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Task3_V15

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	RV	Version:			•		
by:							
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		

installation path of the TIA Fortal	D. II Togram The.	SISIEMENSIAUTOMATOMAT VIO
Components		
Name	Version	Release
TIA Portal Multiuser Server V14 - TIA Portal Multiuser Server Single Setup-	V14.0 + SP1	V14.00.01.00_12.01.00.01
Package V14.0 SP1 (MUSERVERV14)		
TIA Portal Multiuser Server V15 - TIA Portal Multiuser Server Single Setup-	V15.0	V15.00.00.00_26.01.00.01
Package V15.0 (MUSERVERV15)	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	V01 00 00 00 01 25 00 02
TIA Administrator - AWB Licensing Module V1.0 (TIAADMIN)	V1.0	V01.00.00.00_01.25.00.02
TIA Administrator - AWB Software Management V1.0 (TIAADMIN)	V1.0	V01.00.00.00_01.25.00.02
TIA Administrator - TIA UMC Agent Configurator Module V1.0 (TIAADMIN)	V1.0	V01.00.00.00_01.25.00.02
TIA Administrator - TIA Administrator V1.0 (TIAADMIN)	V1.0	V01.00.00.00_01.25.00.02
Totally Integrated Automation Portal V15 - TIA Portal Single SetupPackage V15.0 (TIAP15)	V15.0	V15.00.00.00_26.01.00.01
Siemens Totally Integrated Automation Portal V15 - HM All Editions Single SetupPackage V15.0 (TIAP15)	V15.0	V15.00.00.00_26.01.00.01
Siemens Totally Integrated Automation Portal V15 - HM NoBasic Single SetupPackage V15.0 (TIAP15)	V15.0	V15.00.00.00_26.01.00.01
Siemens Totally Integrated Automation Portal V15 - Hardware Support Base	V15.0	V15.00.00.00_01.01.00.02
Package 0 V15.0 (TIAP15) Siemens Totally Integrated Automation Portal V15 - Multiuser Client Single	V15.0	V15.00.00.00_26.01.00.01
SetupPackage V15.0 (TIAP15) Siemens Totally Integrated Automation Portal V15 - STEP 7 Single Setup-	V15.0	V15.00.00.00_26.01.00.01
Package V15.0 (TIAP15) Siemens Totally Integrated Automation Portal V15 - Hardware Support Base	V15.0	V15.00.00.00_01.01.00.02
Package 02 V15.0 (TIAP15) Siemens Totally Integrated Automation Portal V15 - Hardware Support Base	V15.0	V15.00.00.00_01.01.00.02
Package 03 V15.0 (TIAP15) Siemens Totally Integrated Automation Portal V15 - Hardware Support Base	V15.0	V15.00.00.00_01.01.00.02
Package 04 V15.0 (TIAP15) Siemens Totally Integrated Automation Portal V15 - Support Base Package	V15.0	V15.00.00.00_01.01.00.02
TO-01 V15.0 (TIAP15) Siemens Totally Integrated Automation Portal V15 - Support Base Package		V15.00.00.00_01.01.00.02
TO-02 V15.0 (TIAP15) Siemens Totally Integrated Automation Portal V15 - Hardware Support Base		V15.00.00.00_01.01.00.02
Package WCF-01 V15.0 (TIAP15) Siemens Totally Integrated Automation Portal V15 - TIACOMPCHECK Single		V15.00.00.00_26.01.00.01
SetupPackage V15.0 (TIAP15)	V15.0	V15.00.00.00_26.01.00.01
Package V15.0 (TIAP15)		
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 SetupPackage 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)		V15.00.00.00_26.01.00.01
Siemens Totally Integrated Automation Portal V15 - WinCC Transfer Current CAP Single SetupPackage V15.0 (TIAP15)		V15.00.00.00_26.01.00.01
Siemens Totally Integrated Automation Portal V15 - WinCC Transfer Mandatory 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 SetupPackage V15.0 (HMIRTM_V11)	V15.0	V15.00.00.00_26.01.00.01
SIMATIC S7-PLCSIM (S7_PLCSIM_V13)	V13.0 + SP1 + Upd1	V13.00.01.01_01.75.00.01
Siemens Totally Integrated Automation Portal V13 - SIMATIC S7-PLCSIM V13.0 + SP1 + Upd1 (S7_PLCSIM_V13)	V13.0 + SP1 + Upd1	V13.00.01.01_01.75.00.01
Siemens Totally Integrated Automation Portal V15 - Simatic Single Setup- Package 32 Bit V15.0 (TIAP15)	V15.0	V15.00.00.00_26.01.00.01
Siemens Totally Integrated Automation Portal V15 - WinCC Single Setup- Package 32 Bit V15.0 (TIAP15)	V15.0	V15.00.00.00_26.01.00.01
SIMATIC HMI License Manager Panel Plugin (x64)	15.0.0.0	V15.00.00.00_26.01.00.01
SIMATIC WinCC Runtime Advanced Driver (x64)	15.0.0.0	V15.00.00.00_26.01.00.01
SIMATIC NCM FWL 64	5.6.0.3	K5.6.0.3_1.1.0.2
NCM GPRS 64	01.02.00.00	V1.2.0.0_2.1.0.1
SIMATIC PLCSIM 64	14.00	14.00.00.00_29.01.00.01
PlcSimPlus64	13.01	V13.00.01.00_25.01.00.01
SIMATIC Device Drivers	9.2	09.02.00.00_01.15.00.04
Automation Software Updater	02.03.0000	V02.03.00.00_01.01.00.48
SIEMENS OPC	3.9	03.09.08.00_01.07.00.01

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Name	Totally Integrated			
15.0.0.0 V15.00.00.0_26.01.00.01	Automation Portal			
15.0.0.0 V15.00.00.02_26.01.00.01				
MATIC HMI Touch Input				
MATIC Device Drivers WoW 29.2 29.02.00.00_01.15.00.04 MATIC Event Database 5.6 05.06.00.00_03.01.00.01 eCon 2.5 V02.05.00.00_01.05.00.04 VinCC Runtime Advanced Simulator 15.0.0.0 V15.00.00.00_26.01.00.01 Version Release				
MATIC Event Database 5.6 05.06.00.00_03.01.00.01 eCon 2.5 V02.05.00.00_01.05.00.04 inCC Runtime Advanced Simulator 15.00.0 V15.00.00.00_26.01.00.01 coducts ame Version Release A Portal Multiuser Server V14.0 SP1 V14.00.01.00_12.01.00.01 A Portal Multiuser Server V15.0 V15.00.00.00_26.01.00.01 A Administrator V1.0 V01.00.00.00_01.00.00.00 MATIC STEP 7 Professional V14.0 SP1 V14.00.01.00_12.01.00.01 MATIC STEP 7 Professional - WinCC Basic V14.0 SP1 V14.00.01.00_12.01.00.01 MATIC STEP 7 Professional - WinCC Advanced V15.0 V15.00.00.00_26.01.00.01 MATIC WinCC Runtime Advanced Simulation V15.0 V15.00.00.00_26.01.00.01 MATIC WinCC Runtime Advanced Simulation V15.0 V15.00.00.00_26.01.00.01 MATIC STEP 7 Professional V13.0 SP1 Upd1 V13.00.01.00_1.07.50.0.01 MATIC STEP 7 Professional V13.0 SP1 V13.00.01.00_25.01.00.01 MATIC WinCC Basic V13.0 SP1 V13.00.01.00_25.01.00.01 MATIC WinCC Basic V13.0 SP1 V13.00.01.00_25.01.00.01 V5.4 +				
2.5 V02.05.00.00_01.05.00.04				
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Ame Version Release A Portal Multiuser Server V14.0 SP1 V14.00.01.00_12.01.00.01 A Portal Multiuser Server V15.0 V15.00.00.00_26.01.00.01 A Administrator V1.0 V01.00.00.00_01.00.00.01 MATIC STEP 7 Professional V14.0 SP1 V14.00.01.00_12.01.00.01 MATIC WINCC Basic V15.0 V15.00.00.00_26.01.00.01 MATIC STEP 7 Professional - WinCC Advanced V1.9 V01.09.00.00_04.12.00.03 MATIC WINCC Runtime Advanced Simulation V15.0 V15.00.00.00_26.01.00.01 MATIC STEP 7 Professional V13.0 SP1 Upd1 V13.00.01.01_01.75.00.01 MATIC STEP 7 Professional V13.0 SP1 V13.00.01.00_25.01.00.01 MATIC WINCC Basic V13.0 SP1 V13.00.01.00_25.01.00.01 MATIC WinCE Basic V13.0 SP1 V13.00.01.00_25.01.00.01 METIC WINCE Basic V15.0 V6.0 06.00.00.00_01.22.00.08 -PLCSIM V5.4 + SP7 V05.04.07.00_01.44.00.01				
Imme Version Release A Portal Multiuser Server V14.0 SP1 V14.00.01.00_12.01.00.01 A Portal Multiuser Server V15.0 V15.00.00.00_26.01.00.01 A Administrator V1.0 V01.00.00.00_01.00.00.01 MATIC STEP 7 Professional V14.0 SP1 V14.00.01.00_12.01.00.01 MATIC WinCC Basic V15.0 V15.00.00.00_26.01.00.01 MATIC STEP 7 Professional - WinCC Advanced V1.9 V01.09.00.00_04.12.00.03 MATIC WinCC Runtime Advanced Simulation V15.0 V15.00.00.00_26.01.00.01 MATIC STEP 7 Professional V13.0 SP1 Upd1 V13.00.01.01_01.75.00.01 MATIC STEP 7 Professional V13.0 SP1 V13.00.01.00_25.01.00.01 MATIC WinCC Basic V13.0 SP1 V13.00.01.00_25.01.00.01 tomation License Manager V6.0 06.00.00.00_01.22.00.08 -PLCSIM V5.4 + SP7 V05.04.07.00_01.44.00.01	Junto	,		
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NATIC ProSave V15.0 V15.00.000.00_26.01.00.001	PLCSIM		V05.04.07.00_01.44.00.01	
	1ATIC ProSave	V15.0	V15.00.00.00_26.01.00.01	
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Totally Integrated
Automation Portal

