O field				
General					
Display format	Decimal	**Field length**	5	**Format pattern**	s99999
Mode	Input/output	**Process value**		**Shift decimal point**	0
Show leading zeros	Unchecked				
Appearance					
Background color	255, 255, 0	**Background fill pattern**	Solid	**Border background color**	99, 101, 115
Border color	66, 73, 82	**Border width**	1	**Line style**	Double line
Foreground color	49, 52, 74	**Unit**		**Corner radius**	3
Characteristics					
Hidden input	Unchecked				
Layout					
Bottom margin	2	**Fit to size**	Unchecked	**Height**	39
X position	361	**Left margin**	3	**Right margin**	2
Y position	128	**Top margin**	2	**Width**	99
Text format					
Font	Tahoma, 21px, style=Bold	**Horizontal alignment**	Right	**Orientation**	Horizontal
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				
Miscellaneous					
Tooltip		**Layer**	0 - Layer_0	**Name**	I/O field_7
Security					
Authorization		**Allow operator control**	Checked		
Dynamizations\Tag connection					
Property name	Process value	**Tag**	q_write_values_2		

I/O field_8

Type	I/O field				
General					
Display format	Decimal	**Field length**	5	**Format pattern**	s99999
Mode	Input/output	**Process value**		**Shift decimal point**	0
Show leading zeros	Unchecked				
Appearance					
Background color	255, 255, 0	**Background fill pattern**	Solid	**Border background color**	99, 101, 115
Border color	66, 73, 82	**Border width**	1	**Line style**	Double line
Foreground color	49, 52, 74	**Unit**		**Corner radius**	3
Characteristics					
Hidden input	Unchecked				
Layout					
Bottom margin	2	**Fit to size**	Unchecked	**Height**	39
X position	361	**Left margin**	3	**Right margin**	2
Y position	173	**Top margin**	2	**Width**	99
Text format					
Font	Tahoma, 21px, style=Bold	**Horizontal alignment**	Right	**Orientation**	Horizontal

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				
Miscellaneous					
Tooltip		**Layer**	0 - Layer_0	**Name**	I/O field_8
Security					
Authorization		**Allow operator control**	Checked		
Dynamizations\Tag connection					
Property name	Process value	**Tag**	q_write_values_3		

Text field_12

Type	Text field				
General					
Text	Write value Address 1				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Border background color**	99, 101, 115
Border color	66, 73, 82	**Border width**	0	**Line style**	Double line
Foreground color	49, 52, 74	**Corner radius (border)**	3		
Layout					
Bottom margin	2	**Fit to size**	Checked	**Height**	46
X position	252	**Left margin**	3	**Right margin**	2
Y position	78	**Top margin**	2	**Width**	102
Text format					
Font	Tahoma, 17px, style=Bold	**Horizontal alignment**	Centered	**Orientation**	Horizontal
Vertical alignment	Middle				
Flashing					
Flashing	None				
Styles/Designs					
Use style/design	Unchecked				
Miscellaneous					
Layer	0 - Layer_0	**Name**	Text field_12		

Text field_13

Type	Text field				
General					
Text	Write value Address 2				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Border background color**	99, 101, 115
Border color	66, 73, 82	**Border width**	0	**Line style**	Double line
Foreground color	49, 52, 74	**Corner radius (border)**	3		
Layout					
Bottom margin	2	**Fit to size**	Checked	**Height**	46
X position	252	**Left margin**	3	**Right margin**	2
Y position	123	**Top margin**	2	**Width**	102
Text format					
Font	Tahoma, 17px, style=Bold	**Horizontal alignment**	Centered	**Orientation**	Horizontal
Vertical alignment	Middle				
Flashing					
Flashing	None				
Styles/Designs					
Use style/design	Unchecked				
Miscellaneous					
Layer	0 - Layer_0	**Name**	Text field_13		

Text field_14

Type	Text field				
General					
Text	Write value Address 3				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Border background color**	99, 101, 115
Border color	66, 73, 82	**Border width**	0	**Line style**	Double line
Foreground color	49, 52, 74	**Corner radius (border)**	3		
Layout					
Bottom margin	2	**Fit to size**	Checked	**Height**	46
X position	252	**Left margin**	3	**Right margin**	2
Y position	168	**Top margin**	2	**Width**	102
Text format					
Font	Tahoma, 17px, style=Bold	**Horizontal alignment**	Centered	**Orientation**	Horizontal
Vertical alignment	Middle				
Flashing					
Flashing	None				
Styles/Designs					
Use style/design	Unchecked				

Miscellaneous					
Layer	0 - Layer_0	**Name**	Text field_14		

Softkey_F1

Type	Function key				
General					
Authorization		**Global assignment**	Unchecked	**KeyCode**	220
LED tag		**Bit in the LED tag**	0	**Graphic**	

Dynamizations\Event	
Event name	Press key

Function list\SetBitInTag

Tag	q_command_value	**Bit**	0

Function list\ResetBitInTag

Tag	q_command_value	**Bit**	1

Softkey_F2

Type	Function key				
General					
Authorization		**Global assignment**	Unchecked	**KeyCode**	221
LED tag		**Bit in the LED tag**	0	**Graphic**	

