Task3_V15

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Project							
Name:	Task3_V15	**Creation time:**	2/7/2019 8:23:08 PM	**Last change**	4/27/2019 12:31:37 PM	**Author:**	RV
Last modified by:	RV	**Version:**					
Comment:							

Operating system	
Name	**Description**
Operating system	Microsoft Windows 8.1 Pro
Version of the operating system	6.3.9600.0
Operating system service pack	
Version of the Internet Explorer	11.0.9600.19236
Computer name	RVHOME
User name	RVHOME\RV
Installation path of the TIA Portal	D:\Program Files\Siemens\Automation\Portal V15

Components		
Name	**Version**	**Release**
TIA Portal Multiuser Server V14 - TIA Portal Multiuser Server Single Setup-Package V14.0 SP1 (MUSERVERV14)	V14.0 + SP1	V14.00.01.00_12.01.00.01
TIA Portal Multiuser Server V15 - TIA Portal Multiuser Server Single Setup-Package V15.0 (MUSERVERV15)	V15.0	V15.00.00.00_26.01.00.01
TIA Administrator - AWB Licensing Module V1.0 (TIAADMIN)	V1.0	V01.00.00.00_01.25.00.02
TIA Administrator - AWB Software Management V1.0 (TIAADMIN)	V1.0	V01.00.00.00_01.25.00.02
TIA Administrator - TIA UMC Agent Configurator Module V1.0 (TIAADMIN)	V1.0	V01.00.00.00_01.25.00.02
TIA Administrator - TIA Administrator V1.0 (TIAADMIN)	V1.0	V01.00.00.00_01.25.00.02
Totally Integrated Automation Portal V15 - TIA Portal Single SetupPackage V15.0 (TIAP15)	V15.0	V15.00.00.00_26.01.00.01
Siemens Totally Integrated Automation Portal V15 - HM All Editions Single SetupPackage V15.0 (TIAP15)	V15.0	V15.00.00.00_26.01.00.01
Siemens Totally Integrated Automation Portal V15 - HM NoBasic Single Se-tupPackage V15.0 (TIAP15)	V15.0	V15.00.00.00_26.01.00.01
Siemens Totally Integrated Automation Portal V15 - Hardware Support Base Package 0 V15.0 (TIAP15)	V15.0	V15.00.00.00_01.01.00.02
Siemens Totally Integrated Automation Portal V15 - Multiuser Client Single SetupPackage V15.0 (TIAP15)	V15.0	V15.00.00.00_26.01.00.01
Siemens Totally Integrated Automation Portal V15 - STEP 7 Single Setup-Package V15.0 (TIAP15)	V15.0	V15.00.00.00_26.01.00.01
Siemens Totally Integrated Automation Portal V15 - Hardware Support Base Package 02 V15.0 (TIAP15)	V15.0	V15.00.00.00_01.01.00.02
Siemens Totally Integrated Automation Portal V15 - Hardware Support Base Package 03 V15.0 (TIAP15)	V15.0	V15.00.00.00_01.01.00.02
Siemens Totally Integrated Automation Portal V15 - Hardware Support Base Package 04 V15.0 (TIAP15)	V15.0	V15.00.00.00_01.01.00.02
Siemens Totally Integrated Automation Portal V15 - Support Base Package TO-01 V15.0 (TIAP15)	V15.0	V15.00.00.00_01.01.00.02
Siemens Totally Integrated Automation Portal V15 - Support Base Package TO-02 V15.0 (TIAP15)	V15.0	V15.00.00.00_01.01.00.02
Siemens Totally Integrated Automation Portal V15 - Hardware Support Base Package WCF-01 V15.0 (TIAP15)	V15.0	V15.00.00.00_01.01.00.02
Siemens Totally Integrated Automation Portal V15 - TIACOMPCHECK Single SetupPackage V15.0 (TIAP15)	V15.0	V15.00.00.00_26.01.00.01
Siemens Totally Integrated Automation Portal V15 - Simatic Single Setup-Package V15.0 (TIAP15)	V15.0	V15.00.00.00_26.01.00.01
Siemens Totally Integrated Automation Portal V15 - WinCC Single Setup-Package V15.0 (TIAP15)	V15.0	V15.00.00.00_26.01.00.01
Siemens Totally Integrated Automation Portal V15 - Openness SetupPack-age V15.0 (TIAP15)	V15.0	V15.00.00.00_26.01.00.01
Siemens Totally Integrated Automation Portal V15 - WinCC Transfer Current All Single SetupPackage V15.0 (TIAP15)	V15.0	V15.00.00.00_26.01.00.01
Siemens Totally Integrated Automation Portal V15 - WinCC Transfer Current CAP Single SetupPackage V15.0 (TIAP15)	V15.0	V15.00.00.00_26.01.00.01
Siemens Totally Integrated Automation Portal V15 - WinCC Transfer Manda-tory Single SetupPackage V15.0 (TIAP15)	V15.0	V15.00.00.00_26.01.00.01
User Management Component - UserManagementComponentx64 01.9 (UMC64)	V01.9	V01.09.00.00_04.13.00.03
WinCC Runtime Advanced V15.0 - SIMATIC WinCC Runtime Advanced V15.0 (HMIRTM_V11)	V15.0	V15.00.00.00_26.01.00.01
WinCC Runtime Advanced V15.0 - HMIRTM Tagging Package 01 Single Se-tupPackage V15.0 (HMIRTM_V11)	V15.0	V15.00.00.00_26.01.00.01
SIMATIC S7-PLCSIM (S7_PLCSIM_V13)	V13.0 + SP1 + Upd1	V13.00.01.01_01.75.00.01
Siemens Totally Integrated Automation Portal V13 - SIMATIC S7-PLCSIM V13.0 + SP1 + Upd1 (S7_PLCSIM_V13)	V13.0 + SP1 + Upd1	V13.00.01.01_01.75.00.01
Siemens Totally Integrated Automation Portal V15 - Simatic Single Setup-Package 32 Bit V15.0 (TIAP15)	V15.0	V15.00.00.00_26.01.00.01
Siemens Totally Integrated Automation Portal V15 - WinCC Single Setup-Package 32 Bit V15.0 (TIAP15)	V15.0	V15.00.00.00_26.01.00.01
SIMATIC HMI License Manager Panel Plugin (x64)	15.0.0.0	V15.00.00.00_26.01.00.01
SIMATIC WinCC Runtime Advanced Driver (x64)	15.0.0.0	V15.00.00.00_26.01.00.01
SIMATIC NCM FWL 64	5.6.0.3	K5.6.0.3_1.1.0.2
NCM GPRS 64	01.02.00.00	V1.2.0.0_2.1.0.1
SIMATIC PLCSIM 64	14.00	14.00.00.00_29.01.00.01
PlcSimPlus64	13.01	V13.00.01.00_25.01.00.01
SIMATIC Device Drivers	9.2	09.02.00.00_01.15.00.04
Automation Software Updater	02.03.0000	V02.03.00.00_01.01.00.48
SIEMENS OPC	3.9	03.09.08.00_01.07.00.01

Name	Version	Release
SIMATIC HMI ProSave	15.0.0.0	V15.00.00.00_26.01.00.01
SIMATIC HMI Symbol Library	15.0.0.0	V15.00.00.00_26.01.00.01
SIMATIC HMI Touch Input	15.0.0.0	V15.00.00.00_26.01.00.01
SIMATIC Device Drivers WoW	29.2	29.02.00.00_01.15.00.04
SIMATIC Event Database	5.6	05.06.00.00_03.01.00.01
SeCon	2.5	V02.05.00.00_01.05.00.04
WinCC Runtime Advanced Simulator	15.0.0.0	V15.00.00.00_26.01.00.01

Products

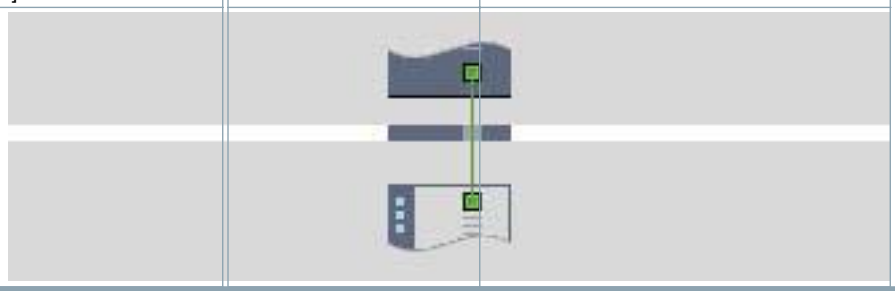
Name	Version	Release
TIA Portal Multiuser Server	V14.0 SP1	V14.00.01.00_12.01.00.01
TIA Portal Multiuser Server	V15.0	V15.00.00.00_26.01.00.01
TIA Administrator	V1.0	V01.00.00.00_01.00.00.01
SIMATIC STEP 7 Professional	V14.0 SP1	V14.00.01.00_12.01.00.01
SIMATIC WinCC Basic	V14.0 SP1	V14.00.01.00_12.01.00.01
SIMATIC STEP 7 Professional - WinCC Advanced	V15.0	V15.00.00.00_26.01.00.01
User Management Component x64	V1.9	V01.09.00.00_04.12.00.03
SIMATIC WinCC Runtime Advanced Simulation	V15.0	V15.00.00.00_26.01.00.01
SIMATIC S7-PLCSIM	V13.0 SP1 Upd1	V13.00.01.01_01.75.00.01
SIMATIC STEP 7 Professional	V13.0 SP1	V13.00.01.00_25.01.00.01
SIMATIC WinCC Basic	V13.0 SP1	V13.00.01.00_25.01.00.01
Automation License Manager	V6.0	06.00.00.00_01.22.00.08
S7-PLCSIM	V5.4 + SP7	V05.04.07.00_01.44.00.01
SIMATIC ProSave	V15.0	V15.00.00.00_26.01.00.01

Task3_V15

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					
IP configuration	Set IP address in the project	**IP address:**	192.168.1.100	**Subnet mask:**	255.255.255.0
Use router	False				
PROFINET interface [X1]\Ethernet addresses\PROFINET					
PROFINET device name is set directly at the device	False	**Generate PROFINET device name automatically**	True	**PROFINET device name:**	plc_1
Converted name:	plcxb1d0ed	**Device number:**	0		
PROFINET interface [X1]\Time synchronization					
Enable time synchronization via NTP server	Enable time synchronization via NTP server		IP addresses	**Server 1**	0.0.0.0
Server 2	0.0.0.0	**Server 3**	0.0.0.0	**Server 4**	0.0.0.0
Update interval	10sec				
PROFINET interface [X1]\Digital inputs\Channel0					
Channel address	I0.0	**Input filters**	6.4 millisec	**Enable pulse catch**	0
PROFINET interface [X1]\Digital inputs\Channel0					
Enable rising edge detection	0	**RidPrefixRisingEdgeEvent**	49152	**Event name:**	0
Hardware interrupt:	0	**Rising edge0**	Rising edge0		
PROFINET interface [X1]\Digital inputs\Channel0					
Enable falling edge detection	0	**RidPrefixFallingEdgeEvent**	49280	**Event name:**	0
Hardware interrupt:	0	**Falling edge0**	Falling edge0		
PROFINET interface [X1]\Digital inputs\Channel1					
Channel address	I0.1	**Input filters**	6.4 millisec	**Enable pulse catch**	0
PROFINET interface [X1]\Digital inputs\Channel1					
Enable rising edge detection	0	**RidPrefixRisingEdgeEvent**	49153	**Event name:**	0
Hardware interrupt:	0	**Rising edge1**	Rising edge1		
PROFINET interface [X1]\Digital inputs\Channel1					
Enable falling edge detection	0	**RidPrefixFallingEdgeEvent**	49281	**Event name:**	0
Hardware interrupt:	0	**Falling edge1**	Falling edge1		
PROFINET interface [X1]\Digital inputs\Channel2					
Channel address	I0.2	**Input filters**	6.4 millisec	**Enable pulse catch**	0
PROFINET interface [X1]\Digital inputs\Channel2					
Enable rising edge detection	0	**RidPrefixRisingEdgeEvent**	49154	**Event name:**	0
Hardware interrupt:	0	**Rising edge2**	Rising edge2		
PROFINET interface [X1]\Digital inputs\Channel2					
Enable falling edge detection	0	**RidPrefixFallingEdgeEvent**	49282	**Event name:**	0
Hardware interrupt:	0	**Falling edge2**	Falling edge2		
PROFINET interface [X1]\Digital inputs\Channel3					
Channel address	I0.3	**Input filters**	6.4 millisec	**Enable pulse catch**	0
PROFINET interface [X1]\Digital inputs\Channel3					
Enable rising edge detection	0	**RidPrefixRisingEdgeEvent**	49155	**Event name:**	0
Hardware interrupt:	0	**Rising edge3**	Rising edge3		
PROFINET interface [X1]\Digital inputs\Channel3					
Enable falling edge detection	0	**RidPrefixFallingEdgeEvent**	49283	**Event name:**	0
Hardware interrupt:	0	**Falling edge3**	Falling edge3		

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	0.0	**End address**	0.7	**Organization block**	0
Process image	0				
PROFINET interface [X1]\I/O addresses\Input addresses					
Start address	64	**End address**	67	**Organization block**	0
Process image	0				
PROFINET interface [X1]\I/O addresses\Output addresses					
Start address	0.0	**End address**	0.7	**Organization block**	0
Process image	0				