Task3_V15

PLC_1 [CPU 1212C AC/DC/Rly]

N.S.4	, -				
PLC_1 General\Project inform	nation				
Name	PLC_1	Author	RV	Comment	
Slot	1	Rack	0		
General\Catalog infor		II		-	
Short designation Firmware version	CPU 1212C AC/DC/Rly V4.1	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
General\Identification	& Maintenance			11	
Plant designation		Location identifier		Installation date	2019-02-07 20:23:25.154
Additional informa- tion					
PROFINET interface [X	_ -				
Name	PROFINET interface_1	Author	RV	Comment	
PROFINET interface [X Name	(1]\General\Project information DI 8/DQ 6_1	Comment		Name	AI 2_1
Comment	טוטעט_ו	Comment		Name	/ N _ I
PROFINET interface [X	[1]\Ethernet addresses\Interface netw	vorked with			
Subnet:	PN/IE_1				
PROFINET interface [X IP configuration	(1]\Ethernet addresses\IP protocol Set IP address in the project	IP address:	192.168.1.100	Subnet mask:	255.255.255.0
Use router	False				
PROFINET interface [X PROFINET device	(1]\Ethernet addresses\PROFINET	Generate PROFINET	True	PROFINET device	plc_1
name is set directly at		device name auto-	True	name:	pic_i
the device Converted name:	plcxb1d0ed	matically Device number:	0		
	(1]\Time synchronization	Device number.			
Enable time synchro- nization via NTP serv- er	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 [X Channel address	(1]\Digital inputs\Channel0	Input filters	6.4 millisec	Enable pulse catch	0
	(1]\Digital inputs\Channel0\	mput meas	or minisec	Zilabie palse cateli	
Enable rising edge	0	RidPrefixRisingEdgeE-	49152	Event name:	0
detection Hardware interrupt:	0	vent Rising edge0	Rising edge0		
	(1]\Digital inputs\Channel0\	insting eages	nising eages		
	0	RidPrefixFallingEdg-	49280	Event name:	0
detection Hardware interrupt:	0	eEvent Falling edge0	Falling edge0		
	୍ର (1]\Digital inputs\Channel1	i alling eugeo	railing edgeo		
Channel address	10.1	Input filters	6.4 millisec	Enable pulse catch	0
	(1]\Digital inputs\Channel1\	PidProfivPicingFd	10153	Event name:	0
Enable rising edge detection	U	RidPrefixRisingEdgeE- vent	כנו כד י	Event name:	U
Hardware interrupt:	I .	Rising edge1	Rising edge1		
	(1]\Digital inputs\Channel1\	RidPrefixFallingEdg-	49281	Event name:	0
detection	U	eEvent	T/201	Event name:	U
Hardware interrupt:		Falling edge1	Falling edge1		
	(1]\Digital inputs\Channel2	Innut filtare	6.4 millions	Enable nulss satel	0
Channel address PROFINET interface [X	0.2 1]\Digital inputs\Channel2\	Input filters	6.4 millisec	Enable pulse catch	0
Enable rising edge		RidPrefixRisingEdgeE-	49154	Event name:	0
detection		vent	Dising adas 2		
Hardware interrupt: PROFINET interface [X	0 (1]\Digital inputs\Channel2\	Rising edge2	Rising edge2		
	0	RidPrefixFallingEdg-	49282	Event name:	0
detection Hardware interrupt:	0	eEvent Falling edge2	Falling edge2		
	(1]\Digital inputs\Channel3	_{II} g cagc <u>r</u>	gg-g- <u>-</u>		
Channel address	10.3	Input filters	6.4 millisec	Enable pulse catch	0
Enable rising edge	(1]\Digital inputs\Channel3\ 0	RidPrefixRisingEdgeE-	49155	Event name:	0
detection Hardware interrupt:	0	vent Rising edge3	Rising edge3		
•	(1]\Digital inputs\Channel3\	instity cayes	insing eages		
Enable falling edge detection	, - · ·	RidPrefixFallingEdg- eEvent	49283	Event name:	0
Hardware interrupt:	0	Falling edge3	Falling edge3		
	<u> </u>				T