Dynamizations\Event	
Event name	Press key

Function list\SetBitInTag

Tag	q_command_value	**Bit**	1

Function list\ResetBitInTag

Tag	q_command_value	**Bit**	0

Task1 / HMI_2 [KTP400 Basic PN] / Screen management / Templates

Template_1

Hardcopy of Template_1

General					
Background color	181, 182, 181	**Grid color**	0, 0, 0	**Name**	Template_1
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					
Bit number	0	**Hotkey**	None	**Mode**	Graphic
Graphic list		**Graphic OFF**	ExitRuntime_KTP400_Basic_PN_TR	**Graphic ON**	ExitRuntime_KTP400_Basic_PN_TR
Process value		**Text list**		**Text OFF**	ExitRuntime
Text ON	ExitRuntime				
Appearance					
Background color	239, 235, 239	**Background fill pattern**	Vertical gradient	**Border background color**	107, 105, 107
Border color	156, 154, 165	**Border width**	1	**Line style**	Solid
Foreground color	49, 52, 74				
Design					
Focus color	148, 182, 231	**Focus width**	2		
Layout					
Fit to size	Unchecked	**Height**	29	**X position**	439
Y position	242	**Width**	40		
Text format					
Font	Tahoma, 13px, style=Bold	**Horizontal alignment of the text**	Centered	**Orientation**	Horizontal
Vertical alignment of the text	Middle				
Styles/Designs					
Use style/design	Unchecked				

Miscellaneous					
Tooltip		**Layer**	0 - Layer_0	**Name**	Template_Button
Security					
Authorization		**Allow operator control**	Checked		

Dynamizations\Event	
Event name	Release

Function list\StopRuntime

Mode	Runtime

Task1 / HMI_2 [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

Task1 / HMI_2 [KTP400 Basic PN] / HMI tags

Default tag table [0]

This folder is empty.

Task1 / HMI_2 [KTP400 Basic PN] / HMI tags

RFID [16]

i_command_ack

General					
Name	i_command_ack	**Connection**	HMI_Connection_1	**Data type**	Bool
Array elements	0	**Length**	1	**Address**	
Access mode	<symbolic access>	**PLC tag**	RFIDData.RFID.Input.command_ack	**Coding**	Binary
PLC name	PLC_1				
Settings					
Acquisition cycle	100 ms	**Acquisition mode**	Cyclic in operation		
Limits					
Maximum		**Minimum**			
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		
Miscellaneous					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Unchecked	**Index tag**			

i_command_end

General					
Name	i_command_end	**Connection**	HMI_Connection_1	**Data type**	Bool
Array elements	0	**Length**	1	**Address**	
Access mode	<symbolic access>	**PLC tag**	RFIDData.RFID.Input.command_end	**Coding**	Binary
PLC name	PLC_1				
Settings					
Acquisition cycle	100 ms	**Acquisition mode**	Cyclic in operation		
Limits					
Maximum		**Minimum**			
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		
Miscellaneous					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Unchecked	**Index tag**			

i_tag_present

General					
Name	i_tag_present	**Connection**	HMI_Connection_1	**Data type**	Bool
Array elements	0	**Length**	1	**Address**	
Access mode	<symbolic access>	**PLC tag**	RFIDData.RFID.Input.tag_present	**Coding**	Binary
PLC name	PLC_1				
Settings					
Acquisition cycle	100 ms	**Acquisition mode**	Cyclic in operation		
Limits					
Maximum		**Minimum**			
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		
Miscellaneous					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Unchecked	**Index tag**			

i_antenna_deactivated

General					
Name	i_antenna_deactivated	**Connection**	HMI_Connection_1	**Data type**	Bool
Array elements	0	**Length**	1	**Address**	
Access mode	<symbolic access>	**PLC tag**	RFIDData.RFID.Input.Antenna_de-activated	**Coding**	Binary
PLC name	PLC_1				
Settings					
Acquisition cycle	100 ms	**Acquisition mode**	Cyclic in operation		
Limits					
Maximum		**Minimum**			
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		

Miscellaneous					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Unchecked	**Index tag**			

i_command_value

General					
Name	i_command_value	**Connection**	HMI_Connection_1	**Data type**	Byte
Array elements	0	**Length**	1	**Address**	
Access mode	<symbolic access>	**PLC tag**	RFIDData.RFID.Input.command_value	**Coding**	Binary
PLC name	PLC_1				
Settings					
Acquisition cycle	100 ms	**Acquisition mode**	Cyclic in operation		
Limits					
Maximum		**Minimum**			
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		
Miscellaneous					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Unchecked	**Index tag**			

i_read_value_0

General					
Name	i_read_value_0	**Connection**	HMI_Connection_1	**Data type**	Int
Array elements	0	**Length**	2	**Address**	
Access mode	<symbolic access>	**PLC tag**	RFIDData.RFID.Input.read_values[0]	**Coding**	Binary
PLC name	PLC_1				
Settings					
Acquisition cycle	100 ms	**Acquisition mode**	Cyclic in operation		
Limits					
Maximum		**Minimum**			
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		
Miscellaneous					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Unchecked	**Index tag**			

i_read_value_1

General					
Name	i_read_value_1	**Connection**	HMI_Connection_1	**Data type**	Int
Array elements	0	**Length**	2	**Address**	
Access mode	<symbolic access>	**PLC tag**	RFIDData.RFID.Input.read_values[1]	**Coding**	Binary
PLC name	PLC_1				
Settings					
Acquisition cycle	100 ms	**Acquisition mode**	Cyclic in operation		
Limits					
Maximum		**Minimum**			
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		
Miscellaneous					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Unchecked	**Index tag**			

i_read_value_2

General					
Name	i_read_value_2	**Connection**	HMI_Connection_1	**Data type**	Int
Array elements	0	**Length**	2	**Address**	
Access mode	<symbolic access>	**PLC tag**	RFIDData.RFID.Input.read_values[2]	**Coding**	Binary
PLC name	PLC_1				
Settings					
Acquisition cycle	100 ms	**Acquisition mode**	Cyclic in operation		
Limits					
Maximum		**Minimum**			
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		
Miscellaneous					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Unchecked	**Index tag**			