PROFINET interface [X1]\Advanced options\Interface options					
Support device replacement without exchangeable medium	True	**Permit overwriting of device names of all assigned IO devices**	False	**Use IEC V2.2 LLDP mode**	False
Keep-Alive connection monitoring	30s				
PROFINET interface [X1]\Advanced options\Real time settings\IO communication					
Send clock:	1.000ms				
PROFINET interface [X1]\Advanced options\Real time settings\Real time options					
Calculated bandwidth for cyclic IO data:	0.000ms	**Calculated bandwidth for cyclic IO data:**	0.000%		
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	**Partner port:**	Any partner		
PROFINET interface [X1]\Advanced options\Port [X1 P1]\Port options\Activate					
Activate this port for use	True				
PROFINET interface [X1]\Advanced options\Port [X1 P1]\Port options\Connection					
Transmission rate / duplex:	Automatic	**Monitor**	False	**Enable autonegotiation**	True
PROFINET interface [X1]\Advanced options\Port [X1 P1]\Port options\Boundaries					
End of detection of accessible devices	False	**End of topology discovery**	False	**End of the sync domain**	False
PROFINET interface [X1]\Web server access					
Enable Web server using this interface	False	**The Web server must also be activated in the properties of the PLC.**			
High speed counters (HSC)\HSC1\General\Enable					
Enable this high speed counter	0	**Enable this high speed counter**	0	**Enable this high speed counter**	0
Enable this high speed counter	0	**Enable this high speed counter**	0	**Enable this high speed counter**	0
High speed counters (HSC)\HSC1\General\Project information					
Name	HSC_1	**Comment**		**Name**	HSC_2
Comment		**Name**	HSC_3	**Comment**	
Name	HSC_4	**Comment**		**Name**	HSC_5
Comment		**Name**	HSC_6	**Comment**	
High speed counters (HSC)\HSC1\I/O addresses\Input addresses					
Start address	1000.0	**End address**	1003.7	**Start address**	1004.0
End address	1007.7	**Organization block**	0	**Start address**	1008.0
End address	1011.7	**Organization block**	0	**Process image**	0
Start address	1012.0	**End address**	1015.7	**Organization block**	0
Process image	0	**Start address**	1016.0	**End address**	1019.7
Organization block	0	**Process image**	0	**Start address**	1020.0
End address	1023.7	**Organization block**	0	**Process image**	0
Organization block	0	**Process image**	0	**Process image**	0
Pulse generators (PTO/PWM)\PTO1/PWM1\General\Enable					
Enable this pulse generator	0	**Enable this pulse generator**	0		
Pulse generators (PTO/PWM)\PTO1/PWM1\General\Project information					
Name	Pulse_1	**Comment**		**Name**	Pulse_2
Comment					
Pulse generators (PTO/PWM)\PTO1/PWM1\I/O addresses\Output addresses					
Start address	1000.0	**End address**	1001.7	**Start address**	1002.0
End address	1003.7	**Organization block**	0	**Organization block**	0
Process image	0	**Process image**	0		
Startup					
Startup after POWER ON	Warm restart - mode before POWER OFF	**Comparison preset to actual configuration**	Startup CPU even if mismatch	**Configuration time**	60000ms
OBs should be interruptible	1				
Cycle					
Cycle monitoring time	150ms			**Enable minimum cycle time for cyclic OBs**	0
Minimum cycle time	1ms				
Communication load					
Cycle load due to communication	20%				
System and clock memory\System memory bits					
Enable the use of system memory byte	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
5 Hz clock	%M0.1 (Clock_5Hz)	**2.5 Hz clock**	%M0.2 (Clock_2.5Hz)	**2 Hz clock**	%M0.3 (Clock_2Hz)
1.25 Hz clock	%M0.4 (Clock_1.25Hz)	**1 Hz clock**	%M0.5 (Clock_1Hz)	**0.625 Hz clock**	%M0.6 (Clock_0.625Hz)
0.5 Hz clock	%M0.7 (Clock_0.5Hz)				

Web server\General			
Activate Web server on all modules of this device	False	**Permit access only with HTTPS**	True

Web server\Automatic update			
Enable automatic update	True	**Update interval**	0s

Web server\User interface languages	
Assign project language	**User interface languages**
English (United States)	German
English (United States)	English
English (United States)	French
English (United States)	Spanish
English (United States)	Italian
English (United States)	Chinese (simplified)

Web server\User management	
User name	**User rights**
Everybody	

Web server\User defined web pages					
Application name	**HTML source path**	**Default HTML page**	**Files with dynamic content**	**Web DB number**	**Fragment DB number**
		index.htm	.htm;.html	333	334

Web server\Overview of interfaces		
Device	**Interface**	**Enabled web server access**
PLC_1	PROFINET interface_1	False

User interface languages	
Assign project language	**User interface languages**
English (United States)	German
English (United States)	English
English (United States)	French
English (United States)	Spanish
English (United States)	Italian
English (United States)	Chinese (simplified)

Time of day\Local time	
Time zone	(UTC +01:00) Berlin, Bern, Brussels, Rome, Stockholm, Vienna

Time of day\Daylight saving time			
Activate daylight saving time	1	**Difference between standard and daylight saving time**	60mins

Time of day\Daylight saving time\Start of daylight saving time					
Starting week of the month:	Last		Sunday	**of**	March
at	01:00 a.m.				

Time of day\Daylight saving time\Start of standard time					
	Last		Sunday	**of**	October
at	02:00 a.m.				

Protection & Security	
Level of protection	No protection

Protection & Security\Connection mechanisms	
Permit access with PUT/GET communication from remote partner	True

Configuration control\Configuration control for central configuration	
Allow to reconfigure the device via the user program	0

Connection resources\				
	Station resources - Reserved - Maximum	**Station resources - Reserved - Configured**	**Station resources - Dynamic - Configured**	**Module resources - PLC_1 [CPU 1212C AC/DC/Rly] - Configured**
Maximum number of resources:		62	6	68
	Maximum	Configured	Configured	Configured
PG communication:	4	-	-	-
HMI communication:	12	1	0	1
S7 communication:	8	1	0	1
Open user communication:	8	0	0	0
Web communication:	30	-	-	-
Other communication:	-	-	0	0
Total resources used:		2	0	2
Available resources:		60	6	66

Overview of addresses\Overview of addresses\Overview of addresses					
Inputs	True	**Outputs**	True	**Address gaps**	False
Slot	True				

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

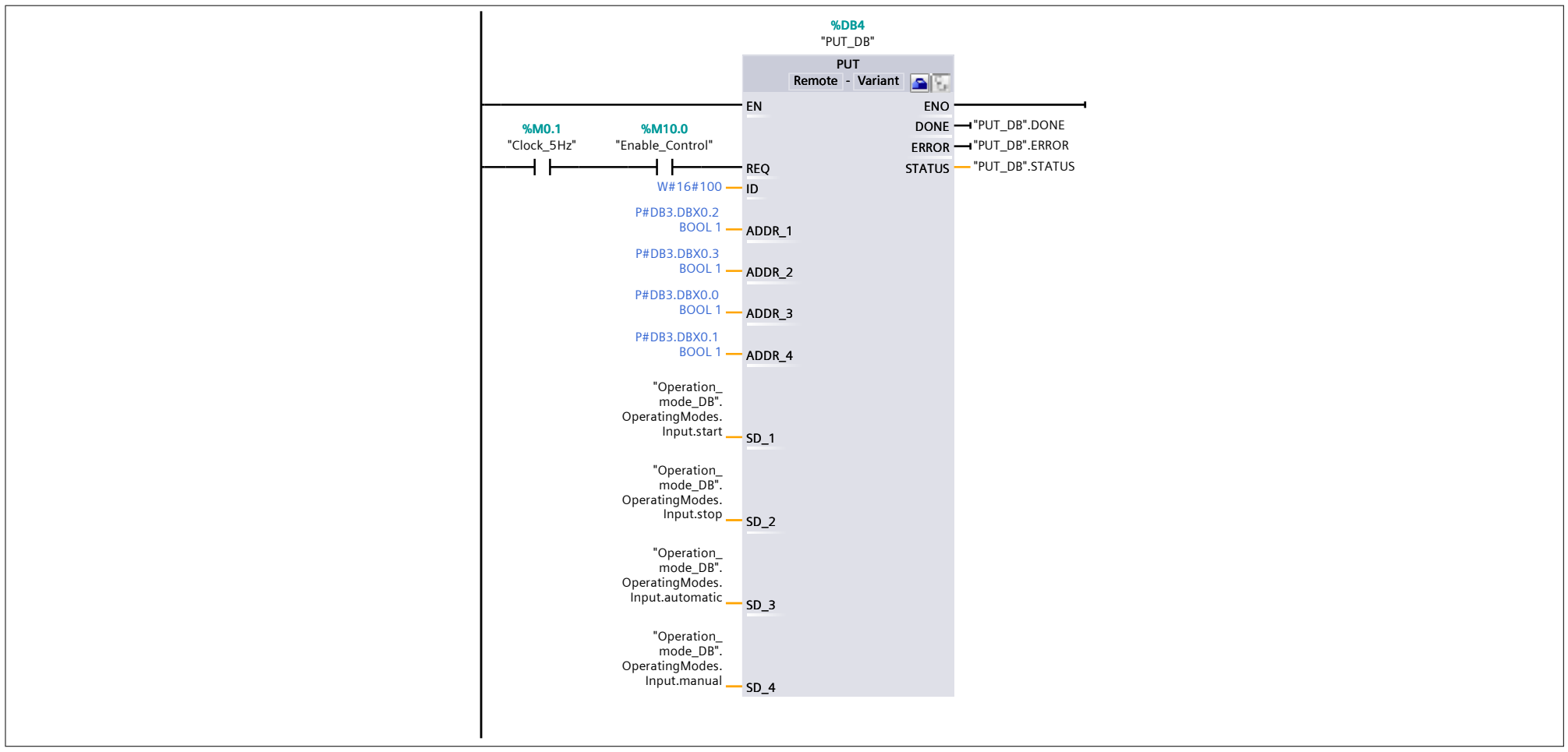
Task3_V15 / PLC_1 [CPU 1212C AC/DC/Rly] / Program blocks

Main [OB1]

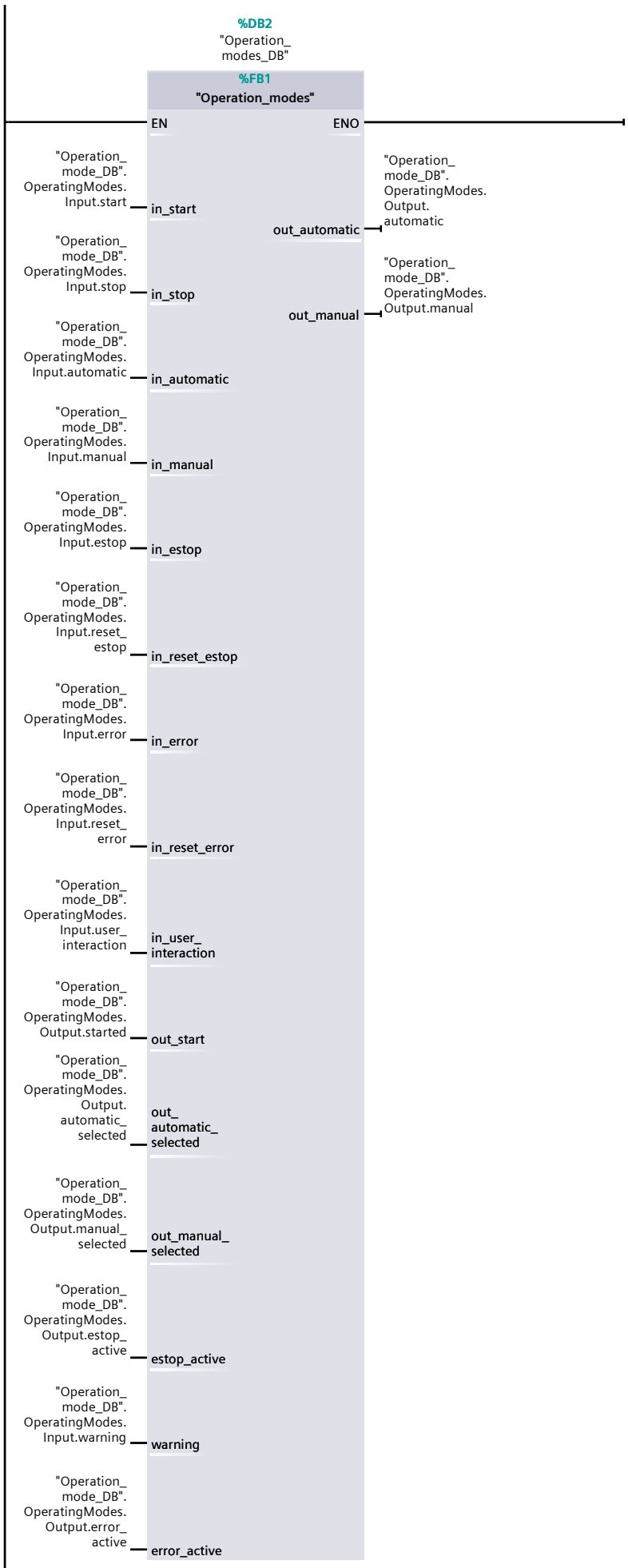
Main Properties							
General							
Name	Main	**Number**	1	**Type**	OB	**Language**	LAD
Numbering	Automatic						
Information							
Title	"Main Program Sweep (Cycle)"	**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