Totally Integrated Automation Portal					
	(1]\Digital inputs\Channel4	Innut filtere	6.4 millions	Enable mules askel	
Channel address PROFINET interface [X	10.4 (1]\Digital inputs\Channel4\	Input filters	6.4 millisec	Enable pulse catch	0
Enable rising edge		RidPrefixRisingEdgeE-	49156	Event name:	0
detection Hardware interrupt:	0	vent Rising edge4	Rising edge4		
	(1]\Digital inputs\Channel4\	Initiality cuge+	inising eager		
3 3	0	RidPrefixFallingEdg-	49284	Event name:	0
detection Hardware interrupt:	0	eEvent Falling edge4	Falling edge4		
PROFINET interface [X	(1]\Digital inputs\Channel5				
Channel address PROFINET interface [X	10.5 (1]\Digital inputs\Channel5\	Input filters	6.4 millisec	Enable pulse catch	0
Enable rising edge		RidPrefixRisingEdgeE-	49157	Event name:	0
detection Hardware interrupt:	0	vent Rising edge5	Rising edge5		
	(1]\Digital inputs\Channel5\	Mishing edges	insing eages		
Enable falling edge detection	0	RidPrefixFallingEdg-	49285	Event name:	0
detection Hardware interrupt:	0	eEvent Falling edge5	Falling edge5		
PROFINET interface [X	(1]\Digital inputs\Channel6				
Channel address	10.6 (1]\Digital inputs\Channel6\	Input filters	6.4 millisec	Enable pulse catch	0
Enable rising edge	0	RidPrefixRisingEdgeE-	49158	Event name:	0
detection	0	vent			
Hardware interrupt: PROFINET interface [X	0 (1]\Digital inputs\Channel6\	Rising edge6	Rising edge6		
Enable falling edge		RidPrefixFallingEdg-	49286	Event name:	0
detection Hardware interrupt:	0	eEvent Falling edge6	Falling edge6		
PROFINET interface [X	(1]\Digital inputs\Channel7	g cageo			
Channel address	10.7	Input filters	6.4 millisec	Enable pulse catch	0
PROFINET interface [X Enable rising edge	(1]\Digital inputs\Channel7\	RidPrefixRisingEdgeE-	49159	Event name:	0
detection		vent			
Hardware interrupt: PROFINET interface [X	0 (1]\Digital inputs\Channel7\	Rising edge7	Rising edge7		
Enable falling edge	0	RidPrefixFallingEdg-	49287	Event name:	0
detection Hardware interrupt:	0	eEvent Falling edge7	Falling edge7		
	(1]\Analog inputs\Noise reduction	_{II} -anng eage/	Falling edge7		
Integration time	50 Hz (20 ms)				
PROFINET interface [> Channel address	(1]\Analog inputs\Channel0	Measurement type	Voltage	Voltage range	010 V
Smoothing	Weak (4 cycles)	этой сурс	, g -	Enable overflow diag-	
PROFINET interface IN	(1]\Analog inputs\Channel1			nostics	
Channel address	IW66	Measurement type	Voltage	Voltage range	010 V
Smoothing	Weak (4 cycles)			Enable overflow diag-	1
PROFINET interface [X	 (1]\Digital outputs			nostics	
Reaction to CPU STOP	Use substitute value				
PROFINET interface [> Channel address	(1]\Digital outputs\Channel0	Substitute a value of	0		
Cilalillei audiess	0.0	1 on a change from			
	The state of the s	RUN to STOP.			
PROFINET interface IV	(1)\Digital outputs\Channel1				
PROFINET interface [X Channel address	(1]\Digital outputs\Channel1 Q0.1	Substitute a value of	0		
		1 on a change from	0		
Channel address			0		
Channel address PROFINET interface [X	Q0.1	1 on a change from RUN to STOP. Substitute a value of			
Channel address	Q0.1 (1]\Digital outputs\Channel2	1 on a change from RUN to STOP.			
Channel address PROFINET interface [X Channel address PROFINET interface [X	Q0.1 (1]\Digital outputs\Channel2 Q0.2 (1]\Digital outputs\Channel3	1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP.	0		
Channel address PROFINET interface [X Channel address PROFINET interface [X	Q0.1 (1]\Digital outputs\Channel2 Q0.2	1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of	0		
Channel address PROFINET interface [X Channel address PROFINET interface [X Channel address	Q0.1 (1]\Digital outputs\Channel2 Q0.2 (1]\Digital outputs\Channel3 Q0.3	1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP.	0		
Channel address PROFINET interface [X Channel address PROFINET interface [X Channel address	Q0.1 (1]\Digital outputs\Channel2 Q0.2 (1]\Digital outputs\Channel3 Q0.3 (1]\Digital outputs\Channel4	1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from	0		
Channel address PROFINET interface [X Channel address PROFINET interface [X Channel address	Q0.1 (1]\Digital outputs\Channel2 Q0.2 (1]\Digital outputs\Channel3 Q0.3	1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from	0		
Channel address PROFINET interface [X Channel address PROFINET interface [X Channel address PROFINET interface [X Channel address	Q0.1 (1]\Digital outputs\Channel2 Q0.2 (1]\Digital outputs\Channel3 Q0.3 (1]\Digital outputs\Channel4 Q0.4	1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of Substitute a value of STOP.	0		
PROFINET interface [X Channel address PROFINET interface [X Channel address PROFINET interface [X Channel address	Q0.1 (1]\Digital outputs\Channel2 Q0.2 (1]\Digital outputs\Channel3 Q0.3 (1]\Digital outputs\Channel4	1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP.	0		
PROFINET interface [X Channel address PROFINET interface [X Channel address PROFINET interface [X Channel address	Q0.1 (1]\Digital outputs\Channel2 Q0.2 (1]\Digital outputs\Channel3 Q0.3 (1]\Digital outputs\Channel4 Q0.4 (1]\Digital outputs\Channel5	1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP.	0		
PROFINET interface [XChannel address	Q0.1 (1]\Digital outputs\Channel2 Q0.2 (1]\Digital outputs\Channel3 Q0.3 (1]\Digital outputs\Channel4 Q0.4 (1]\Digital outputs\Channel5 Q0.5	1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP.	0		
PROFINET interface [XChannel address	Q0.1 (1]\Digital outputs\Channel2 Q0.2 (1]\Digital outputs\Channel3 Q0.3 (1]\Digital outputs\Channel4 Q0.4 (1]\Digital outputs\Channel5 Q0.5 (1]\Operating mode True	1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP.	0	Device number	0
Channel address PROFINET interface [X Channel address	Q0.1 (1]\Digital outputs\Channel2 Q0.2 (1]\Digital outputs\Channel3 Q0.3 (1]\Digital outputs\Channel4 Q0.4 (1]\Digital outputs\Channel5 Q0.5 (1]\Operating mode True False	1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP.	0	Device number	0
PROFINET interface [XChannel address PROFINET interface [XCHANNEL ADDRESS ADDRESS PROFINET interface [XCHANNEL ADDRESS ADD	Q0.1 (1]\Digital outputs\Channel2 Q0.2 (1]\Digital outputs\Channel3 Q0.3 (1]\Digital outputs\Channel4 Q0.4 (1]\Digital outputs\Channel5 Q0.5 (1]\Operating mode True	1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP.	0	Device number Organization block	0
Channel address PROFINET interface [X IO controller IO device PROFINET interface [X Start address Process image	Q0.1 (1]\Digital outputs\Channel2 Q0.2 (1]\Digital outputs\Channel3 Q0.3 (1]\Digital outputs\Channel4 Q0.4 (1]\Digital outputs\Channel5 Q0.5 (1]\Operating mode True False (1]\I/O addresses\Input addresses 0.0 0	1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP.	0 0 PROFINET IO-System (100)		
Channel address PROFINET interface [X IO controller IO device PROFINET interface [X Start address Process image PROFINET interface [X	Q0.1 (1]\Digital outputs\Channel2 Q0.2 (1]\Digital outputs\Channel3 Q0.3 (1]\Digital outputs\Channel4 Q0.4 (1]\Digital outputs\Channel5 Q0.5 (1]\Operating mode True False (1]\I/O addresses\Input addresses 0.0 0 (1]\I/O addresses\Input addresses	1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Io system End address	0 0 0 PROFINET IO-System (100) 0.7	Organization block	0
Channel address PROFINET interface [X IO controller IO device PROFINET interface [X Start address Process image	Q0.1 (1]\Digital outputs\Channel2 Q0.2 (1]\Digital outputs\Channel3 Q0.3 (1]\Digital outputs\Channel4 Q0.4 (1]\Digital outputs\Channel5 Q0.5 (1]\Operating mode True False (1]\I/O addresses\Input addresses 0.0 0	1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP.	0 0 PROFINET IO-System (100)		
Channel address PROFINET interface [X IO controller IO device PROFINET interface [X Start address PROFINET interface [X Start address PROFINET interface [X Start address Process image PROFINET interface [X Start address Process image PROFINET interface [X Start address Process image	Q0.1 (1]\Digital outputs\Channel2 Q0.2 (1]\Digital outputs\Channel3 Q0.3 (1]\Digital outputs\Channel4 Q0.4 (1]\Digital outputs\Channel5 Q0.5 (1]\Operating mode True False (1]\I/O addresses\Input addresses 0.0 0 (1]\I/O addresses\Input addresses 64	1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Io system End address	0 0 0 PROFINET IO-System (100) 0.7	Organization block	0