i_read_value_3

General					
Name	i_read_value_3	**Connection**	HMI_Connection_1	**Data type**	Int
Array elements	0	**Length**	2	**Address**	
Access mode	<symbolic access>	**PLC tag**	RFIDData.RFID.Input.read_values[3]	**Coding**	Binary
PLC name	PLC_1				
Settings					
Acquisition cycle	100 ms	**Acquisition mode**	Cyclic in operation		
Limits					
Maximum		**Minimum**			
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		
Miscellaneous					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Unchecked	**Index tag**			

q_startr/w

General					
Name	q_startr/w	**Connection**	HMI_Connection_1	**Data type**	Bool
Array elements	0	**Length**	1	**Address**	
Access mode	<symbolic access>	**PLC tag**	RFIDData.RFID.Output."Start_r/w"	**Coding**	Binary
PLC name	PLC_1				
Settings					
Acquisition cycle	100 ms	**Acquisition mode**	Cyclic in operation		
Limits					
Maximum		**Minimum**			
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		
Miscellaneous					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Unchecked	**Index tag**			

q_deactivate_antenna

General					
Name	q_deactivate_antenna	**Connection**	HMI_Connection_1	**Data type**	Bool
Array elements	0	**Length**	1	**Address**	
Access mode	<symbolic access>	**PLC tag**	RFIDData.RFID.Output.Deacti-vate_antenna	**Coding**	Binary
PLC name	PLC_1				
Settings					
Acquisition cycle	100 ms	**Acquisition mode**	Cyclic in operation		
Limits					
Maximum		**Minimum**			
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		
Miscellaneous					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Unchecked	**Index tag**			

q_command_value

General					
Name	q_command_value	**Connection**	HMI_Connection_1	**Data type**	Byte
Array elements	0	**Length**	1	**Address**	
Access mode	<symbolic access>	**PLC tag**	RFIDData.RFID.Output.com-mand_value	**Coding**	Binary
PLC name	PLC_1				
Settings					
Acquisition cycle	100 ms	**Acquisition mode**	Cyclic in operation		
Limits					
Maximum		**Minimum**			

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		
Miscellaneous					
ID tag		**Start value**			
Comment					
Comment		**Source comment**	0= read UID, 1=Auto-read, 2=Auto-write, 3=read, 4=write		
Multiplexing					
Multiplexing	Unchecked	**Index tag**			

q_write_values_0

General					
Name	q_write_values_0	**Connection**	HMI_Connection_1	**Data type**	Int
Array elements	0	**Length**	2	**Address**	
Access mode	<symbolic access>	**PLC tag**	RFIDData.RFID.Output.write_values[0]	**Coding**	Binary
PLC name	PLC_1				
Settings					
Acquisition cycle	100 ms	**Acquisition mode**	Cyclic in operation		
Limits					
Maximum		**Minimum**			
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		
Miscellaneous					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Unchecked	**Index tag**			

q_write_values_1

General					
Name	q_write_values_1	**Connection**	HMI_Connection_1	**Data type**	Int
Array elements	0	**Length**	2	**Address**	
Access mode	<symbolic access>	**PLC tag**	RFIDData.RFID.Output.write_values[1]	**Coding**	Binary
PLC name	PLC_1				
Settings					
Acquisition cycle	100 ms	**Acquisition mode**	Cyclic in operation		
Limits					
Maximum		**Minimum**			
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		
Miscellaneous					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Unchecked	**Index tag**			

q_write_values_2

General					
Name	q_write_values_2	**Connection**	HMI_Connection_1	**Data type**	Int
Array elements	0	**Length**	2	**Address**	
Access mode	<symbolic access>	**PLC tag**	RFIDData.RFID.Output.write_values[2]	**Coding**	Binary
PLC name	PLC_1				
Settings					
Acquisition cycle	100 ms	**Acquisition mode**	Cyclic in operation		
Limits					
Maximum		**Minimum**			
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		
Miscellaneous					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Unchecked	**Index tag**			

q_write_values_3

General					
Name	q_write_values_3	**Connection**	HMI_Connection_1	**Data type**	Int
Array elements	0	**Length**	2	**Address**	
Access mode	<symbolic access>	**PLC tag**	RFIDData.RFID.Output.write_values[3]	**Coding**	Binary
PLC name	PLC_1				

Settings					
Acquisition cycle	100 ms	**Acquisition mode**	Cyclic in operation		
Limits					
Maximum		**Minimum**			
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		
Miscellaneous					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Unchecked	**Index tag**			

Task1 / HMI_2 [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				

Task1 / HMI_2 [KTP400 Basic PN] / HMI alarms

Discrete alarms

This folder is empty.

Task1 / HMI_2 [KTP400 Basic PN] / HMI alarms

Analog alarms

This folder is empty.

Task1 / HMI_2 [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

Task1 / HMI_2 [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 acknowledgment				
State texts					
Text for "Incoming"	I	**Text for "Outgoing"**	O	**Text for "Acknowledged"**	A
Colors					
Background "Incoming/Acknowledged"	255, 255, 255	**Background "Incoming"**	255, 0, 0	**Background "Incoming/Outgoing/ Acknowledged"**	255, 255, 255
Background "Incoming/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 acknowledgment				
State texts					
Text for "Incoming"	I	**Text for "Outgoing"**	O	**Text for "Acknowledged"**	A
Colors					
Background "Incoming/Acknowledged"	255, 255, 255	**Background "Incoming"**	255, 0, 0	**Background "Incoming/Outgoing/ Acknowledged"**	255, 255, 255
Background "Incoming/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 "Acknowledged"**	A
Colors					
Background "Incoming/Acknowledged"	255, 255, 255	**Background "Incoming"**	255, 0, 0	**Background "Incoming/Outgoing/ Acknowledged"**	255, 255, 255
Background "Incoming/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 "Acknowledged"**	A
Colors					
Background "Incoming/Acknowledged"	255, 255, 255	**Background "Incoming"**	255, 255, 255	**Background "Incoming/Outgoing/ Acknowledged"**	255, 255, 255
Background "Incoming/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 "Acknowledged"**	A
Colors					
Background "Incoming/Acknowledged"	255, 255, 255	**Background "Incoming"**	255, 255, 255	**Background "Incoming/Outgoing/ Acknowledged"**	255, 255, 255

Background "Incoming/Outgoing"	255, 255, 255

Task1 / HMI_2 [KTP400 Basic PN] / HMI alarms

System events

This folder is empty.