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

Network 1: Put in PLC_2



Network 2: Operation mode


%DB2
"Operation_
modes_DB"
%FB1
"Operation_modes"
EN
ENO
"Operation_
mode_DB".
OperatingModes.
Input.start
in_start
"Operation_
mode_DB".
OperatingModes.
Input.stop
in_stop
"Operation_
mode_DB".
OperatingModes.
Input.automatic
in_automatic
"Operation_
mode_DB".
OperatingModes.
Input.manual
in_manual
"Operation_
mode_DB".
OperatingModes.
Input.estop
in_estop
"Operation_
mode_DB".
OperatingModes.
Input.reset_
estop
in_reset_estop
"Operation_
mode_DB".
OperatingModes.
Input.error
in_error
"Operation_
mode_DB".
OperatingModes.
Input.reset_
error
in_reset_error
"Operation_
mode_DB".
OperatingModes.
Input.user_
interaction
in_user_
interaction
"Operation_
mode_DB".
OperatingModes.
Output.started
out_start
"Operation_
mode_DB".
OperatingModes.
Output.
automatic_
selected
out_
automatic_
selected
"Operation_
mode_DB".
OperatingModes.
Output.manual_
selected
out_manual_
selected
"Operation_
mode_DB".
OperatingModes.
Output.estop_
active
estop_active
"Operation_
mode_DB".
OperatingModes.
Input.warning
warning
"Operation_
mode_DB".
OperatingModes.
Output.error_
active
error_active
"Operation_
mode_DB".
OperatingModes.
Output.
automatic
out_automatic
"Operation_
mode_DB".
OperatingModes.
Output.manual
out_manual

Task3_V15 / PLC_1 [CPU 1212C AC/DC/Rly] / Program blocks

Operation_mode_DB [DB3]

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

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Setpoint	Supervision	Comment
▼ Static									
▼ OperatingModes	"OperationModes"		False	True	True	True	False		
▼ Input	Struct		False	True	True	True	False		
automatic	Bool	false	False	True	True	True	False		
manual	Bool	false	False	True	True	True	False		
start	Bool	false	False	True	True	True	False		
stop	Bool	false	False	True	True	True	False		
estop	Bool	false	False	True	True	True	False		
user_interaction	Bool	false	False	True	True	True	False		
reset_estop	Bool	false	False	True	True	True	False		
error	Bool	false	False	True	True	True	False		
warning	Bool	false	False	True	True	True	False		
reset_error	Bool	false	False	True	True	True	False		
▼ Output	Struct		False	True	True	True	False		
automatic_selected	Bool	false	False	True	True	True	False		
manual_selected	Bool	false	False	True	True	True	False		
estop_active	Bool	false	False	True	True	True	False		
started	Bool	false	False	True	True	True	False		
automatic	Bool	false	False	True	True	True	False		
manual	Bool	false	False	True	True	True	False		
error_active	Bool	false	False	True	True	True	False		

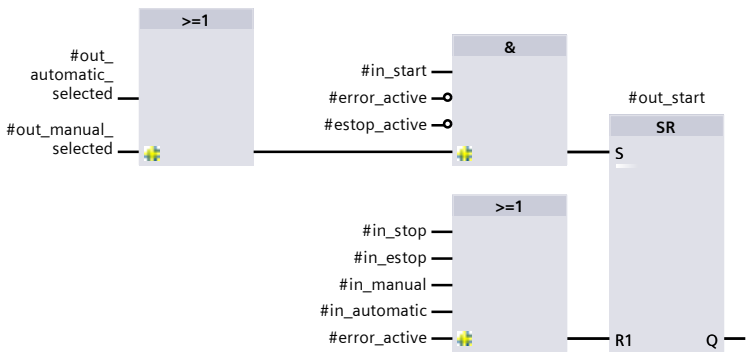
Task3_V15 / PLC_1 [CPU 1212C AC/DC/Rly] / Program blocks / Operation modes

Operation_modes [FB1]

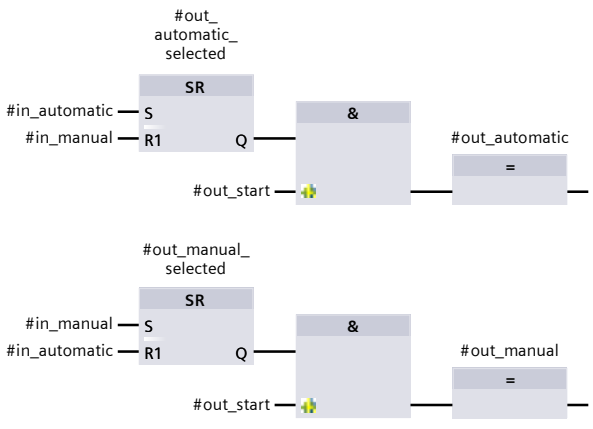
Operation_modes Properties							
General							
Name	Operation_modes	**Number**	1	**Type**	FB	**Language**	FBD
Numbering	Automatic						
Information							
Title	Operation modes	**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Retain	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Setpoint	Supervision	Comment
Input									
in_start	Bool	false	Non-retain	True	True	True	False		
in_stop	Bool	false	Non-retain	True	True	True	False		
in_automatic	Bool	false	Non-retain	True	True	True	False		
in_manual	Bool	false	Non-retain	True	True	True	False		
in_estop	Bool	false	Non-retain	True	True	True	False		
in_reset_estop	Bool	false	Non-retain	True	True	True	False		
in_error	Bool	false	Non-retain	True	True	True	False		
in_reset_error	Bool	false	Non-retain	True	True	True	False		
in_user_interaction	Bool	false	Non-retain	True	True	True	False		
Output									
out_automatic	Bool	false	Non-retain	True	True	True	False		
out_manual	Bool	false	Non-retain	True	True	True	False		
InOut									
out_start	Bool	false	Non-retain	True	True	True	False		
out_automatic_selected	Bool	false	Non-retain	True	True	True	False		
out_manual_selected	Bool	false	Non-retain	True	True	True	False		
estop_active	Bool	false	Non-retain	True	True	True	False		
warning	Bool	false	Non-retain	True	True	True	False		
error_active	Bool	false	Non-retain	True	True	True	False		
Static									
Temp									
Constant									

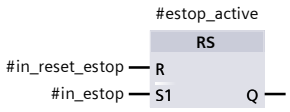
Network 1: Start/Stop operation



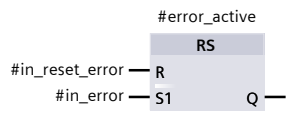
Network 2: Automatic/Manual mode



Network 3: E-Stop



Network 4: Error



Task3_V15 / PLC_1 [CPU 1212C AC/DC/Rly] / Program blocks / Operation modes

Operation_modes_DB [DB2]

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

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Setpoint	Supervision	Comment
▼ Input									
in_start	Bool	false	False	True	True	True	False		
in_stop	Bool	false	False	True	True	True	False		
in_automatic	Bool	false	False	True	True	True	False		
in_manual	Bool	false	False	True	True	True	False		
in_estop	Bool	false	False	True	True	True	False		
in_reset_estop	Bool	false	False	True	True	True	False		
in_error	Bool	false	False	True	True	True	False		
in_reset_error	Bool	false	False	True	True	True	False		
in_user_interaction	Bool	false	False	True	True	True	False		
▼ Output									
out_automatic	Bool	false	False	True	True	True	False		
out_manual	Bool	false	False	True	True	True	False		
▼ InOut									
out_start	Bool	false	False	True	True	True	False		
out_automatic_selected	Bool	false	False	True	True	True	False		
out_manual_selected	Bool	false	False	True	True	True	False		
estop_active	Bool	false	False	True	True	True	False		
warning	Bool	false	False	True	True	True	False		
error_active	Bool	false	False	True	True	True	False		
Static									

Task3_V15 / PLC_1 [CPU 1212C AC/DC/Rly] / Program blocks / System blocks / Program resources

PUT_DB [DB4]

PUT_DB Properties							
General							
Name	PUT_DB	**Number**	4	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**	SIMATIC	**Comment**		**Family**	COM_FUNC
Version	1.1	**User-defined ID**	PUT				

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Setpoint	Supervision	Comment
▼ Input									
REQ	Bool	false	False	True	True	True	False		
ID	Word	16#0	False	True	True	True	False		
▼ Output									
DONE	Bool	false	False	True	True	True	False		
ERROR	Bool	false	False	True	True	True	False		
STATUS	Word	16#0	False	True	True	True	False		
▼ InOut									
ADDR_1	Remote		False	True	True	True	False		
ADDR_2	Remote		False	True	True	True	False		
ADDR_3	Remote		False	True	True	True	False		
ADDR_4	Remote		False	True	True	True	False		
SD_1	Variant		False	False	False	False	False		
SD_2	Variant		False	False	False	False	False		
SD_3	Variant		False	False	False	False	False		
SD_4	Variant		False	False	False	False	False		
Static									

Task3_V15 / PLC_1 [CPU 1212C AC/DC/Rly] / Program blocks

Put

This folder is empty.

Task3_V15 / PLC_1 [CPU 1212C AC/DC/Rly]

Technology objects

This folder is empty.

Task3_V15 / PLC_1 [CPU 1212C AC/DC/Rly] / PLC tags / Default tag table [43]

PLC tags

PLC tags

	Name	Data type	Address	Retain	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Supervision	Comment
	System_Byte	Byte	%MB1	False	True	True	True		
	FirstScan	Bool	%M1.0	False	True	True	True		
	DiagStatusUpdate	Bool	%M1.1	False	True	True	True		
	AlwaysTRUE	Bool	%M1.2	False	True	True	True		
	AlwaysFALSE	Bool	%M1.3	False	True	True	True		
	Clock_Byte	Byte	%MB0	False	True	True	True		
	Clock_5Hz	Bool	%M0.1	False	True	True	True		
	Clock_2.5Hz	Bool	%M0.2	False	True	True	True		
	Clock_2Hz	Bool	%M0.3	False	True	True	True		
	Clock_1.25Hz	Bool	%M0.4	False	True	True	True		
	Clock_1Hz	Bool	%M0.5	False	True	True	True		
	Clock_0.625Hz	Bool	%M0.6	False	True	True	True		
	Clock_0.5Hz	Bool	%M0.7	False	True	True	True		
	Enable_Control	Bool	%M10.0	False	True	True	True		

Task3_V15 / PLC_1 [CPU 1212C AC/DC/Rly] / PLC tags / Default tag table [43]

User constants

User constants				
	Name	Data type	Value	Comment

Task3_V15 / PLC_1 [CPU 1212C AC/DC/Rly] / PLC data types

SignalLight

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

Name	Data type	Offset	Default value	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Setpoint	Comment
Segment1	Byte		16#0	True	True	True	False	
Segment2	Byte		16#0	True	True	True	False	
Segment3	Byte		16#0	True	True	True	False	
Segment4	Byte		16#0	True	True	True	False	
Segment5	Byte		16#0	True	True	True	False	
Buzzer	Byte		16#0	True	True	True	False	

Task3_V15 / PLC_1 [CPU 1212C AC/DC/Rly] / PLC data types

OperationModes

OperationModes Properties							
General							
Name	OperationModes	**Number**	2	**Type**	UDT	**Language**	
Numbering							
Information							
Title		**Author**		**Comment**		**Family**	
Version		**User-defined ID**					

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

Task3_V15 / PLC_1 [CPU 1212C AC/DC/Rly] / Watch and force tables

Force table

Name	Address	Display format	Force value	Comment

Task3_V15 / PLC_1 [CPU 1212C AC/DC/Rly] / Watch and force tables

Watch table_1

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

Task3_V15 / PLC_1 [CPU 1212C AC/DC/Rly]

Traces

Name

Task3_V15 / PLC_1 [CPU 1212C AC/DC/Rly] / Traces

Measurements

This folder is empty.

Task3_V15 / PLC_1 [CPU 1212C AC/DC/Rly] / Traces

Combined measurements

Name

Task3_V15 / PLC_1 [CPU 1212C AC/DC/Rly]

PLC alarm text lists

This folder is empty.

Task3_V15 / PLC_1 [CPU 1212C AC/DC/Rly]

Local modules

This folder is empty.