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	1]\Advanced options\Interface option				
upport device re- lacement without	True	Permit overwriting of device names of all	False	Use IEC V2.2 LLDP mode	False
xchangeable medi-		assigned IO devices		mode	
m					
•	30s				
on monitoring					
	1]\Advanced options\Real time settin 1.000ms	gs\IO communication			
	1]\Advanced options\Real time settin	as\Real time ontions			
alculated bandwidth		Calculated bandwidth	0.000%		
or cyclic IO data:		for cyclic IO data:			
	1]\Advanced options\Port [X1 P1]\Ger			II.	
	Port_1	Author	RV	Comment	
	1]\Advanced options\Port [X1 P1]\Por PLC_1\PROFINET interface_1	t interconnection(Local	Copper	Cable name:	
ocai port.	[X1]\Port_1 [X1 P1]	Wiculain.	Соррег	cable name.	
		All participations and			
			and the same of th		
			<u></u>		
			754		
ROFINET interface IV	1]\Advanced options\Port [X1 P1]\Por	t interconnection\Parts	ner nort:		
	Monitoring of partner port is not pos-	Partner port:	Any partner		
	sible	poic.	, pa		
	1]\Advanced options\Port [X1 P1]\Por	t options\Activate			
ctivate this port for	True				
ise					
	1]\Advanced options\Port [X1 P1]\Por	t options(Connection Monitor	False	Enable autonegotia-	Truo
luplex:	Automatic	Monitor	raise	tion	True
•	1]\Advanced options\Port [X1 P1]\Por	t options\Boundaries			
	False	End of topology dis-	False	End of the sync do-	False
ccessible devices		covery		main	
ROFINET interface [X		T 14/ 1			
nable Web server us- ng this interface	False	The Web server must also be activated in			
ing tills litterrace		the properties of the			
		PLC.			
-	HSC)\HSC1\General\Enable				
9	0	Enable this high speed counter	0	Enable this high	0
peed counter nable this high	0	Enable this high	0	speed counter Enable this high	0
peed counter		speed counter		speed counter	
ligh speed counters (l	HSC)\HSC1\General\Project information				
lame	HSC_1	Comment		Name	HSC_2
Comment		Name	HSC_3	Comment	
	HSC_4	Comment	LICC C	Name	HSC_5
Comment	 HSC)\HSC1\I/O addresses\Input addres	Name	HSC_6	Comment	
tart address	1000.0	End address	1003.7	Start address	1004.0
	1007.7		0	Start address	1008.0
	1011.7	Organization block	0	Process image	0
tart address	1012.0	End address	1015.7	Organization block	0
	0	Start address	1016.0	End address	1019.7
	0	Process image	0	Start address	1020.0
	1023.7	Organization block	0	Process image	0
<u> </u>	0 /PWM)\PTO1/PWM1\General\Enable	Process image	0	Process image	0
nable this pulse gen-		Enable this pulse gen-	-0		
rator		erator			
ulse generators (PTO	/PWM)\PTO1/PWM1\General\Project in	nformation			
	Pulse_1	Comment		Name	Pulse_2
omment					
	/PWM)\PTO1/PWM1\I/O addresses\Out		1001.7	Chaut and don	1002.0
tart address nd address	1000.0 1003.7	End address Organization block	0	Start address Organization block	1002.0
	0	Process image	0	organization block	V
tartup					
	Warm restart - mode before POWER	Comparison preset to	Startup CPU even if mismatch	Configuration time	60000ms
tartup after POWER	warm restart - mode before POWEK	actual configuration			
N .	OFF				
N Bs should be inter-					
N Bs should be inter- uptible	OFF				
N Bs should be inter- uptible ycle	OFF 1			Fnahle minimum cu	0
DN DBs should be inter- uptible Cycle Cycle monitoring	OFF			Enable minimum cy- cle time for cyclic OB	
DN DBs should be inter- uptible Cycle Cycle monitoring Imme	OFF 1			Enable minimum cy- cle time for cyclic OB	
DN DBs should be inter- uptible cycle cycle monitoring ime Minimum cycle time	OFF 1 150ms				
PN PBS should be inter- uptible ycle ycle monitoring me Minimum cycle time ommunication load ycle load due to	OFF 1 150ms				
PN PBs should be inter- uptible ycle ycle monitoring me finimum cycle time ommunication load ycle load due to ommunication	OFF 1 150ms 1ms 20%				
BS should be inter- uptible ycle ycle monitoring me linimum cycle time ommunication load ycle load due to ommunication ystem and clock men	OFF 1 150ms 1ms 20% hory\System memory bits			cle time for cyclic OB	s
DN DBs should be inter- uptible Cycle Cycle monitoring ime Minimum cycle time Communication load Cycle load due to ommunication Cystem and clock men chable the use of sys-	OFF 1 150ms 1ms 20% hory\System memory bits	Address of system	1		
DN DBs should be interuptible Cycle Cycle monitoring ime Minimum cycle time Communication load Cycle load due to communication cystem and clock menicable the use of system memory byte	OFF 1 150ms 1ms 20% hory\System memory bits		1 %M1.2 (AlwaysTRUE)	cle time for cyclic OB	s