Task1 / HMI_2 [KTP400 Basic PN]

Recipes

This folder is empty.

Task1 / HMI_2 [KTP400 Basic PN] / Historical data

Datalogs

This folder is empty.

Task1 / HMI_2 [KTP400 Basic PN] / Historical data

AlarmLogs

This folder is empty.

Task1 / HMI_2 [KTP400 Basic PN]

Scheduled tasks

This folder is empty.

Task1 / HMI_2 [KTP400 Basic PN] / Text and graphic lists

Text lists

command_value

Name	command_value	List range	Value/Range	Comment	
Value: 0					
Entry type	Single value	**Text**	Read UID		
Value: 1					
Entry type	Single value	**Text**	Auto-Read Data		
Value: 2					
Entry type	Single value	**Text**	Auto-Write Data		
Value: 3					
Entry type	Single value	**Text**	Read Data		
Value: 4					
Entry type	Single value	**Text**	Write Data		
Value: 5					
Entry type	Single value	**Text**	Write Data		

Task1 / HMI_2 [KTP400 Basic PN] / Text and graphic lists

Graphic lists

This folder is empty.

Task1 / HMI_2 [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;		

Task1 / HMI_2 [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; Operate;				

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;				

Task1 / HMI_2 [KTP400 Basic PN] / User administration

Authorizations

Monitor

General					
Name	Monitor	**Authorization**	Monitor	**Authorization number**	2
Comment					
Comment	'Monitor' authorization.				

Operate

General					
Name	Operate	**Authorization**	Operate	**Authorization number**	3
Comment					
Comment	'Operate' authorization.				

User administration

General					
Name	User administration	**Authorization**	User administration	**Authorization number**	1
Comment					
Comment	Authorization 'User administration' for managing users in the user view inrRuntime.				

Task1 / Common data

Alarm classes

Alarm classes		
Name	**Display name**	**Acknowledgment**
Acknowledgement	A	True
No Acknowledgement	NA	False

Task1 / Common data

Text lists

SYSTEM_AlarmServices_PriorityList			
Selection	Decimal	**ID**	0
Comment			

SYSTEM_AlarmServices_PriorityList		
Range from	**Range to**	**Entry**
0	0	0
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10
11	11	11
12	12	12
13	13	13
14	14	14
15	15	15
16	16	16

SYSTEM_AlarmServices_DisplayClassList			
Selection	Decimal	**ID**	0
Comment			

SYSTEM_AlarmServices_DisplayClassList		
Range from	**Range to**	**Entry**
0	0	0
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10
11	11	11
12	12	12
13	13	13
14	14	14
15	15	15
16	16	16

SYSTEM_AlarmServices_AcknowledgementGroupList			
Selection	Decimal	**ID**	0
Comment			

SYSTEM_AlarmServices_AcknowledgementGroupList		
Range from	**Range to**	**Entry**
0	0	0
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10
11	11	11
12	12	12
13	13	13
14	14	14
15	15	15
16	16	16

SYSTEM_AlarmServices_ProducerList			
Selection	Decimal	**ID**	0
Comment			

SYSTEM_AlarmServices_ProducerList		
Range from	**Range to**	**Entry**
0	0	User program
1	1	Report system errors
2	2	User program
3	3	User program
4	4	System diagnostics
5	5	Motion control
6	6	Security

Range from	Range to	Entry
7	7	SINUMERIK

SYSTEM_AlarmServices_TextNameList			
Selection	Decimal	**ID**	0
Comment			

SYSTEM_AlarmServices_TextNameList		
Range from	**Range to**	**Entry**
0	0	Info text
1	1	Alarm text
2	2	Additional text 1
3	3	Additional text 2
4	4	Additional text 3
5	5	Additional text 4
6	6	Additional text 5
7	7	Additional text 6
8	8	Additional text 7
9	9	Additional text 8
10	10	Additional text 9

Task1 / Common data

Logs

This folder is empty.

Task1 / Common data

Styles

This folder is empty.

Task1 / Languages & resources

Project languages

Languages
Reference language
English (United States)

Editing language
English (United States)