Task3_V15 / PLC_1 [CPU 1212C AC/DC/Rly] / Distributed I/O

PROFINET IO-System (100): PN/IE_1

PROFINET IO-System					
General					
IO controller:	PLC_1	**Name:**	PROFINET IO-System	**Number:**	100
Use name as extension for the PROFINET device name.	False				
Hardware identifier					
Hardware identifier	269				
Overview of addresses\Overview of addresses\Overview of addresses					
Inputs	True	**Outputs**	True	**Address gaps**	False
Slot	True				

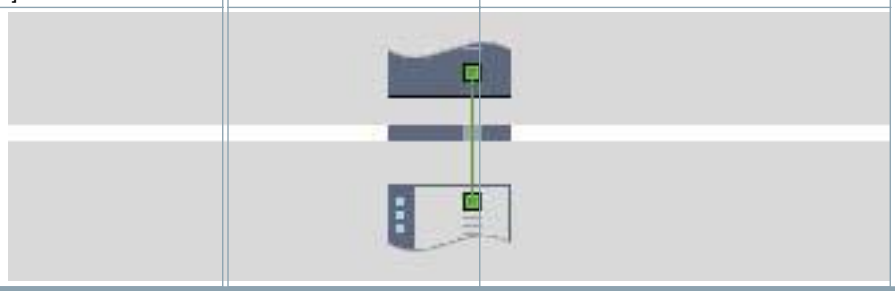
Type	Addr. from	Addr. to	Module	PIP	Device name	Device number	Size	Master / IO system	Rack	Slot
I	0	0	DI 8/DQ 6_1	Automatic update	PLC_1 [CPU 1212C AC/DC/Rly]	-	1 Bytes	-	0	1 1
O	0	0	DI 8/DQ 6_1	Automatic update	PLC_1 [CPU 1212C AC/DC/Rly]	-	1 Bytes	-	0	1 1
I	64	67	AI 2_1	Automatic update	PLC_1 [CPU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

Task3_V15

PLC_2 [CPU 1212C AC/DC/Rly]

PLC_2					
General\Project information					
Name	PLC_2	**Author**	RV	**Comment**	
Slot	1	**Rack**	0		
General\Catalog information					
Short designation	CPU 1212C AC/DC/Rly	**Description**	Work memory 75 KB; 120/240VAC power supply with DI8 x 24VDC SINK/SOURCE, DQ6 x relay and AI2 on board; 4 high-speed counters (expandable with digital signal board) and 4 pulse outputs on board; signal board expands on-board I/O; up to 3 communication modules for serial communication; up to 2 signal modules for I/O expansion; 0.04 ms/1000 instructions; PROFINET interface for programming, HMI and PLC to PLC communication	**Article number**	6ES7 212-1BE40-0XB0
Firmware version	V4.1				
General\Identification & Maintenance					
Plant designation		**Location identifier**		**Installation date**	2019-04-20 13:55:42.993
Additional information					
PROFINET interface [X1]\General					
Name	PROFINET interface_1	**Author**	RV	**Comment**	
PROFINET interface [X1]\General\Project information					
Name	DI 8/DQ 6_1	**Comment**		**Name**	AI 2_1
Comment					
PROFINET interface [X1]\Ethernet addresses\Interface networked with					
Subnet:	PN/IE_1				
PROFINET interface [X1]\Ethernet addresses\IP protocol					
IP configuration	Set IP address in the project	**IP address:**	192.168.1.107	**Subnet mask:**	255.255.255.0
Use router	False				
PROFINET interface [X1]\Ethernet addresses\PROFINET					
PROFINET device name is set directly at the device	False	**Generate PROFINET device name automatically**	True	**PROFINET device name:**	plc_2
Converted name:	plcxb2d1ad	**Device number:**	0		
PROFINET interface [X1]\Time synchronization					
Enable time synchronization via NTP server	Enable time synchronization via NTP server		IP addresses	**Server 1**	0.0.0.0
Server 2	0.0.0.0	**Server 3**	0.0.0.0	**Server 4**	0.0.0.0
Update interval	10sec				
PROFINET interface [X1]\Digital inputs\Channel0					
Channel address	I0.0	**Input filters**	6.4 millisec	**Enable pulse catch**	0
PROFINET interface [X1]\Digital inputs\Channel0					
Enable rising edge detection	0	**RidPrefixRisingEdgeEvent**	49152	**Event name:**	0
Hardware interrupt:	0	**Rising edge0**	Rising edge0		
PROFINET interface [X1]\Digital inputs\Channel0					
Enable falling edge detection	0	**RidPrefixFallingEdgeEvent**	49280	**Event name:**	0
Hardware interrupt:	0	**Falling edge0**	Falling edge0		
PROFINET interface [X1]\Digital inputs\Channel1					
Channel address	I0.1	**Input filters**	6.4 millisec	**Enable pulse catch**	0
PROFINET interface [X1]\Digital inputs\Channel1					
Enable rising edge detection	0	**RidPrefixRisingEdgeEvent**	49153	**Event name:**	0
Hardware interrupt:	0	**Rising edge1**	Rising edge1		
PROFINET interface [X1]\Digital inputs\Channel1					
Enable falling edge detection	0	**RidPrefixFallingEdgeEvent**	49281	**Event name:**	0
Hardware interrupt:	0	**Falling edge1**	Falling edge1		
PROFINET interface [X1]\Digital inputs\Channel2					
Channel address	I0.2	**Input filters**	6.4 millisec	**Enable pulse catch**	0
PROFINET interface [X1]\Digital inputs\Channel2					
Enable rising edge detection	0	**RidPrefixRisingEdgeEvent**	49154	**Event name:**	0
Hardware interrupt:	0	**Rising edge2**	Rising edge2		
PROFINET interface [X1]\Digital inputs\Channel2					
Enable falling edge detection	0	**RidPrefixFallingEdgeEvent**	49282	**Event name:**	0
Hardware interrupt:	0	**Falling edge2**	Falling edge2		
PROFINET interface [X1]\Digital inputs\Channel3					
Channel address	I0.3	**Input filters**	6.4 millisec	**Enable pulse catch**	0
PROFINET interface [X1]\Digital inputs\Channel3					
Enable rising edge detection	0	**RidPrefixRisingEdgeEvent**	49155	**Event name:**	0
Hardware interrupt:	0	**Rising edge3**	Rising edge3		
PROFINET interface [X1]\Digital inputs\Channel3					
Enable falling edge detection	0	**RidPrefixFallingEdgeEvent**	49283	**Event name:**	0
Hardware interrupt:	0	**Falling edge3**	Falling edge3		

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

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
Keep-Alive connection monitoring	30s				
PROFINET interface [X1]\Advanced options\Real time settings\IO communication					
Send clock:	1.000ms				
PROFINET interface [X1]\Advanced options\Real time settings\Real time options					
Calculated bandwidth for cyclic IO data:	0.000ms	**Calculated bandwidth for cyclic IO data:**	0.000%		
PROFINET interface [X1]\Advanced options\Port [X1 P1]\General					
Name	Port_1	**Author**	RV	**Comment**	
PROFINET interface [X1]\Advanced options\Port [X1 P1]\Port interconnection\Local port:					
Local port:	PLC_2\PROFINET interface_1 [X1]\Port_1 [X1 P1]	**Medium:**	Copper	**Cable name:**	---
					
PROFINET interface [X1]\Advanced options\Port [X1 P1]\Port interconnection\Partner port:					
	Monitoring of partner port is not possible	**Partner port:**	Any partner		
PROFINET interface [X1]\Advanced options\Port [X1 P1]\Port options\Activate					
Activate this port for use	True				
PROFINET interface [X1]\Advanced options\Port [X1 P1]\Port options\Connection					
Transmission rate / duplex:	Automatic	**Monitor**	False	**Enable autonegotiation**	True
PROFINET interface [X1]\Advanced options\Port [X1 P1]\Port options\Boundaries					
End of detection of accessible devices	False	**End of topology discovery**	False	**End of the sync domain**	False
PROFINET interface [X1]\Web server access					
Enable Web server using this interface	False	**The Web server must also be activated in the properties of the PLC.**			
High speed counters (HSC)\HSC1\General\Enable					
Enable this high speed counter	0	**Enable this high speed counter**	0	**Enable this high speed counter**	0
Enable this high speed counter	0	**Enable this high speed counter**	0	**Enable this high speed counter**	0
High speed counters (HSC)\HSC1\General\Project information					
Name	HSC_1	**Comment**		**Name**	HSC_2
Comment		**Name**	HSC_3	**Comment**	
Name	HSC_4	**Comment**		**Name**	HSC_5
Comment		**Name**	HSC_6	**Comment**	
High speed counters (HSC)\HSC1\I/O addresses\Input addresses					
Start address	1000.0	**End address**	1003.7	**Start address**	1004.0
End address	1007.7	**Organization block**	0	**Start address**	1008.0
End address	1011.7	**Organization block**	0	**Process image**	0
Start address	1012.0	**End address**	1015.7	**Organization block**	0
Process image	0	**Start address**	1016.0	**End address**	1019.7
Organization block	0	**Process image**	0	**Start address**	1020.0
End address	1023.7	**Organization block**	0	**Process image**	0
Organization block	0	**Process image**	0	**Process image**	0
Pulse generators (PTO/PWM)\PTO1/PWM1\General\Enable					
Enable this pulse generator	0	**Enable this pulse generator**	0		
Pulse generators (PTO/PWM)\PTO1/PWM1\General\Project information					
Name	Pulse_1	**Comment**		**Name**	Pulse_2
Comment					
Pulse generators (PTO/PWM)\PTO1/PWM1\I/O addresses\Output addresses					
Start address	1000.0	**End address**	1001.7	**Start address**	1002.0
End address	1003.7	**Organization block**	0	**Organization block**	0
Process image	0	**Process image**	0		
Startup					
Startup after POWER ON	Warm restart - mode before POWER OFF	**Comparison preset to actual configuration**	Startup CPU even if mismatch	**Configuration time**	60000ms
OBs should be interruptible	1				
Cycle					
Cycle monitoring time	150ms			**Enable minimum cycle time for cyclic OBs**	0
Minimum cycle time	1ms				
Communication load					
Cycle load due to communication	20%				
System and clock memory\System memory bits					
Enable the use of system memory byte	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
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_2	PROFINET interface_1	False

User interface languages	
Assign project language	**User interface languages**
English (United States)	German
English (United States)	English
English (United States)	French
English (United States)	Spanish
English (United States)	Italian
English (United States)	Chinese (simplified)

Time of day\Local time	
Time zone	(UTC +01:00) Berlin, Bern, Brussels, Rome, Stockholm, Vienna

Time of day\Daylight saving time			
Activate daylight saving time	1	**Difference between standard and daylight saving time**	60mins

Time of day\Daylight saving time\Start of daylight saving time					
Starting week of the month:	Last		Sunday	**of**	March
at	01:00 a.m.				

Time of day\Daylight saving time\Start of standard time					
	Last		Sunday	**of**	October
at	02:00 a.m.				

Protection & Security	
Level of protection	No protection

Protection & Security\Connection mechanisms	
Permit access with PUT/GET communication from remote partner	True

Configuration control\Configuration control for central configuration	
Allow to reconfigure the device via the user program	0

Connection resources\				
	Station resources - Reserved - Maximum	**Station resources - Reserved - Configured**	**Station resources - Dynamic - Configured**	**Module resources - PLC_2 [CPU 1212C AC/DC/Rly] - Configured**
Maximum number of resources:		62	6	68
	Maximum	Configured	Configured	Configured
PG communication:	4	-	-	-
HMI communication:	12	0	0	0
S7 communication:	8	2	0	2
Open user communication:	8	0	0	0
Web communication:	30	-	-	-
Other communication:	-	-	0	0
Total resources used:		2	0	2
Available resources:		60	6	66

Overview of addresses\Overview of addresses\Overview of addresses					
Inputs	True	**Outputs**	True	**Address gaps**	False
Slot	True				

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

Task3_V15 / PLC_2 [CPU 1212C AC/DC/Rly] / Program blocks

Main [OB1]

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

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

Network 1: Operation mode

%DB2
"Operation_
modes_DB"
%FB1
"Operation_modes"
EN
ENO
%DB3.DBX0.2
"Operation_
mode_DB".
OperatingModes.
Input.start
in_start
%DB3.DBX2.4
"Operation_
mode_DB".
OperatingModes.
Output.
automatic
out_automatic
%DB3.DBX0.3
"Operation_
mode_DB".
OperatingModes.
Input.stop
in_stop
%DB3.DBX2.5
"Operation_
mode_DB".
OperatingModes.
Output.manual
out_manual
%DB3.DBX0.0
"Operation_
mode_DB".
OperatingModes.
Input.automatic
in_automatic
%DB3.DBX0.1
"Operation_
mode_DB".
OperatingModes.
Input.manual
in_manual
%DB3.DBX0.4
"Operation_
mode_DB".
OperatingModes.
Input.estop
in_estop
%DB3.DBX0.6
"Operation_
mode_DB".
OperatingModes.
Input.reset_
estop
in_reset_estop
%DB3.DBX0.7
"Operation_
mode_DB".
OperatingModes.
Input.error
in_error
%DB3.DBX1.1
"Operation_
mode_DB".
OperatingModes.
Input.reset_
error
in_reset_error
%DB3.DBX0.5
"Operation_
mode_DB".
OperatingModes.
Input.user_
interaction
in_user_
interaction
%DB3.DBX2.3
"Operation_
mode_DB".
OperatingModes.
Output.started
out_start
%DB3.DBX2.0
"Operation_
mode_DB".
OperatingModes.
Output.
automatic_
selected
out_
automatic_
selected
%DB3.DBX2.1
"Operation_
mode_DB".
OperatingModes.
Output.manual_
selected
out_manual_
selected
%DB3.DBX2.2
"Operation_
mode_DB".
OperatingModes.
Output.estop_
active
estop_active
%DB3.DBX1.0
"Operation_
mode_DB".
OperatingModes.
Input.warning
warning
%DB3.DBX2.6
"Operation_
mode_DB".
OperatingModes.
Output.error_
active
error_active

Task3_V15 / PLC_2 [CPU 1212C AC/DC/Rly] / Program blocks

Operation_mode_DB [DB3]