nable the use of	mory\Clock m	iemory bits	Address of clo	ck o			10 Hz alasl:	0/MO O
ock memory byte	1		memory byte				10 Hz clock	%M0.0
Hz clock	%M0.1 (Cloc		2.5 Hz clock	%МС	0.2 (Clock_2.5Hz)		2 Hz clock	%M0.3 (Clock_2Hz)
25 Hz clock	%M0.4 (Cloc		1 Hz clock	%M0).5 (Clock_1Hz)		0.625 Hz clock	%M0.6 (Clock_0.625Hz)
.5 Hz clock /eb server\General	%M0.7 (Cloc	:K_U.5HZ)						
ctivate Web server	False		Permit access	only True				
n all modules of this evice	5		with HTTPS					
evice /eb server\Automati	c update							
nable automatic up			Update interv	al Os				
ate								
eb server\User inte ssign project langu		jes			User interface lar	nanace		
nglish (United States					German	iguages		
nglish (United States					English			
nglish (United States					French			
nglish (United States nglish (United States					Spanish Italian			
nglish (United States					Chinese (simplifie	d)		
eb server\User man	agement							
ser name					User rights			
verybody <mark>'eb server\User defi</mark>	ned web nade	25						
pplication name		IL source path	Default HTML	page	Files with dynam	ic content	Web DB number	Fragment DB number
		•	index.htm		.htm;.html		333	334
eb server\Overview	of interfaces	3						
evice			Interface	f 1			Enabled web server	access
_C_1 ser interface langua	anes		PROFINET inter	race_1			False	
ssign project langu					User interface lar	nguages		
nglish (United States)				German	5 5		
nglish (United States					English			
nglish (United States nglish (United States					French Spanish			
nglish (United States					Italian			
nglish (United States)				Chinese (simplifie	d)		
me of day\Local tim), p. l. p. p. l						
me zone)) Berlin, Bern, Brussels, holm, Vienna						
me of day\Daylight		,						
ctivate daylight sav	- 1		Difference bet		ins			
ig time			standard and saving time	aayiignt				
		Start of daylight saving t	ime					
tarting week of the nonth:	Last			Sund	day		of	March
t	01:00 a.m.							
me of day\Daylight	saving time\S	Start of standard time						
	Last			Sund	day		of	October
t	02:00 a.m.							
rotaction & Socurity								
rotection & Security evel of protection		n						
evel of protection rotection & Security	No protectio \Connection r							
evel of protection rotection & Security ermit access with	No protection ration rational							
evel of protection rotection & Security	No protection ration rational							
evel of protection or otection & Security ermit access with UT/GET communication from remote artner	No protectio NConnection r True	mechanisms						
evel of protection or cotection & Security ermit access with UT/GET communication from remote artner configuration contro	No protection raction raction raction raction ractions ra		figuration					
evel of protection cotection & Security ermit access with JT/GET communication from remote artner configuration controllow to reconfigure device via the	No protection raction raction raction raction ractions ra	mechanisms	figuration					
evel of protection rotection & Security ermit access with UT/GET communication from remote artner configuration controllow to reconfigure device via the ser program	No protection range of the connection range of the configuration of the	mechanisms	figuration					
evel of protection rotection & Security ermit access with UT/GET communication from remote artner configuration controllow to reconfigure device via the ser program	No protection range of the connection range of the configuration of the	mechanisms on control for central cor		ation resourc	:es - Reserved - Con-	Station res	ources - Dynamic - Co	on- Module resources - PLC 1 [CF
evel of protection rotection & Security ermit access with UT/GET communication from remote artner configuration controllow to reconfigure device via the ser program connection resources	No protection range of the configuration of the con	mechanisms on control for central cor	erved - Max- St	jured	tes - Reserved - Con-	figured	ources - Dynamic - Co	on- Module resources - PLC_1 [CF 1212C AC/DC/Rly] - Configure
evel of protection rotection & Security ermit access with UT/GET communication from remote artner configuration controllow to reconfigure device via the ser program	No protection range of the configuration of the con	on control for central cor Station resources - Res imum	erved - Max- St fig 62	jured	es - Reserved - Con-	figured 6	•	1212C AC/DC/Rly] - Configure 68
evel of protection rotection & Security ermit access with UT/GET communication from remote artner configuration controllow to reconfigure the device via the ser program connection resources daximum number of	No protection range of the configuration of the con	on control for central cor Station resources - Res imum	erved - Max- St fig 62	jured	es - Reserved - Con-	figured	•	1212C AC/DC/Rly] - Configure
evel of protection rotection & Security ermit access with UT/GET communication from remote artner configuration controllow to reconfigure device via the ser program connection resources	No protection range of the configuration of the con	on control for central cor Station resources - Res imum	erved - Max- St fig 62	jured	es - Reserved - Con-	figured 6	•	1212C AC/DC/Rly] - Configure 68
evel of protection rotection & Security ermit access with UT/GET communication from remote artner configuration controllow to reconfigure the device via the ser program connection resources daximum number of G communication: 7 communication:	No protection NConnection r True NConfiguration O resources:	Station resources - Resimum Maximum 4 12 8	erved - Max- St fig 62	jured	es - Reserved - Con-	figured 6 Configured - 0	•	1212C AC/DC/Rly] - Configure 68
evel of protection rotection & Security ermit access with UT/GET communication from remote artner configuration control low to reconfigure de device via the ser program connection resources aximum number of G communication: T communication: pen user communication	No protection NConnection r True NConfiguration O resources:	Station resources - Resimum Maximum 4 12 8	erved - Max- St fig 62	jured	es - Reserved - Con-	figured 6 Configured - 0	•	1212C AC/DC/Rly] - Configure 68 Configured -
evel of protection of the control of the communication of the communicat	No protection (Connection ratio) In True In Configuration O station:	Station resources - Resimum Maximum 4 12 8	erved - Max- fig 62 Cc - 1	jured	es - Reserved - Con-	figured 6 Configured - 0 0 -	•	1212C AC/DC/Rly] - Configure 68 Configured - 1 0
evel of protection of the contection & Security or mit access with DT/GET communication from remote artner on figuration control low to reconfigure the device via the ser program onnection resources aximum number of G communication: MI communication: To communication: To communication: The communication: The communication: The communication: The communication: The communication: The communication:	No protection (Connection ratio) In True In Configuration O station:	Station resources - Resimum Maximum 4 12 8	erved - Max- fig 62 Cc - 1	jured	es - Reserved - Con-	figured 6 Configured - 0	•	1212C AC/DC/Rly] - Configure 68 Configured - 1
evel of protection rotection & Security ermit access with DT/GET communication from remote artner rotection to reconfiguration control low to reconfigure the device via the ser program connection resources aximum number of aximum number of aximum number of aximum communication: To communication: To communication: The communication there communication that resources used: Evailable resources:	No protection (Connection ration) InConfiguration oresources:	Station resources - Resimum Maximum 4 12 8 8 30	erved - Max- fig 62 Cc - 1 1 0 - - 2	gured Enfigured	es - Reserved - Con-	figured 6 Configured - 0 0 - 0 0	•	1212C AC/DC/Rly] - Configure 68 Configured - 1 1 0 -
evel of protection octetion & Security ermit access with DT/GET communication from remote artner configuration controllow to reconfigure the device via the ser program connection resources daximum number of G communication: T c	No protection range of the connection range of the configuration of the	Station resources - Resimum Maximum 4 12 8	erved - Max- fig 62 Cc - 1 1 0 - - 2 60	yured enfigured		figured 6 Configured - 0 0 - 0 0 0 0		1212C AC/DC/Rly] - Configure 68 Configured - 1 1 0 - 0 2 66
evel of protection rotection & Security ermit access with UT/GET communication from remote artner configuration controllow to reconfigure the device via the ser program connection resources aximum number of G communication: T c	No protection range of the control of the configuration of the configura	Station resources - Resimum Maximum 4 12 8 8 30	erved - Max- fig 62 Cc - 1 1 0 - - 2	gured Enfigured		figured 6 Configured - 0 0 - 0 0 0 0	•	1212C AC/DC/Rly] - Configure 68 Configured - 1 1 0 - 0 2
evel of protection rotection & Security ermit access with UT/GET communication from remote artner configuration controllow to reconfigure the device via the ser program connection resources aximum number of G communication: 7 communication: 9 communication: 9 communication: 9 communication: 9 the communication otal resources used: 9 verview of addresse with 10 the communication otal resources: 9 the communication otal resources used: 9 th	No protection range of the connection range of the configuration of the	Station resources - Resimum Maximum 4 12 8 8 30	erved - Max- fig 62 Cc - 1 1 0 - - 2 60	yured enfigured		figured 6 Configured - 0 0 - 0 0 0 0		1212C AC/DC/Rly] - Configure 68 Configured - 1 1 0 - 0 2 66
evel of protection rotection & Security ermit access with UT/GET communication from remote artner configuration controllow to reconfigure the device via the ser program connection resources aximum number of G communication: T c	No protection range of the control of the configuration of the configura	Station resources - Resimum Maximum 4 12 8 8 30	erved - Max- fig 62 Cc - 1 1 0 - - 2 60	yured enfigured		figured 6 Configured - 0 0 - 0 0 0 0		1212C AC/DC/Rly] - Configure 68 Configured - 1 1 0 - 0 2 66
evel of protection rotection & Security ermit access with UT/GET communication from remote artner configuration controllow to reconfigure the device via the ser program connection resources aximum number of G communication: T c	No protection range of the control of the configuration of the configura	Station resources - Resimum Maximum 4 12 8 8 30	erved - Max- fig 62 Cc - 1 1 0 - - 2 60	yured enfigured		figured 6 Configured - 0 0 - 0 0 0 0		1212C AC/DC/Rly] - Configure 68 Configured - 1 1 0 - 0 2 66
evel of protection otection & Security ermit access with DT/GET communication from remote artner on figuration control low to reconfigure to device via the ter program onnection resources aximum number of accommunication: MI communication: MI communication: MI communication: pen user communication: ther communication: ther communication: ther communication: vailable resources: verview of addresses puts	No protection range of the control of the configuration of the configura	Station resources - Resimum Maximum 4 12 8 8 30	erved - Max- fig 62 Cc - 1 1 0 - - 2 60	yured enfigured		figured 6 Configured - 0 0 - 0 0 0 0		1212C AC/DC/Rly] - Configure 68 Configured - 1 1 0 - 0 2 66
vel of protection of tection & Security rmit access with IT/GET communication from remote rtner of the device via the er program of the er	No protection range of the control of the configuration of the configura	Station resources - Resimum Maximum 4 12 8 8 30	erved - Max- fig 62 Cc - 1 1 0 - - 2 60	yured enfigured		figured 6 Configured - 0 0 - 0 0 0 0		1212C AC/DC/Rly] - Configure 68 Configured - 1 1 0 - 0 2 66