Other project languages
Empty

Task1 / Languages & resources / Project texts

Project texts

Project texts		
English (United States)	**Category**	**Reference**
	Alarm text	Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Warnings\alarmclass name not set_6\Alarm-ClassData_IDisplayNaming_DisplayName
	Alarm text	Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\No Acknowledgement\\AlarmClassDa-ta_IDisplayNaming_DisplayName
	Other text category	Task1\Comment
	Alarm text	Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Acknowledgement\\AlarmClassData_IDis-playNaming_DisplayName
!	Alarm text	Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Errors\alarmclass name not set_5\Alarm-ClassData_IDisplayNaming_DisplayName
!!	Alarm text	alarmclass name not set_9\AlarmClassData_IDisplayNaming_DisplayName
"Main Program Sweep (Cycle)"	Multilingual text category	Task1\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Main [OB1]\Comment
$	Alarm text	Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\System\alarmclass name not set_7\Alarm-ClassData_IDisplayNaming_DisplayName
0	Text List Text Category	Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\0\Entry
0	Text List Text Category	Task1\SYSTEM_AlarmServices_DisplayClassList\0\Entry
0	Text List Text Category	Task1\SYSTEM_AlarmServices_PriorityList\0\Entry
0= read UID, 1=Auto-read, 2=Auto-write, 3=read, 4=write	Multilingual text category	\Comments
1	Text List Text Category	Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\1\Entry
1	Text List Text Category	Task1\SYSTEM_AlarmServices_DisplayClassList\1\Entry
1	Text List Text Category	Task1\SYSTEM_AlarmServices_PriorityList\1\Entry
10	Text List Text Category	Task1\SYSTEM_AlarmServices_PriorityList\10\Entry
10	Text List Text Category	Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\10\Entry
10	Text List Text Category	Task1\SYSTEM_AlarmServices_DisplayClassList\10\Entry
11	Text List Text Category	Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\11\Entry
11	Text List Text Category	Task1\SYSTEM_AlarmServices_DisplayClassList\11\Entry
11	Text List Text Category	Task1\SYSTEM_AlarmServices_PriorityList\11\Entry
12	Text List Text Category	Task1\SYSTEM_AlarmServices_PriorityList\12\Entry
12	Text List Text Category	Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\12\Entry
12	Text List Text Category	Task1\SYSTEM_AlarmServices_DisplayClassList\12\Entry
13	Text List Text Category	Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\13\Entry
13	Text List Text Category	Task1\SYSTEM_AlarmServices_PriorityList\13\Entry
13	Text List Text Category	Task1\SYSTEM_AlarmServices_DisplayClassList\13\Entry
14	Text List Text Category	Task1\SYSTEM_AlarmServices_DisplayClassList\14\Entry
14	Text List Text Category	Task1\SYSTEM_AlarmServices_PriorityList\14\Entry
14	Text List Text Category	Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\14\Entry
15	Text List Text Category	Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\15\Entry
15	Text List Text Category	Task1\SYSTEM_AlarmServices_PriorityList\15\Entry
15	Text List Text Category	Task1\SYSTEM_AlarmServices_DisplayClassList\15\Entry
16	Text List Text Category	Task1\SYSTEM_AlarmServices_DisplayClassList\16\Entry
16	Text List Text Category	Task1\SYSTEM_AlarmServices_PriorityList\16\Entry
16	Text List Text Category	Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\16\Entry
2	Text List Text Category	Task1\SYSTEM_AlarmServices_PriorityList\2\Entry
2	Text List Text Category	Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\2\Entry
2	Text List Text Category	Task1\SYSTEM_AlarmServices_DisplayClassList\2\Entry
3	Text List Text Category	Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\3\Entry
3	Text List Text Category	Task1\SYSTEM_AlarmServices_PriorityList\3\Entry
3	Text List Text Category	Task1\SYSTEM_AlarmServices_DisplayClassList\3\Entry
4	Text List Text Category	Task1\SYSTEM_AlarmServices_PriorityList\4\Entry
4	Text List Text Category	Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\4\Entry
4	Text List Text Category	Task1\SYSTEM_AlarmServices_DisplayClassList\4\Entry
5	Text List Text Category	Task1\SYSTEM_AlarmServices_DisplayClassList\5\Entry
5	Text List Text Category	Task1\SYSTEM_AlarmServices_PriorityList\5\Entry
5	Text List Text Category	Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\5\Entry
6	Text List Text Category	Task1\SYSTEM_AlarmServices_PriorityList\6\Entry
6	Text List Text Category	Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\6\Entry
6	Text List Text Category	Task1\SYSTEM_AlarmServices_DisplayClassList\6\Entry
7	Text List Text Category	Task1\SYSTEM_AlarmServices_DisplayClassList\7\Entry
7	Text List Text Category	Task1\SYSTEM_AlarmServices_PriorityList\7\Entry
7	Text List Text Category	Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\7\Entry
8	Text List Text Category	Task1\SYSTEM_AlarmServices_PriorityList\8\Entry
8	Text List Text Category	Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\8\Entry
8	Text List Text Category	Task1\SYSTEM_AlarmServices_DisplayClassList\8\Entry
9	Text List Text Category	Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\9\Entry
9	Text List Text Category	Task1\SYSTEM_AlarmServices_DisplayClassList\9\Entry
9	Text List Text Category	Task1\SYSTEM_AlarmServices_PriorityList\9\Entry
A	Alarm text	Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Diagnosis events\Text for "Acknowledged"
A	Alarm class text	Task1\Acknowledgement\AlarmClassData_IDisplayNaming_DisplayName
A	Alarm text	Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\System\Text for "Acknowledged"
A	Alarm text	Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Errors\Text for "Acknowledged"
A	Alarm text	Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Warnings\Text for "Acknowledged"
A	Alarm text	Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Safety warnings\Text for "Acknowledged"
A	Alarm text	Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Acknowledgement\Text for "Acknowl-edged"
A	Alarm text	Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\No Acknowledgement\Text for "Acknowl-edged"
Additional text 1	Text List Text Category	Task1\SYSTEM_AlarmServices_TextNameList\Additional text 1\Entry
Additional text 2	Text List Text Category	Task1\SYSTEM_AlarmServices_TextNameList\Additional text 2\Entry
Additional text 3	Text List Text Category	Task1\SYSTEM_AlarmServices_TextNameList\Additional text 3\Entry
Additional text 4	Text List Text Category	Task1\SYSTEM_AlarmServices_TextNameList\Additional text 4\Entry
Additional text 5	Text List Text Category	Task1\SYSTEM_AlarmServices_TextNameList\Additional text 5\Entry
Additional text 6	Text List Text Category	Task1\SYSTEM_AlarmServices_TextNameList\Additional text 6\Entry
Additional text 7	Text List Text Category	Task1\SYSTEM_AlarmServices_TextNameList\Additional text 7\Entry