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

Name	Data type	Offset	Start value	Retain	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Setpoint	Supervision	Comment
Static										
OperatingModes	"OperationModes"	0.0		False	True	True	True	False		
Input	Struct	0.0		False	True	True	True	False		
automatic	Bool	0.0	false	False	True	True	True	False		
manual	Bool	0.1	false	False	True	True	True	False		
start	Bool	0.2	false	False	True	True	True	False		
stop	Bool	0.3	false	False	True	True	True	False		
estop	Bool	0.4	false	False	True	True	True	False		
user_interaction	Bool	0.5	false	False	True	True	True	False		
reset_estop	Bool	0.6	false	False	True	True	True	False		
error	Bool	0.7	false	False	True	True	True	False		
warning	Bool	1.0	false	False	True	True	True	False		
reset_error	Bool	1.1	false	False	True	True	True	False		
Output	Struct	2.0		False	True	True	True	False		
automatic_selected	Bool	2.0	false	False	True	True	True	False		
manual_selected	Bool	2.1	false	False	True	True	True	False		
estop_active	Bool	2.2	false	False	True	True	True	False		
started	Bool	2.3	false	False	True	True	True	False		
automatic	Bool	2.4	false	False	True	True	True	False		
manual	Bool	2.5	false	False	True	True	True	False		
error_active	Bool	2.6	false	False	True	True	True	False		

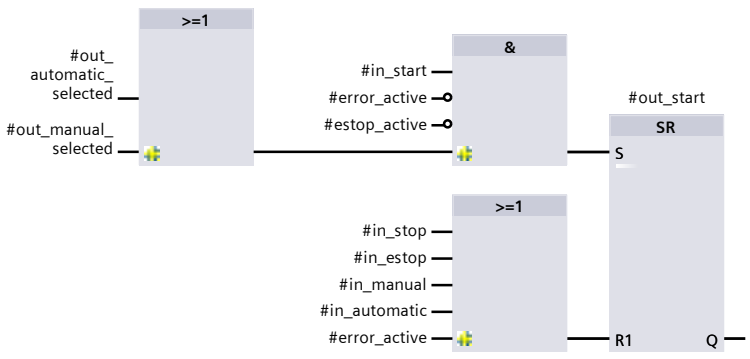
Task3_V15 / PLC_2 [CPU 1212C AC/DC/Rly] / Program blocks / Operation modes

Operation_modes [FB1]

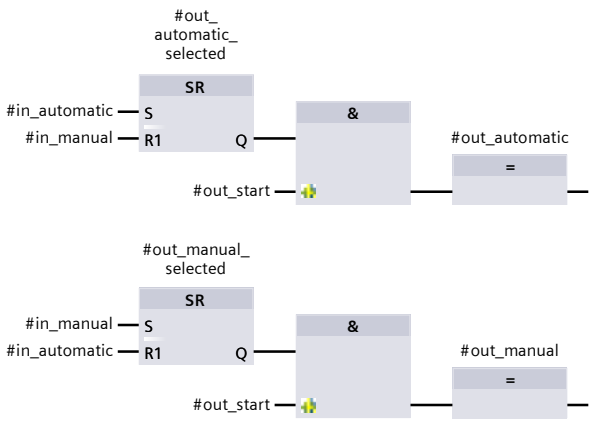
Operation_modes Properties							
General							
Name	Operation_modes	**Number**	1	**Type**	FB	**Language**	FBD
Numbering	Automatic						
Information							
Title	Operation modes	**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Retain	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Setpoint	Supervision	Comment
Input									
in_start	Bool	false	Non-retain	True	True	True	False		
in_stop	Bool	false	Non-retain	True	True	True	False		
in_automatic	Bool	false	Non-retain	True	True	True	False		
in_manual	Bool	false	Non-retain	True	True	True	False		
in_estop	Bool	false	Non-retain	True	True	True	False		
in_reset_estop	Bool	false	Non-retain	True	True	True	False		
in_error	Bool	false	Non-retain	True	True	True	False		
in_reset_error	Bool	false	Non-retain	True	True	True	False		
in_user_interaction	Bool	false	Non-retain	True	True	True	False		
Output									
out_automatic	Bool	false	Non-retain	True	True	True	False		
out_manual	Bool	false	Non-retain	True	True	True	False		
InOut									
out_start	Bool	false	Non-retain	True	True	True	False		
out_automatic_selected	Bool	false	Non-retain	True	True	True	False		
out_manual_selected	Bool	false	Non-retain	True	True	True	False		
estop_active	Bool	false	Non-retain	True	True	True	False		
warning	Bool	false	Non-retain	True	True	True	False		
error_active	Bool	false	Non-retain	True	True	True	False		
Static									
Temp									
Constant									

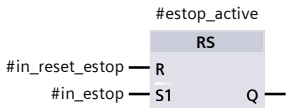
Network 1: Start/Stop operation



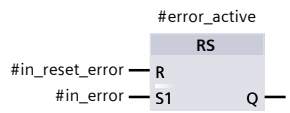
Network 2: Automatic/Manual mode



Network 3: E-Stop



Network 4: Error



Task3_V15 / PLC_2 [CPU 1212C AC/DC/Rly] / Program blocks / Operation modes

Operation_modes_DB [DB2]

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

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Setpoint	Supervision	Comment
▼ Input									
in_start	Bool	false	False	True	True	True	False		
in_stop	Bool	false	False	True	True	True	False		
in_automatic	Bool	false	False	True	True	True	False		
in_manual	Bool	false	False	True	True	True	False		
in_estop	Bool	false	False	True	True	True	False		
in_reset_estop	Bool	false	False	True	True	True	False		
in_error	Bool	false	False	True	True	True	False		
in_reset_error	Bool	false	False	True	True	True	False		
in_user_interaction	Bool	false	False	True	True	True	False		
▼ Output									
out_automatic	Bool	false	False	True	True	True	False		
out_manual	Bool	false	False	True	True	True	False		
▼ InOut									
out_start	Bool	false	False	True	True	True	False		
out_automatic_selected	Bool	false	False	True	True	True	False		
out_manual_selected	Bool	false	False	True	True	True	False		
estop_active	Bool	false	False	True	True	True	False		
warning	Bool	false	False	True	True	True	False		
error_active	Bool	false	False	True	True	True	False		
Static									

Task3_V15 / PLC_2 [CPU 1212C AC/DC/Rly]

Technology objects

This folder is empty.

Task3_V15 / PLC_2 [CPU 1212C AC/DC/Rly] / PLC tags / Default tag table [41]

PLC tags

PLC tags

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

Task3_V15 / PLC_2 [CPU 1212C AC/DC/Rly] / PLC tags / Default tag table [41]

User constants

User constants				
	Name	Data type	Value	Comment

Task3_V15 / PLC_2 [CPU 1212C AC/DC/Rly] / PLC data types

SignalLight

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

Name	Data type	Offset	Default value	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Setpoint	Comment
Segment1	Byte		16#0	True	True	True	False	
Segment2	Byte		16#0	True	True	True	False	
Segment3	Byte		16#0	True	True	True	False	
Segment4	Byte		16#0	True	True	True	False	
Segment5	Byte		16#0	True	True	True	False	
Buzzer	Byte		16#0	True	True	True	False	

Task3_V15 / PLC_2 [CPU 1212C AC/DC/Rly] / PLC data types

OperationModes

OperationModes Properties							
General							
Name	OperationModes	**Number**	2	**Type**	UDT	**Language**	
Numbering							
Information							
Title		**Author**		**Comment**		**Family**	
Version		**User-defined ID**					

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

Task3_V15 / PLC_2 [CPU 1212C AC/DC/Rly] / Watch and force tables

Force table

Name	Address	Display format	Force value	Comment

Task3_V15 / PLC_2 [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		

Task3_V15 / PLC_2 [CPU 1212C AC/DC/Rly]

Traces

Name

Task3_V15 / PLC_2 [CPU 1212C AC/DC/Rly] / Traces

Measurements

This folder is empty.

Task3_V15 / PLC_2 [CPU 1212C AC/DC/Rly] / Traces

Combined measurements

Name

Task3_V15 / PLC_2 [CPU 1212C AC/DC/Rly]

PLC alarm text lists

This folder is empty.

Task3_V15 / PLC_2 [CPU 1212C AC/DC/Rly]

Local modules

This folder is empty.

Task3_V15

HMI_1 [KTP400 Basic PN]

HMI_1	
General	
Name	HMI_1

Task3_V15 / HMI_1 [KTP400 Basic PN]

Runtime settings

General

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

Screens

Bit selection for text and graphic lists	Off	**User-defined picto-gram size**	Unchecked	**X,Y:**	64, 45

Keyboard

Use screen keyboard	Checked	**Release button on ex-it**	Unchecked	**Disable dialog win-dow function keys**	Unchecked

Alarms

Controller alarms

Buffer overflow	10 %	**Acknowledgment group text**	QGR	**Use alarm class color**	Unchecked
Use help texts for sys-tem diagnostics	Checked	**System event dura-tion**	2 Seconds	**Connection**	HMI_Connection_1

User administration

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

Language & font

Preset runtime language	English (United States)

English (United States)

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

Tag settings

Replace the separa-tors 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 '.' charac-ter if the name of the HMI tag is created from the PLC tag name**	Checked
Use '_' as the replace-ment character	Checked	**Use ';' as the replace-ment character**	Unchecked	**Replace the charac-ters '[' and ']' if the name of the HMI tag is created from the PLC tag name**	Checked
Use '{' and '}' as re-placement characters	Checked	**Use '(' and ')' as re-placement characters**	Unchecked		

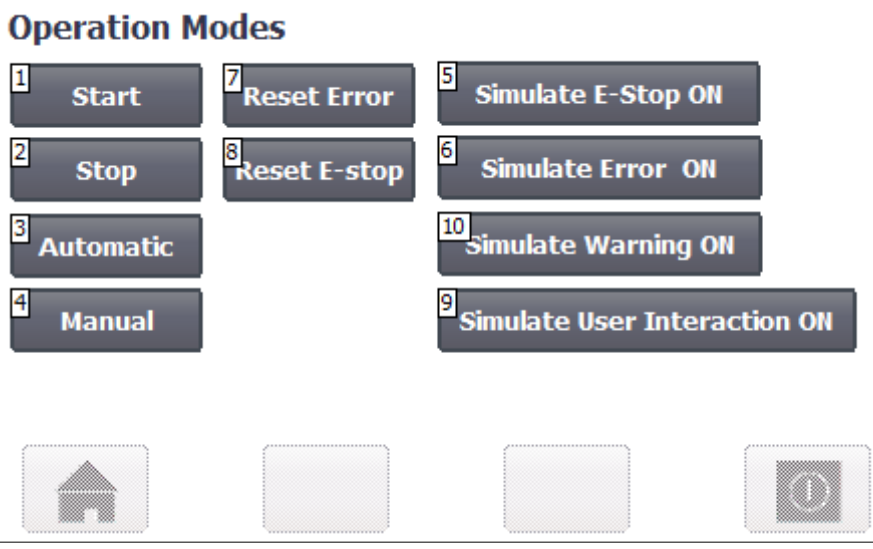
Settings for the prefix 'PLC' in the HMI tag name

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

Task3_V15 / HMI_1 [KTP400 Basic PN] / Screens

Root screen

Hardcopy of Root screen



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

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

Text field_1

Type	Text field				
General					
Text	Operation Modes				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	18	**Y position**	7	**Width**	143
Height	23	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Checked
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Unchecked		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Unchecked	**Style item appearance**			

Miscellaneous			
Name	Text field_1	**Layer**	0 - Layer_0

Button_1

Type	Button				
General					
Mode	Text	**Hotkey**	None	**Text OFF**	Start
Text ON	Text	**Text list**		**Graphic OFF**	
Graphic ON		**Graphic list**		**Process value**	
Bit number	0				
Appearance					
Background color	99, 101, 115	**Background fill pattern**	Vertical gradient	**Corner radius (border)**	3
Foreground color	255, 255, 255	**Border width**	2	**Line style**	Solid
Border color	66, 73, 82	**Border background color**	107, 105, 107		
Fill pattern					
Background color gradient (fill pattern)	99, 101, 115	**Gradient 1 (fill pattern)**	Checked	**Color gradient 1 (fill pattern)**	132, 134, 140
Offset gradient 1 (fill pattern)	15	**Gradient 2 (fill pattern)**	Checked	**Color gradient 2 (fill pattern)**	90, 89, 99
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	22	**Y position**	37	**Width**	96
Height	32	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Fit object to contents**	Unchecked	**Margin left text (layout)**	0
Margin top text (layout)	0	**Margin right text (layout)**	0	**Margin bottom text (layout)**	0
Margin left graphic (layout)	0	**Margin top graphic (layout)**	0	**Margin right graphic (layout)**	0
Margin bottom graphic (layout)	0				
Text format					
Font	Tahoma, 13px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Styles/Designs					
Use style/design	Unchecked	**Style item appearance**			
Miscellaneous					
Name	Button_1	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Checked		

Dynamizations\Event	
Event name	Press

Function list\SetBitWhileKeyPressed

Tag	in_start	**Bit**	0

Dynamizations\Appearance					
Tag - Cycle	out_started -	**Data type**	Range	**Range**	0..0
Foreground color	255, 255, 255	**Background color**	99, 101, 113	**Flashing**	No
Range	1..1	**Foreground color**	255, 255, 255	**Background color**	0, 255, 0
Flashing	No				