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

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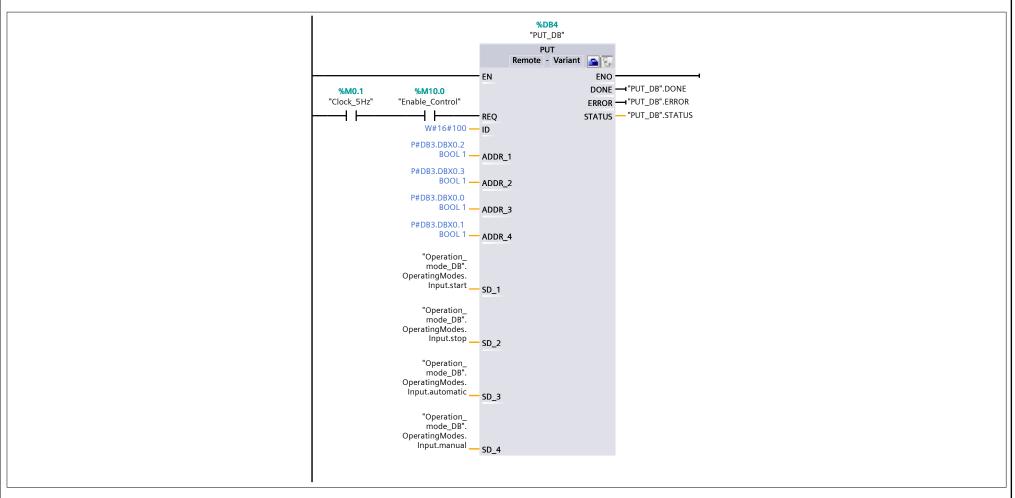
Task3_V15 / PLC_1 [CPU 1212C AC/DC/Rly] / Program blocks

Main [OB1]

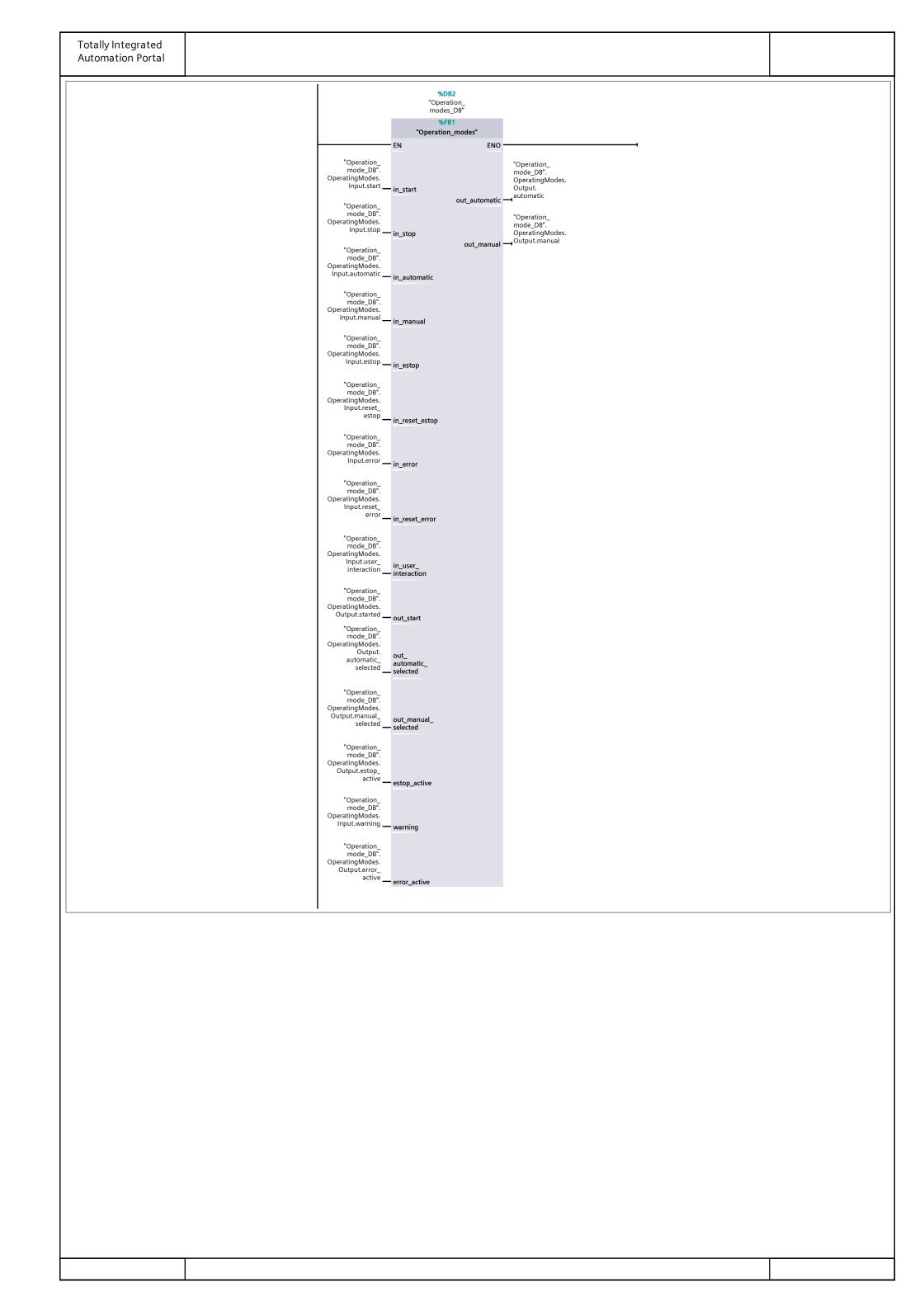
Main Properties										
General	General Control of the Control of th									
Name	Main	Number	1	Туре	ОВ	Language	LAD			
Numbering	Automatic									
Information										
	"Main Program Sweep (Cy- cle)"	Author		Comment		Family				
Version	0.1	User-defined ID								

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



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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	Туре	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	able	Visible in HMI engi- neering	Setpoint	Supervi- sion	Comment
▼ Static									
▼ OperatingModes	"OperationModes"		False	True	True	True	False		
▼ Input	Struct		False	True	True	True	False		
automatic	Bool	false	False	True	True	True	False		
manual	Bool	false	False	True	True	True	False		
start	Bool	false	False	True	True	True	False		
stop	Bool	false	False	True	True	True	False		
estop	Bool	false	False	True	True	True	False		
user_interaction	Bool	false	False	True	True	True	False		
reset_estop	Bool	false	False	True	True	True	False		
error	Bool	false	False	True	True	True	False		
warning	Bool	false	False	True	True	True	False		
reset_error	Bool	false	False	True	True	True	False		
Output	Struct		False	True	True	True	False		
automatic_selected	Bool	false	False	True	True	True	False		
manual_selected	Bool	false	False	True	True	True	False		
estop_active	Bool	false	False	True	True	True	False		
started	Bool	false	False	True	True	True	False		
automatic	Bool	false	False	True	True	True	False		
manual	Bool	false	False	True	True	True	False		
error_active	Bool	false	False	True	True	True	False		

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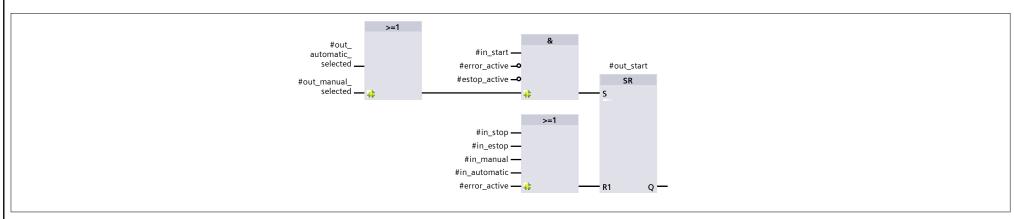
Task3_V15 / PLC_1 [CPU 1212C AC/DC/Rly] / Program blocks / Operation modes