English (United States)	Category	Reference
Additional text 8	Text List Text Category	Task1\SYSTEM_AlarmServices_TextNameList\Additional text 8\Entry
Additional text 9	Text List Text Category	Task1\SYSTEM_AlarmServices_TextNameList\Additional text 9\Entry
Administrator group	HMI runtime	Task1\HMI_2 [KTP400 Basic PN]\User administration\Administrator group\Display name
Alarm text	Text List Text Category	Task1\SYSTEM_AlarmServices_TextNameList\Alarm text\Entry
Ant. OFF	HMI screen	Task1\HMI_2 [KTP400 Basic PN]\Screens\Read and write\Switch_1\Text OFF
Ant. ON	HMI screen	Task1\HMI_2 [KTP400 Basic PN]\Screens\Read and write\Switch_1\Text ON
Antenna status	HMI screen	Task1\HMI_2 [KTP400 Basic PN]\Screens\Read and write\Text field_10\Text
Authorization 'User administration' for managing users in the user view inrRun-time.	HMI comment	Task1\HMI_2 [KTP400 Basic PN]\User administration\User administration\Comment
Auto-Read Data	HMI runtime	Task1\HMI_2 [KTP400 Basic PN]\Text and graphic lists\command_value\Text_list_entry_2\Text
Auto-Write Data	HMI runtime	Task1\HMI_2 [KTP400 Basic PN]\Text and graphic lists\command_value\Text_list_entry_3\Text
Command Ack.	HMI screen	Task1\HMI_2 [KTP400 Basic PN]\Screens\Read and write\Text field_7\Text
Command End	HMI screen	Task1\HMI_2 [KTP400 Basic PN]\Screens\Read and write\Text field_8\Text
command value	Multilingual text category	Task1\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\\VarLine-Comment
command value	Multilingual text category	Task1\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\\VarLine-Comment
CPU error: @1W%t#7W@ @5W%t#7W@ HW_ID= @6W%5u@	System alarm text	4\SDIAG_ALCAT_CPU_ERR_MSG\Alarm text
CPU info: @1W%t#7W@ @5W%t#7W@ HW_ID= @6W%5u@	System alarm text	4\SDIAG_ALCAT_CPU_INFO_MSG\Alarm text
CPU internal: @1W%t#7W@ @5W%t#7W@ HW_ID= @6W%5u@	System alarm text	4\SDIAG_ALCAT_CPU_INTERN_MSG\Alarm text
CPU maintenance demanded: @1W %t#7W@ @5W%t#7W@ HW_ID= @6W %5u@	System alarm text	4\SDIAG_ALCAT_CPU_MD_MSG\Alarm text
CPU maintenance required: @1W%t#7W@ @5W%t#7W@ HW_ID= @6W%5u@	System alarm text	4\SDIAG_ALCAT_CPU_MR_MSG\Alarm text
CPU mode message: @1W%t#7W@ @5W %t#7W@	System alarm text	4\SDIAG_ALCAT_CPU_OST_MSG\Alarm text
Error (vendor-specific): @1W%t#7W@ HW_ID= @6W%5u@	System alarm text	4\SDIAG_ALCAT_SUBMODUL_MAN_SPEC\Alarm text
Error: @1W%t#7W@ - @5W%t#7W@ HW_ID= @6W%5u@	System alarm text	4\SDIAG_ALCAT_ESUB_ERR_MSG\Alarm text
Error: @1W%t#7W@ - @5W%t#7W@ HW_ID= @6W%5u@, @8W%t#7W@ channel number @2W%5u@	System alarm text	4\SDIAG_ALCAT_ECH_ERR_MSG\Alarm text
Error: @1W%t#7W@ @5W%t#7W@ HW_ID= @6W%5u@	System alarm text	4\SDIAG_ALCAT_RACK_MSG\Alarm text
Error: @1W%t#7W@ @5W%t#7W@ HW_ID= @6W%5u@	System alarm text	4\SDIAG_ALCAT_IOSYSTEM_MSG\Alarm text
Error: @1W%t#7W@ @5W%t#7W@ HW_ID= @6W%5u@	System alarm text	4\SDIAG_ALCAT_SUBMODUL_MSG\Alarm text
Error: @1W%t#7W@ @5W%t#7W@ HW_ID= @6W%5u@	System alarm text	4\SDIAG_ALCAT_MODUL_MSG\Alarm text
Error: @1W%t#7W@ @5W%t#7W@ HW_ID= @6W%5u@	System alarm text	4\SDIAG_ALCAT_DEVICE_MSG\Alarm text
Error: @1W%t#7W@ HW_ID= @6W%5u@	System alarm text	4\SDIAG_ALCAT_SUB_ERR_MSG\Alarm text
Error: @1W%t#7W@ HW_ID= @6W%5u@, @8W%t#7W@ channel number @2W%5u@	System alarm text	4\SDIAG_ALCAT_CH_ERR_MSG\Alarm text
ExitRuntime	HMI screen	Task1\HMI_2 [KTP400 Basic PN]\Screen management\Templates\Template_1\Template_Button\Text ON
ExitRuntime	HMI screen	Task1\HMI_2 [KTP400 Basic PN]\Screen management\Templates\Template_1\Template_Button\Text OFF
I	Alarm text	Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Warnings\Text for "Incoming"
I	Alarm text	Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Diagnosis events\Text for "Incoming"
I	Alarm text	Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\No Acknowledgement\Text for "Incoming"
I	Alarm text	Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Acknowledgement\Text for "Incoming"
I	Alarm text	Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Safety warnings\Text for "Incoming"
I	Alarm text	Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Errors\Text for "Incoming"
I	Alarm text	Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\System\Text for "Incoming"
Info text	Text List Text Category	Task1\SYSTEM_AlarmServices_TextNameList\Info text\Entry
Info: @1W%t#7W@ HW_ID= @6W%5u@	System alarm text	4\SDIAG_ALCAT_CONFIG_INFO\Alarm text
Info: @1W%t#7W@ HW_ID= @6W%5u@	System alarm text	4\SDIAG_ALCAT_CONFIG_REPORT\Alarm text
IO	Alarm text	Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Acknowledgement\Text for "Incoming/Outgoing"
IO	Alarm text	Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\System\Text for "Incoming/Outgoing"
IO	Alarm text	Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Diagnosis events\Text for "Incoming/Outgoing"
IO	Alarm text	Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Errors\Text for "Incoming/Outgoing"
IO	Alarm text	Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\No Acknowledgement\Text for "Incoming/Outgoing"
IO	Alarm text	Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Warnings\Text for "Incoming/Outgoing"
IO	Alarm text	Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Safety warnings\Text for "Incoming/Outgoing"
job loop	Multilingual text category	\Comments
Log of tags with timestamp	Multilingual text category	Task1\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\RFID\Logic [FB1]\\Comment
Logic for RFID buffer	Multilingual text category	Task1\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Main [OB1]\\Comment
Maintenance demanded: @1W%t#7W@ - @5W%t#7W@ HW_ID= @6W%5u@	System alarm text	4\SDIAG_ALCAT_ESUB_MD_MSG\Alarm text
Maintenance demanded: @1W%t#7W@ HW_ID= @6W%5u@	System alarm text	4\SDIAG_ALCAT_SUB_MD_MSG\Alarm text
Maintenance demanded:@1W%t#7W@ - @5W%t#7W@ HW_ID= @6W%5u@, @8W %t#7W@ channel number @2W%5u@	System alarm text	4\SDIAG_ALCAT_ECH_MD_MSG\Alarm text
Maintenance demanded:@1W%t#7W@ HW_ID= @6W%5u@, @8W%t#7W@ channel number @2W%5u@	System alarm text	4\SDIAG_ALCAT_CH_MD_MSG\Alarm text