Button_2

Type	Button				
General					
Mode	Text	**Hotkey**	None	**Text OFF**	Stop
Text ON	Text	**Text list**		**Graphic OFF**	
Graphic ON		**Graphic list**		**Process value**	
Bit number	0				
Appearance					
Background color	99, 101, 115	**Background fill pattern**	Vertical gradient	**Corner radius (border)**	3
Foreground color	255, 255, 255	**Border width**	2	**Line style**	Solid
Border color	66, 73, 82	**Border background color**	107, 105, 107		
Fill pattern					
Background color gradient (fill pattern)	99, 101, 115	**Gradient 1 (fill pattern)**	Checked	**Color gradient 1 (fill pattern)**	132, 134, 140
Offset gradient 1 (fill pattern)	15	**Gradient 2 (fill pattern)**	Checked	**Color gradient 2 (fill pattern)**	90, 89, 99
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	22	**Y position**	74	**Width**	96

Height	32	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Fit object to contents**	Unchecked	**Margin left text (layout)**	0
Margin top text (layout)	0	**Margin right text (layout)**	0	**Margin bottom text (layout)**	0
Margin left graphic (layout)	0	**Margin top graphic (layout)**	0	**Margin right graphic (layout)**	0
Margin bottom graphic (layout)	0				
Text format					
Font	Tahoma, 13px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Styles/Designs					
Use style/design	Unchecked	**Style item appearance**			
Miscellaneous					
Name	Button_2	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Checked		

Dynamizations\Event	
Event name	Press

Function list\SetBitWhileKeyPressed

Tag	in_stop	**Bit**	0

Dynamizations\Appearance					
Tag - Cycle	out_started -	**Data type**	Range	**Range**	1..1
Foreground color	255, 255, 255	**Background color**	99, 101, 115	**Flashing**	No
Range	0..0	**Foreground color**	255, 255, 255	**Background color**	255, 0, 0
Flashing	No				

Button_3

Type	Button				
General					
Mode	Text	**Hotkey**	None	**Text OFF**	Automatic
Text ON	Text	**Text list**		**Graphic OFF**	
Graphic ON		**Graphic list**		**Process value**	
Bit number	0				
Appearance					
Background color	99, 101, 115	**Background fill pattern**	Vertical gradient	**Corner radius (border)**	3
Foreground color	255, 255, 255	**Border width**	2	**Line style**	Solid
Border color	66, 73, 82	**Border background color**	107, 105, 107		
Fill pattern					
Background color gradient (fill pattern)	99, 101, 115	**Gradient 1 (fill pattern)**	Checked	**Color gradient 1 (fill pattern)**	132, 134, 140
Offset gradient 1 (fill pattern)	15	**Gradient 2 (fill pattern)**	Checked	**Color gradient 2 (fill pattern)**	90, 89, 99
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	22	**Y position**	112	**Width**	96
Height	32	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Fit object to contents**	Unchecked	**Margin left text (layout)**	0
Margin top text (layout)	0	**Margin right text (layout)**	0	**Margin bottom text (layout)**	0
Margin left graphic (layout)	0	**Margin top graphic (layout)**	0	**Margin right graphic (layout)**	0
Margin bottom graphic (layout)	0				
Text format					
Font	Tahoma, 13px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Styles/Designs					
Use style/design	Unchecked	**Style item appearance**			
Miscellaneous					
Name	Button_3	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Checked		

Dynamizations\Event	
Event name	Press

Function list\SetBitWhileKeyPressed

Tag	in_automatic	**Bit**	0

Dynamizations\Appearance					
Tag - Cycle	out_automatic_selected -	**Data type**	Range	**Range**	0..0
Foreground color	255, 255, 255	**Background color**	99, 101, 115	**Flashing**	No
Range	1..1	**Foreground color**	255, 255, 255	**Background color**	0, 255, 0
Flashing	No				

Button_4

Type	Button				
General					
Mode	Text	**Hotkey**	None	**Text OFF**	Manual
Text ON	Text	**Text list**		**Graphic OFF**	
Graphic ON		**Graphic list**		**Process value**	
Bit number	0				
Appearance					
Background color	99, 101, 115	**Background fill pattern**	Vertical gradient	**Corner radius (border)**	3
Foreground color	255, 255, 255	**Border width**	2	**Line style**	Solid
Border color	66, 73, 82	**Border background color**	107, 105, 107		
Fill pattern					
Background color gradient (fill pattern)	99, 101, 115	**Gradient 1 (fill pattern)**	Checked	**Color gradient 1 (fill pattern)**	132, 134, 140
Offset gradient 1 (fill pattern)	15	**Gradient 2 (fill pattern)**	Checked	**Color gradient 2 (fill pattern)**	90, 89, 99
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	22	**Y position**	149	**Width**	96
Height	32	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Fit object to contents**	Unchecked	**Margin left text (layout)**	0
Margin top text (layout)	0	**Margin right text (layout)**	0	**Margin bottom text (layout)**	0
Margin left graphic (layout)	0	**Margin top graphic (layout)**	0	**Margin right graphic (layout)**	0
Margin bottom graphic (layout)	0				
Text format					
Font	Tahoma, 13px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Styles/Designs					
Use style/design	Unchecked	**Style item appearance**			
Miscellaneous					
Name	Button_4	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Checked		

Dynamizations\Event	
Event name	Press

Function list\SetBitWhileKeyPressed

Tag	in_manual	**Bit**	0

Dynamizations\Appearance					
Tag - Cycle	out_manual_selected -	**Data type**	Range	**Range**	0..0
Foreground color	255, 255, 255	**Background color**	99, 101, 115	**Flashing**	No
Range	1..1	**Foreground color**	255, 255, 255	**Background color**	0, 255, 0
Flashing	No				

Switch_1

Type	Switch				
General					
Process value		**Value status ON**	1	**Mode**	Switch with text
Text ON	Simulate E-Stop OFF	**Text OFF**	Simulate E-Stop ON	**Graphic ON**	
Graphic OFF					
Appearance					
Foreground color	255, 255, 255	**Background color**	99, 101, 115	**Inner background color ON**	247, 243, 247
Inner background color OFF	247, 243, 247	**Border width**	2	**Line style**	Solid
Border color	66, 73, 82	**Border background color**	107, 105, 107	**Corner radius**	3
Fill pattern					
Background fill pattern	Vertical gradient	**Background color gradient (fill pattern)**	99, 101, 115	**Gradient 1 (fill pattern)**	Checked
Color gradient 1 (fill pattern)	132, 134, 140	**Offset gradient 1 (fill pattern)**	15	**Gradient 2 (fill pattern)**	Checked

Color gradient 2 (fill pattern)	90, 89, 99	**Offset gradient 2 (fill pattern)**	15		
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	235	**Y position**	36	**Width**	161
Height	32	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Switch orientation**	Left to right	**Fit object to contents**	Unchecked
Margin left text (layout)	0	**Margin top text (layout)**	0	**Margin right text (layout)**	0
Margin bottom text (layout)	0	**Margin left graphic (layout)**	0	**Margin top graphic (layout)**	0
Margin right graphic (layout)	0	**Margin bottom graphic (layout)**	0		
Text format					
Font	Tahoma, 13px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Limits					
Color for High limit violated	239, 97, 99	**Color for Low limit violated**	255, 219, 41		
Styles/Designs					
Use style/design	Unchecked	**Style item appearance**			
Miscellaneous					
Name	Switch_1	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Checked		
Dynamizations\Tag connection					
Property name	Process value	**Tag**	in_e-stop		
Dynamizations\Appearance					
Tag - Cycle	out_e-stop-active -	**Data type**	Range	**Range**	0..0
Foreground color	255, 255, 255	**Background color**	99, 101, 115	**Flashing**	No
Range	1..1	**Foreground color**	255, 255, 255	**Background color**	255, 0, 0
Flashing	No				

Switch_2

Type	Switch				
General					
Process value		**Value status ON**	1	**Mode**	Switch with text
Text ON	Simulate Error OFF	**Text OFF**	Simulate Error ON	**Graphic ON**	
Graphic OFF					
Appearance					
Foreground color	255, 255, 255	**Background color**	99, 101, 115	**Inner background color ON**	247, 243, 247
Inner background color OFF	247, 243, 247	**Border width**	2	**Line style**	Solid
Border color	66, 73, 82	**Border background color**	107, 105, 107	**Corner radius**	3
Fill pattern					
Background fill pattern	Vertical gradient	**Background color gradient (fill pattern)**	99, 101, 115	**Gradient 1 (fill pattern)**	Checked
Color gradient 1 (fill pattern)	132, 134, 140	**Offset gradient 1 (fill pattern)**	15	**Gradient 2 (fill pattern)**	Checked
Color gradient 2 (fill pattern)	90, 89, 99	**Offset gradient 2 (fill pattern)**	15		
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	235	**Y position**	73	**Width**	162
Height	32	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Switch orientation**	Left to right	**Fit object to contents**	Unchecked
Margin left text (layout)	0	**Margin top text (layout)**	0	**Margin right text (layout)**	0
Margin bottom text (layout)	0	**Margin left graphic (layout)**	0	**Margin top graphic (layout)**	0
Margin right graphic (layout)	0	**Margin bottom graphic (layout)**	0		
Text format					
Font	Tahoma, 13px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Limits					
Color for High limit violated	239, 97, 99	**Color for Low limit violated**	255, 219, 41		
Styles/Designs					
Use style/design	Unchecked	**Style item appearance**			
Miscellaneous					
Name	Switch_2	**Layer**	0 - Layer_0	**Tooltip**	

Security					
Authorization		**Allow operator control**	Checked		
Dynamizations\Tag connection					
Property name	Process value	**Tag**	in_error		
Dynamizations\Appearance					
Tag - Cycle	out_error_active -	**Data type**	Range	**Range**	0..0
Foreground color	255, 255, 255	**Background color**	99, 101, 115	**Flashing**	No
Range	1..1	**Foreground color**	255, 255, 255	**Background color**	255, 0, 0
Flashing	No				

Button_5

Type	Button				
General					
Mode	Text	**Hotkey**	None	**Text OFF**	Reset Error
Text ON	Text	**Text list**		**Graphic OFF**	
Graphic ON		**Graphic list**		**Process value**	
Bit number	0				
Appearance					
Background color	99, 101, 115	**Background fill pattern**	Vertical gradient	**Corner radius (border)**	3
Foreground color	255, 255, 255	**Border width**	2	**Line style**	Solid
Border color	66, 73, 82	**Border background color**	107, 105, 107		
Fill pattern					
Background color gradient (fill pattern)	99, 101, 115	**Gradient 1 (fill pattern)**	Checked	**Color gradient 1 (fill pattern)**	132, 134, 140
Offset gradient 1 (fill pattern)	15	**Gradient 2 (fill pattern)**	Checked	**Color gradient 2 (fill pattern)**	90, 89, 99
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	128	**Y position**	37	**Width**	96
Height	32	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Fit object to contents**	Unchecked	**Margin left text (layout)**	0
Margin top text (layout)	0	**Margin right text (layout)**	0	**Margin bottom text (layout)**	0
Margin left graphic (layout)	0	**Margin top graphic (layout)**	0	**Margin right graphic (layout)**	0
Margin bottom graphic (layout)	0				
Text format					
Font	Tahoma, 13px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Styles/Designs					
Use style/design	Unchecked	**Style item appearance**			
Miscellaneous					
Name	Button_5	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Checked		

Dynamizations\Event	
Event name	Press

Function list\SetBitWhileKeyPressed

Tag	in_reset_error	**Bit**	0

Button_6

Type	Button				
General					
Mode	Text	**Hotkey**	None	**Text OFF**	Reset E-stop
Text ON	Text	**Text list**		**Graphic OFF**	
Graphic ON		**Graphic list**		**Process value**	
Bit number	0				
Appearance					
Background color	99, 101, 115	**Background fill pattern**	Vertical gradient	**Corner radius (border)**	3
Foreground color	255, 255, 255	**Border width**	2	**Line style**	Solid
Border color	66, 73, 82	**Border background color**	107, 105, 107		
Fill pattern					
Background color gradient (fill pattern)	99, 101, 115	**Gradient 1 (fill pattern)**	Checked	**Color gradient 1 (fill pattern)**	132, 134, 140
Offset gradient 1 (fill pattern)	15	**Gradient 2 (fill pattern)**	Checked	**Color gradient 2 (fill pattern)**	90, 89, 99
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	**Focus color**	148, 182, 231		

Layout					
X position	128	**Y position**	74	**Width**	96
Height	32	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Fit object to contents**	Unchecked	**Margin left text (layout)**	0
Margin top text (layout)	0	**Margin right text (layout)**	0	**Margin bottom text (layout)**	0
Margin left graphic (layout)	0	**Margin top graphic (layout)**	0	**Margin right graphic (layout)**	0
Margin bottom graphic (layout)	0				
Text format					
Font	Tahoma, 13px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Styles/Designs					
Use style/design	Unchecked	**Style item appearance**			
Miscellaneous					
Name	Button_6	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Checked		