Operation_modes [FB1]

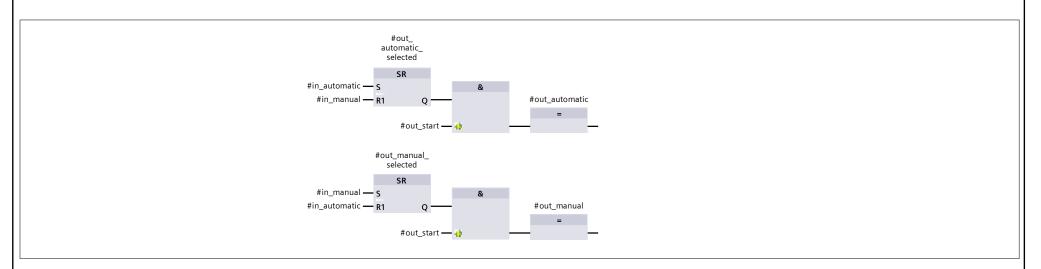
Operation_modes Properties									
General									
Name	Operation_modes	Number	1	Туре	FB	Language	FBD		
Numbering	Automatic								
Information									
Title	Operation modes	Author		Comment		Family			
Version	0.1	User-defined ID			•				

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

Network 1: Start/Stop operation



Network 2: Automatic/Manual mode



Network 3: E-Stop

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Automation Fortal		
	#estop_active RS	
	#in_reset_estop — R #in_estop — S1 Q —	
_		
Network 4: Error		
	#error_active RS	
	#in_reset_error — R #in_error — S1 Q —	
	1	

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

Operation_modes_DB [DB2]

Operation_mod	les_DB Properties						
General							
Name	Operation_modes_DB	Number	2	Туре	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	able	Visible in HMI engi- neering		Supervi- sion	Comment
▼ Input									
in_start	Bool	false	False	True	True	True	False		
in_stop	Bool	false	False	True	True	True	False		
in_automatic	Bool	false	False	True	True	True	False		
in_manual	Bool	false	False	True	True	True	False		
in_estop	Bool	false	False	True	True	True	False		
in_reset_estop	Bool	false	False	True	True	True	False		
in_error	Bool	false	False	True	True	True	False		
in_reset_error	Bool	false	False	True	True	True	False		
in_user_interaction	Bool	false	False	True	True	True	False		
▼ Output									
out_automatic	Bool	false	False	True	True	True	False		
out_manual	Bool	false	False	True	True	True	False		
▼ InOut									
out_start	Bool	false	False	True	True	True	False		
out_automatic_selected	Bool	false	False	True	True	True	False		
out_manual_selected	Bool	false	False	True	True	True	False		
estop_active	Bool	false	False	True	True	True	False		
warning	Bool	false	False	True	True	True	False		
error_active	Bool	false	False	True	True	True	False		
Static									

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

PUT_DB [DB4]

PUT_DB Propert	ies						
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	able	HMI engi- neering	Setpoint	Supervi- sion	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									

Totally Integrated Automation Portal		
Task3_V15 / PLO	C_1 [CPU 1212C AC/DC/Rly] / Program blocks	
Put		
This folder is empty.		
i		

Totally Integrated Automation Portal		
Task3_V15 / PL0	C_1 [CPU 1212C AC/DC/Rly]	
Technology objec		
This folder is empty.		

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

PLC tags

Name		Data type	Address	Retain	ble from	Writable from	Visible in Supervi HMI engi-	sion Comment
					HMI/OPC UA	HMI/OPC UA	neering	
(H)	System_Byte	Byte	%MB1	False	True	True	True	
Œ	FirstScan	Bool	%M1.0	False	True	True	True	
1	DiagStatusUpdate	Bool	%M1.1	False	True	True	True	
Œ	AlwaysTRUE	Bool	%M1.2	False	True	True	True	
Œ	AlwaysFALSE	Bool	%M1.3	False	True	True	True	
Œ	Clock_Byte	Byte	%MBO	False	True	True	True	
OH!	Clock_5Hz	Bool	%M0.1	False	True	True	True	
(III)	Clock_2.5Hz	Bool	%M0.2	False	True	True	True	
Œ.	Clock_2Hz	Bool	%M0.3	False	True	True	True	
Œ	Clock_1.25Hz	Bool	%M0.4	False	True	True	True	
Œ	Clock_1Hz	Bool	%M0.5	False	True	True	True	
Œ	Clock_0.625Hz	Bool	%M0.6	False	True	True	True	
111	Clock_0.5Hz	Bool	%M0.7	False	True	True	True	
Œ.	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	
Unananatanta	
Name Data type Value Comment	

SignalLight	Number 1	Туре	UDT	Language
ing tion				
	Author	Comment		Family
	User-defined ID		w	
Data typ	e Offset De	from HMI/OPC UA	Writ Visible in Setpoint able HMI engi- fro neering m HMI/ OPC	Comment
nent1 Byte		6#0 True	True True False	
nent2 Byte			True True False	
nent3 Byte			True True False True True False	
nent4 Byte nent5 Byte			True True False False	
er Byte			True True False	

General Control of the Control of th
Name OperationModes Number 2 Type UDT Language
Name OperationModes Number 2 Type UDT Language
Name OperationModes Number 2 If ype ODT If language Control of the
difference operationwodes product of the product of
diffe Operationwodes (Number 2 (1ype OD) Language
ame operationwodes prainter z properties out the properties of the
lame OperationModes Number 2 Type UDI Language
lame OperationModes Number 2 Iype UDT Language
Name OperationModes Number 2 Type UDT Language
Name OperationModes Number 2 Type UDT Language

True

false

Struct

Bool

Struct

▼ Input

automatic

manual start

stop

estop

error

Output

warning

reset_error

automatic_selected

manual_selected

estop_active

started

manual

automatic

error_active

user_interaction

reset_estop

HMI/ OPC UA

True True

True True
True

True True

True True

True True

True True

True True

True True

True True

True True

True True

True True

False

False False

False

False

False

False

False

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Task3_V15 / PLC	C_1 [CPU 1212C AC/D	C/Rly] / Watch and force	e tables		
Name	Address	Display format	Force value	Comment	
Name	Address	Display format	Force value	Comment	

rated	
nation Portal	

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		

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Totally Integrated Automation Portal		
Tack2 V/15 / DLC	1 [CDLI 1212C AC/DC/Db/]	
Traces	C_1 [CPU 1212C AC/DC/Rly]	
Name		
	T	

Totally Integrated Automation Portal		
Task3_V15 / PL0	C_1 [CPU 1212C AC/DC/Rly] / Traces	
Measurements		
This folder is empty.		

Totally Integrated Automation Portal		
Task3_V15 / PL0	C_1 [CPU 1212C AC/DC/Rly] / Traces	
Combined measu		
Name		
	1	

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Task3_V15 / PL0	C_1 [CPU 1212C AC/DC/Rly]	
PLC alarm text list		
This folder is empty.		