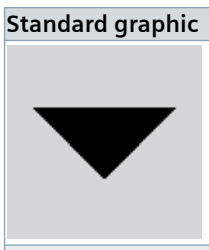
English (United States)	Category	Reference
Maintenance required: @1W%t#7W@ - @5W%t#7W@ HW_ID= @6W%5u@	System alarm text	4\SDIAG_ALCAT_ESUB_MR_MSG\Alarm text
Maintenance required: @1W%t#7W@ HW_ID= @6W%5u@	System alarm text	4\SDIAG_ALCAT_SUB_MR_MSG\Alarm text
Maintenance required:@1W%t#7W@ - @5W%t#7W@ HW_ID= @6W%5u@, @8W %t#7W@ channel number @2W%5u@	System alarm text	4\SDIAG_ALCAT_ECH_MR_MSG\Alarm text
Maintenance required:@1W%t#7W@ HW_ID= @6W%5u@, @8W%t#7W@ channel number @2W%5u@	System alarm text	4\SDIAG_ALCAT_CH_MR_MSG\Alarm text
Monitor	HMI runtime	Task1\HMI_2 [KTP400 Basic PN]\User administration\Monitor\Name
'Monitor' authorization.	HMI comment	Task1\HMI_2 [KTP400 Basic PN]\User administration\Monitor\Comment
Motion control	Text List Text Category	Task1\SYSTEM_AlarmServices_ProducerList\SMC\Entry
NA	Alarm class text	Task1\No Acknowledgement\AlarmClassData_IDisplayNaming_DisplayName
O	Alarm text	Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Errors\Text for "Outgoing"
O	Alarm text	Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Diagnosis events\Text for "Outgoing"
O	Alarm text	Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Warnings\Text for "Outgoing"
O	Alarm text	Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\System\Text for "Outgoing"
O	Alarm text	Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Acknowledgement\Text for "Outgoing"
O	Alarm text	Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\No Acknowledgement\Text for "Outgoing"
O	Alarm text	Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Safety warnings\Text for "Outgoing"
Operate	HMI runtime	Task1\HMI_2 [KTP400 Basic PN]\User administration\Operate\Name
'Operate' authorization.	HMI comment	Task1\HMI_2 [KTP400 Basic PN]\User administration\Operate\Comment
operation command	Multilingual text category	Task1\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\\VarLine-Comment
QGR	Alarm text	Task1\HMI_2 [KTP400 Basic PN]\Runtime settings\HmiAlarmSettingsData\Acknowledgment group text
Read Data	HMI runtime	Task1\HMI_2 [KTP400 Basic PN]\Text and graphic lists\command_value\Text_list_entry_4\Text
Read UID	HMI runtime	Task1\HMI_2 [KTP400 Basic PN]\Text and graphic lists\command_value\Text_list_entry_1\Text
read value 0	Multilingual text category	Task1\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\\VarLine-Comment
read value 1	Multilingual text category	Task1\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\\VarLine-Comment
read value 2	Multilingual text category	Task1\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\\VarLine-Comment
read value 3	Multilingual text category	Task1\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\\VarLine-Comment
Read value Address 0	HMI screen	Task1\HMI_2 [KTP400 Basic PN]\Screens\Read and write\Text field_2\Text
Read value Address 1	HMI screen	Task1\HMI_2 [KTP400 Basic PN]\Screens\Read and write\Text field_3\Text
Read value Address 2	HMI screen	Task1\HMI_2 [KTP400 Basic PN]\Screens\Read and write\Text field_4\Text
Read value Address 3	HMI screen	Task1\HMI_2 [KTP400 Basic PN]\Screens\Read and write\Text field_5\Text
Read values from RFID	Multilingual text category	Task1\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Main [OB1]\\Comment
Report system errors	Text List Text Category	Task1\SYSTEM_AlarmServices_ProducerList\Rse\Entry
RFID Read operation	HMI screen	Task1\HMI_2 [KTP400 Basic PN]\Screens\Read and write\Text field_1\Text
RFID Write operation	HMI screen	Task1\HMI_2 [KTP400 Basic PN]\Screens\Read and write\Text field_6\Text
S7	Alarm text	alarmclass name not set_8\AlarmClassData_IDisplayNaming_DisplayName
Saving value in buffer DB	Multilingual text category	Task1\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\RFID\Logic [FB1]\\Comment
Security	Text List Text Category	Task1\SYSTEM_AlarmServices_ProducerList\Security\Entry
SINUMERIK	Text List Text Category	Task1\SYSTEM_AlarmServices_ProducerList\Sinumerik\Entry
status	Multilingual text category	Task1\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\\VarLine-Comment
Storing values in bufffer	Multilingual text category	\Comments
Switch	HMI screen	Task1\HMI_2 [KTP400 Basic PN]\Screens\Read and write\Switch_1\Caption text
System diagnostics	Text List Text Category	Task1\SYSTEM_AlarmServices_ProducerList\SysDiag\Entry
Tag Present	HMI screen	Task1\HMI_2 [KTP400 Basic PN]\Screens\Read and write\Text field_9\Text
Temporary CPU error: @1W%t#7W@ @5W %t#7W@ HW_ID= @6W%5u@	System alarm text	4\SDIAG_ALCAT_CPU_TMPERR_MSG\Alarm text
The 'Administrator' group is initially granted all rights.	HMI comment	Task1\HMI_2 [KTP400 Basic PN]\User administration\Administrator group\Comment
The user 'Administrator' is assigned to the 'Administrator' group.	HMI comment	Task1\HMI_2 [KTP400 Basic PN]\User administration\Administrator\Comment
The 'Users' group is initially granted 'Operating' rights.	HMI comment	Task1\HMI_2 [KTP400 Basic PN]\User administration\Users\Comment
timestamp_loop	Multilingual text category	\Comments
User administration	HMI runtime	Task1\HMI_2 [KTP400 Basic PN]\User administration\User administration\Name
User program	Text List Text Category	Task1\SYSTEM_AlarmServices_ProducerList\Iecpl\Entry
User program	Text List Text Category	Task1\SYSTEM_AlarmServices_ProducerList\Alarming\Entry
User program	Text List Text Category	Task1\SYSTEM_AlarmServices_ProducerList\Simotion\Entry
Users	HMI runtime	Task1\HMI_2 [KTP400 Basic PN]\User administration\Users\Display name
Write Data	HMI runtime	Task1\HMI_2 [KTP400 Basic PN]\Text and graphic lists\command_value\Text_list_entry_5\Text
write value 0	Multilingual text category	Task1\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\\VarLine-Comment
write value 1	Multilingual text category	Task1\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\\VarLine-Comment
write value 2	Multilingual text category	Task1\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\\VarLine-Comment
write value 3	Multilingual text category	Task1\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\\VarLine-Comment
Write value Address 0	HMI screen	Task1\HMI_2 [KTP400 Basic PN]\Screens\Read and write\Text field_11\Text
Write value Address 1	HMI screen	Task1\HMI_2 [KTP400 Basic PN]\Screens\Read and write\Text field_12\Text
Write value Address 2	HMI screen	Task1\HMI_2 [KTP400 Basic PN]\Screens\Read and write\Text field_13\Text