Dynamizations\Event	
Event name	Press

Function list\SetBitWhileKeyPressed

Tag	in_reset_e-stop	**Bit**	0

Switch_3

Type	Switch				
General					
Process value		**Value status ON**	1	**Mode**	Switch with text
Text ON	Simulate User Interaction OFF	**Text OFF**	Simulate User Interaction ON	**Graphic ON**	
Graphic OFF					
Appearance					
Foreground color	255, 255, 255	**Background color**	99, 101, 115	**Inner background color ON**	247, 243, 247
Inner background color OFF	247, 243, 247	**Border width**	2	**Line style**	Solid
Border color	66, 73, 82	**Border background color**	107, 105, 107	**Corner radius**	3
Fill pattern					
Background fill pattern	Vertical gradient	**Background color gradient (fill pattern)**	99, 101, 115	**Gradient 1 (fill pattern)**	Checked
Color gradient 1 (fill pattern)	132, 134, 140	**Offset gradient 1 (fill pattern)**	15	**Gradient 2 (fill pattern)**	Checked
Color gradient 2 (fill pattern)	90, 89, 99	**Offset gradient 2 (fill pattern)**	15		
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	235	**Y position**	149	**Width**	209
Height	32	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Switch orientation**	Left to right	**Fit object to contents**	Unchecked
Margin left text (layout)	0	**Margin top text (layout)**	0	**Margin right text (layout)**	0
Margin bottom text (layout)	0	**Margin left graphic (layout)**	0	**Margin top graphic (layout)**	0
Margin right graphic (layout)	0	**Margin bottom graphic (layout)**	0		
Text format					
Font	Tahoma, 13px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Limits					
Color for High limit violated	239, 97, 99	**Color for Low limit violated**	255, 219, 41		
Styles/Designs					
Use style/design	Unchecked	**Style item appearance**			
Miscellaneous					
Name	Switch_3	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Checked		
Dynamizations\Tag connection					
Property name	Process value	**Tag**	in_user_interaction		
Dynamizations\Appearance					
Tag - Cycle	in_user_interaction -	**Data type**	Range	**Range**	0..0
Foreground color	255, 255, 255	**Background color**	99, 101, 115	**Flashing**	No
Range	1..1	**Foreground color**	255, 255, 255	**Background color**	49, 101, 255

Flashing	No

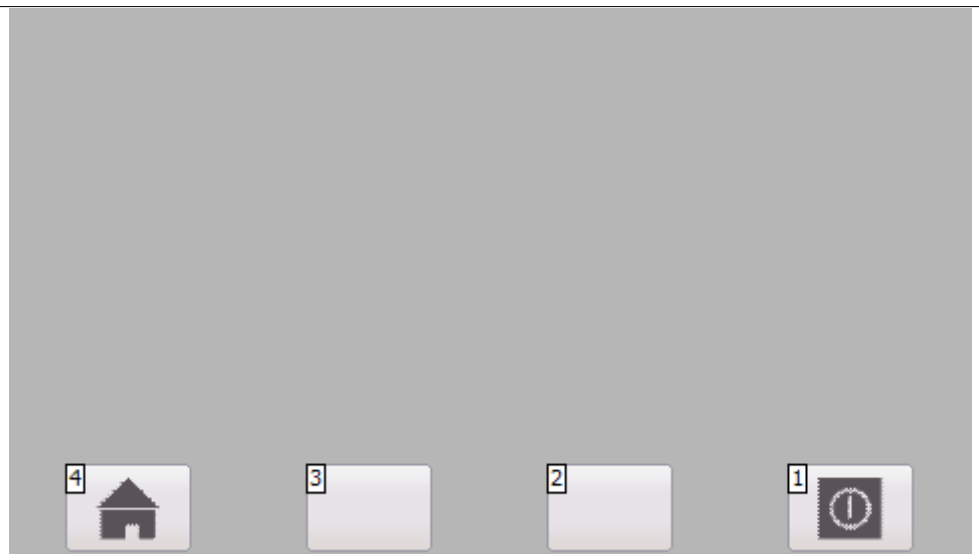
Switch_4

Type	Switch				
General					
Process value		**Value status ON**	1	**Mode**	Switch with text
Text ON	Simulate Warning OFF	**Text OFF**	Simulate Warning ON	**Graphic ON**	
Graphic OFF					
Appearance					
Foreground color	255, 255, 255	**Background color**	99, 101, 115	**Inner background color ON**	247, 243, 247
Inner background color OFF	247, 243, 247	**Border width**	2	**Line style**	Solid
Border color	66, 73, 82	**Border background color**	107, 105, 107	**Corner radius**	3
Fill pattern					
Background fill pattern	Vertical gradient	**Background color gradient (fill pattern)**	99, 101, 115	**Gradient 1 (fill pattern)**	Checked
Color gradient 1 (fill pattern)	132, 134, 140	**Offset gradient 1 (fill pattern)**	15	**Gradient 2 (fill pattern)**	Checked
Color gradient 2 (fill pattern)	90, 89, 99	**Offset gradient 2 (fill pattern)**	15		
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	235	**Y position**	111	**Width**	162
Height	32	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Switch orientation**	Left to right	**Fit object to contents**	Unchecked
Margin left text (layout)	0	**Margin top text (layout)**	0	**Margin right text (layout)**	0
Margin bottom text (layout)	0	**Margin left graphic (layout)**	0	**Margin top graphic (layout)**	0
Margin right graphic (layout)	0	**Margin bottom graphic (layout)**	0		
Text format					
Font	Tahoma, 13px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Limits					
Color for High limit violated	239, 97, 99	**Color for Low limit violated**	255, 219, 41		
Styles/Designs					
Use style/design	Unchecked	**Style item appearance**			
Miscellaneous					
Name	Switch_4	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Checked		
Dynamizations\Tag connection					
Property name	Process value	**Tag**	in_warning		
Dynamizations\Appearance					
Tag - Cycle	in_warning -	**Data type**	Range	**Range**	0..0
Foreground color	255, 255, 255	**Background color**	99, 101, 115	**Flashing**	No
Range	1..1	**Foreground color**	255, 255, 255	**Background color**	255, 154, 0
Flashing	No				

Task3_V15 / HMI_1 [KTP400 Basic PN] / Screen management / Templates

Template_1

Hardcopy of Template_1



General					
Name	Template_1	**Background color**	181, 182, 181	**Grid color**	0, 0, 0
Tab sequence in foreground	Checked				
Layers					
Active layer	0				

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

Template_Button

Type	Button				
General					
Mode	Graphic	**Hotkey**	None	**Text OFF**	ExitRuntime
Text ON	ExitRuntime	**Text list**		**Graphic OFF**	ExitRuntime_KTP400_Basic_PN_TR
Graphic ON	ExitRuntime_KTP400_Basic_PN_TR	**Graphic list**		**Process value**	
Bit number	0				
Appearance					
Background color	239, 235, 239	**Background fill pattern**	Vertical gradient	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	1	**Line style**	Solid
Border color	156, 154, 165	**Border background color**	107, 105, 107		
Fill pattern					
Background color gradient (fill pattern)	231, 227, 231	**Gradient 1 (fill pattern)**	Checked	**Color gradient 1 (fill pattern)**	247, 247, 247
Offset gradient 1 (fill pattern)	15	**Gradient 2 (fill pattern)**	Checked	**Color gradient 2 (fill pattern)**	222, 215, 214
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	**Focus color**	148, 182, 231		

Layout					
X position	388	**Y position**	227	**Width**	63
Height	44	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Fit object to contents**	Unchecked	**Margin left text (layout)**	0
Margin top text (layout)	0	**Margin right text (layout)**	0	**Margin bottom text (layout)**	0
Margin left graphic (layout)	0	**Margin top graphic (layout)**	0	**Margin right graphic (layout)**	0
Margin bottom graphic (layout)	0				
Text format					
Font	Tahoma, 13px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Styles/Designs					
Use style/design	Unchecked	**Style item appearance**			
Miscellaneous					
Name	Template_Button	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Checked		

Dynamizations\Event	
Event name	Release

Function list\StopRuntime

Mode	Runtime

Template_Button_1

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

Template_Button_2

Type	Button				
General					
Mode	Text	**Hotkey**	None	**Text OFF**	
Text ON		**Text list**		**Graphic OFF**	
Graphic ON		**Graphic list**		**Process value**	
Bit number	0				

Appearance					
Background color	239, 235, 239	**Background fill pattern**	Vertical gradient	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	1	**Line style**	Solid
Border color	156, 154, 165	**Border background color**	107, 105, 107		
Fill pattern					
Background color gradient (fill pattern)	231, 227, 231	**Gradient 1 (fill pattern)**	Checked	**Color gradient 1 (fill pattern)**	247, 247, 247
Offset gradient 1 (fill pattern)	15	**Gradient 2 (fill pattern)**	Checked	**Color gradient 2 (fill pattern)**	222, 215, 214
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	148	**Y position**	227	**Width**	63
Height	44	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Fit object to contents**	Unchecked	**Margin left text (layout)**	0
Margin top text (layout)	0	**Margin right text (layout)**	0	**Margin bottom text (layout)**	0
Margin left graphic (layout)	0	**Margin top graphic (layout)**	0	**Margin right graphic (layout)**	0
Margin bottom graphic (layout)	0				
Text format					
Font	Tahoma, 13px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Styles/Designs					
Use style/design	Unchecked	**Style item appearance**			
Miscellaneous					
Name	Template_Button_2	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Checked		

Template_Button_3

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

Dynamizations\Event	
Event name	Release

Function list\ActivateScreen

Screen name	Root screen	**Object number**	0

Task3_V15 / HMI_1 [KTP400 Basic PN] / Screen management

Global screen

Hardcopy of Global screen

General					
Name	Global screen	**Background color**	181, 182, 181	**Grid color**	0, 0, 0

Task3_V15 / HMI_1 [KTP400 Basic PN] / HMI tags

Default tag table [17]

in_automatic

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

in_manual

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

in_start

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

in_stop

General					
Name	in_stop	**Connection**	HMI_Connection_1	**Data type**	Bool
Array elements	0	**Length**	1	**Address**	
Access mode	<symbolic access>	**PLC tag**	Operation_mode_DB.OperatingModes.Input.stop	**Coding**	Binary
PLC name	PLC_1				
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			

Linear scaling					
Linear scaling	Unchecked	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		
Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Unchecked	**Index tag**			

in_e-stop

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

in_user_interaction

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

in_reset_e-stop

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

in_error

General					
Name	in_error	**Connection**	HMI_Connection_1	**Data type**	Bool
Array elements	0	**Length**	1	**Address**	

Access mode	<symbolic access>	**PLC tag**	Operation_mode_DB.OperatingModes.Input.error	**Coding**	Binary
PLC name	PLC_1				
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Unchecked	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		
Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Unchecked	**Index tag**			

in_warning

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

in_reset_error

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

out_automatic_selected

General					
Name	out_automatic_selected	**Connection**	HMI_Connection_1	**Data type**	Bool
Array elements	0	**Length**	1	**Address**	
Access mode	<symbolic access>	**PLC tag**	Operation_mode_DB.OperatingModes.Output.automatic_selected	**Coding**	Binary
PLC name	PLC_1				
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Unchecked	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		
Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			

Multiplexing			
Multiplexing	Unchecked	**Index tag**	

out_manual_selected

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

out_e-stop-active

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

out_started

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

out_automatic

General					
Name	out_automatic	**Connection**	HMI_Connection_1	**Data type**	Bool
Array elements	0	**Length**	1	**Address**	
Access mode	<symbolic access>	**PLC tag**	Operation_mode_DB.OperatingModes.Output.automatic	**Coding**	Binary
PLC name	PLC_1				
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Unchecked	**PLC value range end value**	10	**PLC value range start value**	0

HMI device value range end value	100	**HMI device value range start value**	0		
Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Unchecked	**Index tag**			

out_manual

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

out_error_active

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

Task3_V15 / HMI_1 [KTP400 Basic PN]

Connections

HMI_Connection_1

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

Parameter

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

Task3_V15 / HMI_1 [KTP400 Basic PN] / HMI alarms

Discrete alarms

This folder is empty.

Task3_V15 / HMI_1 [KTP400 Basic PN] / HMI alarms

Analog alarms

This folder is empty.

Task3_V15 / HMI_1 [KTP400 Basic PN] / HMI alarms

Alarm groups

Alarm_group_1

General			
Name	Alarm_group_1	**ID**	1

Alarm_group_10

General			
Name	Alarm_group_10	**ID**	10

Alarm_group_11

General			
Name	Alarm_group_11	**ID**	11

Alarm_group_12

General			
Name	Alarm_group_12	**ID**	12

Alarm_group_13

General			
Name	Alarm_group_13	**ID**	13

Alarm_group_14

General			
Name	Alarm_group_14	**ID**	14

Alarm_group_15

General			
Name	Alarm_group_15	**ID**	15

Alarm_group_16

General			
Name	Alarm_group_16	**ID**	16

Alarm_group_2

General			
Name	Alarm_group_2	**ID**	2

Alarm_group_3

General			
Name	Alarm_group_3	**ID**	3

Alarm_group_4

General			
Name	Alarm_group_4	**ID**	4

Alarm_group_5

General			
Name	Alarm_group_5	**ID**	5

Alarm_group_6

General			
Name	Alarm_group_6	**ID**	6

Alarm_group_7

General			
Name	Alarm_group_7	**ID**	7

Alarm_group_8

General			
Name	Alarm_group_8	**ID**	8

Alarm_group_9

General			
Name	Alarm_group_9	**ID**	9

Task3_V15 / HMI_1 [KTP400 Basic PN] / HMI alarms

Alarm classes

Acknowledgement

General					
Name	Acknowledgement	**Display name**	A	**ID**	33
Common alarm class	Acknowledgement	**Alarm log**	<No log>		
Acknowledgment					
State machine	Alarm with single-mode 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

Task3_V15 / HMI_1 [KTP400 Basic PN] / HMI alarms

System events

This folder is empty.

Task3_V15 / HMI_1 [KTP400 Basic PN]

Recipes

This folder is empty.