English (United States)	Category	Reference
Write value Address 3	HMI screen	Task1\HMI_2 [KTP400 Basic PN]\Screens\Read and write\Text field_14\Text
Write Values to RFID	Multilingual text category	Task1\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Main [OB1]\\Comment

Task1 / Languages & resources

Project graphics

Down_Arrow

Standard graphic	English (USA)
	
Dithering mode	
Same color	Same color
Smoothing	
Unchecked	Unchecked

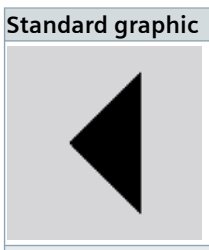
ExitRuntime_KTP400_Basic_PN_TR

Standard graphic	English (USA)
	
Dithering mode	
Same color	Same color
Smoothing	
Unchecked	Unchecked

Home

Standard graphic	English (USA)
	
Dithering mode	
Same color	Same color
Smoothing	
Unchecked	Unchecked

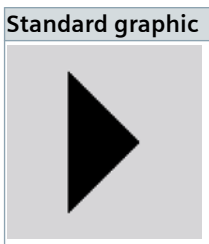
Left_Arrow

Standard graphic	English (USA)
	
Dithering mode	
Same color	Same color
Smoothing	
Unchecked	Unchecked

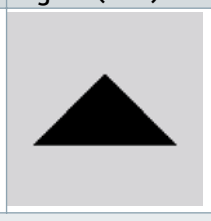
NavigateHome_KTP400_Basic_PN_TR

Standard graphic	English (USA)
	
Dithering mode	
Same color	Same color
Smoothing	
Unchecked	Unchecked

Right_Arrow

Standard graphic	English (USA)
	
Dithering mode	
Same color	Same color
Smoothing	
Unchecked	Unchecked

Up_Arrow

Standard graphic	English (USA)
	
Dithering mode	
Same color	Same color
Smoothing	
Unchecked	Unchecked