Task3_V15 / HMI_1 [KTP400 Basic PN] / Historical data

Datalogs

This folder is empty.

Task3_V15 / HMI_1 [KTP400 Basic PN] / Historical data

AlarmLogs

This folder is empty.

Task3_V15 / HMI_1 [KTP400 Basic PN]

Scheduled tasks

This folder is empty.

Task3_V15 / HMI_1 [KTP400 Basic PN] / Text and graphic lists

Text lists

This folder is empty.

Task3_V15 / HMI_1 [KTP400 Basic PN] / Text and graphic lists

Graphic lists

This folder is empty.

Task3_V15 / HMI_1 [KTP400 Basic PN] / User administration

User

Administrator

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

Task3_V15 / HMI_1 [KTP400 Basic PN] / User administration

Groups

Administrator group

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

Task3_V15 / HMI_1 [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 in-rRuntime.				

Task3_V15

Ungrouped devices

This folder is empty.

Task3_V15

Security settings

This folder is empty.

Task3_V15 / Common data

Alarm classes

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

Task3_V15 / Common data

Logs

This folder is empty.

Task3_V15 / Common data

Styles

This folder is empty.

Task3_V15 / Languages & resources

Project languages

Languages
Reference language
English (United States)

Editing language
English (United States)

Other project languages
Empty

Task3_V15 / Languages & resources / Project texts

Project texts

Project texts		
English (United States)	**Category**	**Reference**
	Other text category	Task3_V15\Comment
	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screen management\Templates\Template_1\Template_Button_1\Text OFF
	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screen management\Templates\Template_1\Template_Button_1\Text ON
	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screen management\Templates\Template_1\Template_Button_2\Text OFF
	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screen management\Templates\Template_1\Template_Button_2\Text ON
	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Warnings\alarmclass name not set_1\AlarmClassData_IDisplayNaming_DisplayName
	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Acknowledgement\alarmclass name not set_5\AlarmClassData_IDisplayNaming_DisplayName
	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\No Acknowledgement\alarmclass name not set_6\AlarmClassData_IDisplayNaming_DisplayName
!	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Errors\alarmclass name not set\AlarmClassData_IDisplayNaming_DisplayName
!!	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Safety warnings\alarmclass name not set_4\AlarmClassData_IDisplayNaming_DisplayName
"Main Program Sweep (Cycle)"	Block comment	Task3_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Main [OB1]\Block title
"Main Program Sweep (Cycle)"	Block comment	Task3_V15\PLC_2 [CPU 1212C AC/DC/Rly]\Program blocks\Main [OB1]\Block title
$	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\System\alarmclass name not set_2\AlarmClassData_IDisplayNaming_DisplayName
=True, if remanent data are available	Block comment	Task3_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Main [OB1]\Remanence
=True, if remanent data are available	Block comment	Task3_V15\PLC_2 [CPU 1212C AC/DC/Rly]\Program blocks\Main [OB1]\Remanence
A	Alarm class text	Task3_V15\Acknowledgement\AlarmClassData_IDisplayNaming_DisplayName
A	Alarm class text	Task3_V15\Acknowledgement\ShortName
A	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Errors\AcknowledgedText
A	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Warnings\AcknowledgedText
A	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\System\AcknowledgedText
A	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Diagnosis events\AcknowledgedText
A	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Safety warnings\AcknowledgedText
A	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Acknowledgement\AcknowledgedText
A	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\No Acknowledgement\AcknowledgedText
Administrator group	HMI runtime	Task3_V15\HMI_1 [KTP400 Basic PN]\User administration\Administrator group\DisplayName
Authorization 'User administration' for managing users in the user view inrRuntime.	HMI comment	Task3_V15\HMI_1 [KTP400 Basic PN]\User administration\User administration\Comment
Automatic	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Button_3\Text OFF
Automatic/Manual mode	Block comment	Task3_V15\PLC_2 [CPU 1212C AC/DC/Rly]\Program blocks\Operation modes\Operation_modes [FB1]\Network 2\Title
Automatic/Manual mode	Block comment	Task3_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Operation modes\Operation_modes [FB1]\Network 2\Title
command value	Block comment	Task3_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 11\Comment
command value	Block comment	Task3_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 1\Comment
command value	Block comment	Task3_V15\PLC_2 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 1\Comment
command value	Block comment	Task3_V15\PLC_2 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 11\Comment
Error	Block comment	Task3_V15\PLC_2 [CPU 1212C AC/DC/Rly]\Program blocks\Operation modes\Operation_modes [FB1]\Network 4\Title
Error	Block comment	Task3_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Operation modes\Operation_modes [FB1]\Network 4\Title
E-Stop	Block comment	Task3_V15\PLC_2 [CPU 1212C AC/DC/Rly]\Program blocks\Operation modes\Operation_modes [FB1]\Network 3\Title
E-Stop	Block comment	Task3_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Operation modes\Operation_modes [FB1]\Network 3\Title
ExitRuntime	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screen management\Templates\Template_1\Template_Button\Text OFF
ExitRuntime	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screen management\Templates\Template_1\Template_Button\Text ON
I	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Errors\ComingText
I	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Warnings\ComingText
I	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\System\ComingText
I	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Diagnosis events\ComingText
I	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Safety warnings\ComingText
I	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Acknowledgement\ComingText
I	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\No Acknowledgement\ComingText
Initial call of this OB	Block comment	Task3_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Main [OB1]\Initial_Call
Initial call of this OB	Block comment	Task3_V15\PLC_2 [CPU 1212C AC/DC/Rly]\Program blocks\Main [OB1]\Initial_Call
IO	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Errors\ComingGoingText
IO	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Warnings\ComingGoingText
IO	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\System\ComingGoingText
IO	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Diagnosis events\ComingGoingText
IO	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Safety warnings\ComingGoingText
IO	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Acknowledgement\ComingGoingText
IO	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\No Acknowledgement\ComingGoingText
Manual	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Button_4\Text OFF
Monitor	HMI runtime	Task3_V15\HMI_1 [KTP400 Basic PN]\User administration\Monitor\ShortName
'Monitor' authorization.	HMI comment	Task3_V15\HMI_1 [KTP400 Basic PN]\User administration\Monitor\Comment
NA	Alarm class text	Task3_V15\No Acknowledgement\AlarmClassData_IDisplayNaming_DisplayName

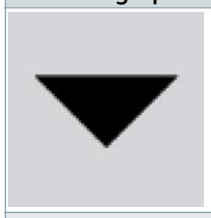
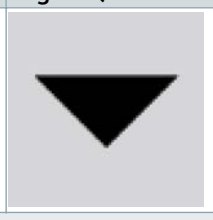
English (United States)	Category	Reference
NA	Alarm class text	Task3_V15\No Acknowledgement\ShortName
NavigateHome	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screen management\Templates\Template_1\Template_Button_3\Text OFF
NavigateHome	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screen management\Templates\Template_1\Template_Button_3\Text ON
O	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Errors\GoingText
O	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Warnings\GoingText
O	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\System\GoingText
O	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Diagnosis events\GoingText
O	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Safety warnings\GoingText
O	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Acknowledgement\GoingText
O	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\No Acknowledgement\GoingText
Operate	HMI runtime	Task3_V15\HMI_1 [KTP400 Basic PN]\User administration\Operate\ShortName
'Operate' authorization.	HMI comment	Task3_V15\HMI_1 [KTP400 Basic PN]\User administration\Operate\Comment
operation command	Block comment	Task3_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 12\Comment
operation command	Block comment	Task3_V15\PLC_2 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 12\Comment
Operation mode	Block comment	Task3_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Main [OB1]\Network 2\Title
Operation mode	Block comment	Task3_V15\PLC_2 [CPU 1212C AC/DC/Rly]\Program blocks\Main [OB1]\Network 1\Title
Operation modes	Block comment	Task3_V15\PLC_2 [CPU 1212C AC/DC/Rly]\Program blocks\Operation modes\Operation_modes [FB1]\Block title
Operation modes	Block comment	Task3_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Operation modes\Operation_modes [FB1]\Block title
Operation Modes	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Text field_1\Text
Put in PLC_2	Block comment	Task3_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Main [OB1]\Network 1\Title
Operation Modes	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Text field_1\Text
Put in PLC_2	Block comment	Task3_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Main [OB1]\Network 1\Title
QGR	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\Runtime settings\HmiAlarmSettingsData\AcknowledgementGroupText
read value 0	Block comment	Task3_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 3\Comment
read value 0	Block comment	Task3_V15\PLC_2 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 3\Comment
read value 1	Block comment	Task3_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 4\Comment
read value 1	Block comment	Task3_V15\PLC_2 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 4\Comment
read value 2	Block comment	Task3_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 5\Comment
read value 2	Block comment	Task3_V15\PLC_2 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 5\Comment
read value 3	Block comment	Task3_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 6\Comment
read value 3	Block comment	Task3_V15\PLC_2 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 6\Comment
Reset Error	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Button_5\Text OFF
Reset E-stop	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Button_6\Text OFF
S7	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Diagnosis events\alarmclass name not set_3\AlarmClassData_IDisplayNaming_DisplayName
Simulate Error ON	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Switch_2\Text OFF
Simulate Error OFF	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Switch_2\Text ON
Simulate E-Stop OFF	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Switch_1\Text ON
Simulate E-Stop ON	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Switch_1\Text OFF
Simulate User Interaction OFF	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Switch_3\Text ON
Simulate User Interaction ON	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Switch_3\Text OFF
Simulate Warning OFF	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Switch_4\Text ON
Simulate Warning ON	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Switch_4\Text OFF
Start	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Button_1\Text OFF
Start/Stop operation	Block comment	Task3_V15\PLC_2 [CPU 1212C AC/DC/Rly]\Program blocks\Operation modes\Operation_modes [FB1]\Network 1\Title
Start/Stop operation	Block comment	Task3_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Operation modes\Operation_modes [FB1]\Network 1\Title
status	Block comment	Task3_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 2\Comment
status	Block comment	Task3_V15\PLC_2 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 2\Comment
Stop	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Button_2\Text OFF
Switch	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Switch_1\Caption text
Switch	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Switch_2\Caption text
Switch	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Switch_3\Caption text
Switch	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Switch_4\Caption text
Text	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Button_1\Text ON
Text	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Button_2\Text ON
Text	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Button_3\Text ON
Text	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Button_4\Text ON
Text	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Button_5\Text ON
Text	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Button_6\Text ON
The 'Administrator' group is initially granted all rights.	HMI comment	Task3_V15\HMI_1 [KTP400 Basic PN]\User administration\Administrator group\Comment
The user 'Administrator' is assigned to the 'Administrator' group.	HMI comment	Task3_V15\HMI_1 [KTP400 Basic PN]\User administration\Administrator\Comment
The 'Users' group is initially granted 'Operating' rights.	HMI comment	Task3_V15\HMI_1 [KTP400 Basic PN]\User administration\Users\Comment
User administration	HMI runtime	Task3_V15\HMI_1 [KTP400 Basic PN]\User administration\User administration\ShortName
Users	HMI runtime	Task3_V15\HMI_1 [KTP400 Basic PN]\User administration\Users\DisplayName
write value 0	Block comment	Task3_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 13\Comment
write value 0	Block comment	Task3_V15\PLC_2 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 13\Comment

English (United States)	Category	Reference
write value 1	Block comment	Task3_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 14\Comment
write value 1	Block comment	Task3_V15\PLC_2 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 14\Comment
write value 2	Block comment	Task3_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 15\Comment
write value 2	Block comment	Task3_V15\PLC_2 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 15\Comment
write value 3	Block comment	Task3_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 16\Comment
write value 3	Block comment	Task3_V15\PLC_2 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 16\Comment

Task3_V15 / Languages & resources

Project graphics

Down_Arrow

Standard graphic	English (United States)
	
Dithering mode	
Same color	Same color
Smoothing	
Unchecked	Unchecked

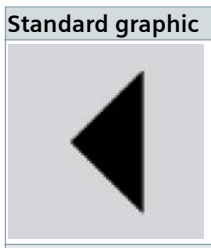
ExitRuntime_KTP400_Basic_PN_TR

Standard graphic	English (United States)
Dithering mode	
Same color	Same color
Smoothing	
Unchecked	Unchecked

Home

Standard graphic	English (United States)
Dithering mode	
Same color	Same color
Smoothing	
Unchecked	Unchecked

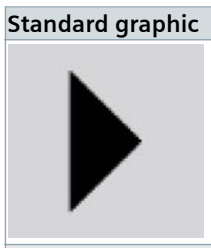
Left_Arrow

Standard graphic	English (United States)
	
Dithering mode	
Same color	Same color
Smoothing	
Unchecked	Unchecked

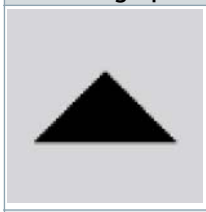
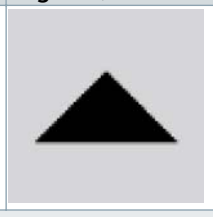
NavigateHome_KTP400_Basic_PN_TR

Standard graphic	English (United States)
Dithering mode	
Same color	Same color
Smoothing	
Unchecked	Unchecked

Right_Arrow

Standard graphic	English (United States)
	
Dithering mode	
Same color	Same color
Smoothing	
Unchecked	Unchecked

Up_Arrow

Standard graphic	English (United States)
	
Dithering mode	
Same color	Same color
Smoothing	
Unchecked	Unchecked