Totally Integrated Automation Portal		
Task3_V15 / PLC	C_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 I	IO-System										
General											
IO controll		PLC_1		Na	me:	PROFINET IO-S	ystem	Numb	Der: 100)	
Use name sion for the device name	e PROFINET	False									
Hardware i											
Hardware	identifier	269									
		s\Overvi	ew of addresse	es\Overview of add	lresses .						
Inputs		True		Ou	itputs	True		Addre	ess gaps Fals	se	
Slot		True			•				3 1		
Туре	Addr.		Addr. to	Module	PIP	Device name	Device number	Size	Master / IO sys- tem	Rack	Slot
I	0		0	DI 8/DQ 6_1	Automatic up- date	PLC_1 [CPU 1212C AC/DC/ Rly]	-	1 Bytes	-	0	1 1
0	0		0	DI 8/DQ 6_1	Automatic up- date	PLC_1 [CPU 1212C AC/DC/ Rly]	-	1 Bytes	-	0	1 1
l	64		67	AI 2_1	Automatic up- date	PLC_1 [CPU 1212C AC/DC/ Rly]	-	4 Bytes	-	0	1 2
1	1000		1003	HSC_1	Automatic up- date	PLC_1 [CPU 1212C AC/DC/ Rly]	-	4 Bytes	-	0	1 16
I	1004		1007	HSC_2	Automatic up- date	PLC_1 [CPU 1212C AC/DC/ Rly]	-	4 Bytes	-	0	1 17
I	1008		1011	HSC_3	Automatic up- date	PLC_1 [CPU 1212C AC/DC/ Rly]	-	4 Bytes	-	0	1 18
I	1012		1015	HSC_4	Automatic up- date	PLC_1 [CPU 1212C AC/DC/ Rly]	-	4 Bytes	-	0	1 19
I	1016		1019	HSC_5	Automatic up- date	PLC_1 [CPU 1212C AC/DC/ Rly]	-	4 Bytes	-	0	1 20
I	1020		1023	HSC_6	Automatic up- date	PLC_1 [CPU 1212C AC/DC/ Rly]	-	4 Bytes	-	0	1 21
0	1000		1001	Pulse_1	Automatic up- date	PLC_1 [CPU 1212C AC/DC/ Rly]	-	2 Bytes	-	0	1 32
0	1002		1003	Pulse_2	Automatic up- date	PLC_1 [CPU 1212C AC/DC/ Rly]	-	2 Bytes	-	0	1 33
0	1004		1005	Pulse_3	Automatic up- date	PLC_1 [CPU 1212C AC/DC/ Rly]	-	2 Bytes	-	0	1 34
О	1006		1007	Pulse_4	Automatic up- date	PLC_1 [CPU 1212C AC/DC/	-	2 Bytes	-	0	1 35

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Task3_V15

PLC_2 [CPU 1212C AC/DC/Rly]

PLC_2	1C_2 [CF0 1212C AC/DC/NIY]								
General\Project inform Name	nation PLC_2	Author	RV	Comment					
Slot	1	Rack	0	Comment					
General\Catalog inforr	nation		- 						
Short designation Firmware version	CPU 1212C AC/DC/Rly V4.1	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				
General\Identification	& Maintenance								
Plant designation Additional informa-		Location identifier		Installation date	2019-04-20 13:55:42.993				
tion									
PROFINET interface [X	1]\General								
	PROFINET interface_1	Author	RV	Comment					
_	1]\General\Project information	.		 					
Name Comment	DI 8/DQ 6_1	Comment		Name	AI 2_1				
_	1]\Ethernet addresses\Interface netw	orked with							
	PN/IE_1								
PROFINET interface [X	1]\Ethernet addresses\IP protocol								
	Set IP address in the project	IP address:	192.168.1.107	Subnet mask:	255.255.255.0				
	False 1]\Ethernet addresses\PROFINET								
PROFINET Interface [X	False	Generate PROFINET	True	PROFINET device	plc_2				
name is set directly at		device name auto-	Title	name:	pic_2				
the device		matically							
Converted name:	plcxb2d1ad	Device number:	0						
	1]\Time synchronization Enable time synchronization via NTP		ID addresses	Convor 1	0.0.0.0				
nization via NTP serv-			IP addresses	Server 1	0.0.0.0				
er									
	0.0.0.0	Server 3	0.0.0.0	Server 4	0.0.0.0				
•	10sec 1]\Digital inputs\Channel0								
	1) Noigital inputs/Channelo	Input filters	6.4 millisec	Enable pulse catch	0				
	1]\Digital inputs\Channel0\	III		paide cateri					
Enable rising edge	0	RidPrefixRisingEdgeE-	49152	Event name:	0				
detection Hardware interrupt:	0	vent	Picing adge0						
	1]\Digital inputs\Channel0\	Rising edge0	Rising edge0						
	0	RidPrefixFallingEdg-	49280	Event name:	0				
detection		eEvent							
Hardware interrupt:	l .	Falling edge0	Falling edge0						
	1]\Digital inputs\Channel1	Input filtors	6.4 millisec	Enable nulse set-l	0				
	1]\Digital inputs\Channel1\	Input filters	U.4 IIIIIISEC	Enable pulse catch	U				
		RidPrefixRisingEdgeE-	49153	Event name:	0				
detection		vent							
Hardware interrupt:		Rising edge1	Rising edge1						
	1]\Digital inputs\Channel1\	RidPrefixFallingEdg-	49281	Event name:	0				
detection		eEvent		Event name.					
Hardware interrupt:		Falling edge1	Falling edge1						
	1]\Digital inputs\Channel2		(a 10)	-					
	0.2 1]\Digital inputs\Channel2\	Input filters	6.4 millisec	Enable pulse catch	0				
	0	RidPrefixRisingEdgeE-	49154	Event name:	0				
detection		vent			-				
Hardware interrupt:	l .	Rising edge2	Rising edge2						
	1]\Digital inputs\Channel2\	Dial Ducking Him E. I	40292	Event was a	0				
Enable falling edge detection	0	RidPrefixFallingEdg- eEvent	49282	Event name:	0				
		Falling edge2	Falling edge2						
Hardware interrupt:	1]\Digital inputs\Channel3								
Hardware interrupt: PROFINET interface [X		Input filters	6.4 millisec	Enable pulse catch	0				
Hardware interrupt: PROFINET interface [X Channel address	10.3	input inters							
Hardware interrupt: PROFINET interface [X Channel address PROFINET interface [X	I0.3 1]\Digital inputs\Channel3\		49155	Event name:	0				
Hardware interrupt: PROFINET interface [X Channel address PROFINET interface [X	10.3	RidPrefixRisingEdgeE- vent	49155	Event name:	0				
Hardware interrupt: PROFINET interface [X Channel address PROFINET interface [X Enable rising edge detection Hardware interrupt:	IO.3 1]\Digital inputs\Channel3\ 0	RidPrefixRisingEdgeE-	49155 Rising edge3	Event name:	0				
Hardware interrupt: PROFINET interface [X Channel address PROFINET interface [X Enable rising edge detection Hardware interrupt: PROFINET interface [X	IO.3 1]\Digital inputs\Channel3\ 0 0 1]\Digital inputs\Channel3\	RidPrefixRisingEdgeE- vent Rising edge3	Rising edge3						
Hardware interrupt: PROFINET interface [X Channel address PROFINET interface [X Enable rising edge detection Hardware interrupt: PROFINET interface [X Enable falling edge	IO.3 1]\Digital inputs\Channel3\ 0	RidPrefixRisingEdgeE- vent Rising edge3		Event name:	0				
Hardware interrupt: PROFINET interface [X Channel address PROFINET interface [X Enable rising edge detection Hardware interrupt: PROFINET interface [X Enable falling edge detection	IO.3 1]\Digital inputs\Channel3\ 0 0 1]\Digital inputs\Channel3\ 0	RidPrefixRisingEdgeE- vent Rising edge3 RidPrefixFallingEdg- eEvent	Rising edge3 49283						
Hardware interrupt: PROFINET interface [X Channel address PROFINET interface [X Enable rising edge detection Hardware interrupt: PROFINET interface [X Enable falling edge	IO.3 1]\Digital inputs\Channel3\ 0 0 1]\Digital inputs\Channel3\ 0	RidPrefixRisingEdgeE- vent Rising edge3	Rising edge3						

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	(1]\Digital inputs\Channel4				
Channel address	10.4 (1]\Digital inputs\Channel4\	Input filters	6.4 millisec	Enable pulse catch	0
nable rising edge		RidPrefixRisingEdgeE-	49156	Event name:	0
detection Hardware interrupt:	0	vent Rising edge4	Rising edge4		
-	(1]\Digital inputs\Channel4\	Kising euge4	Nising eage4		
nable falling edge	0	RidPrefixFallingEdg-	49284	Event name:	0
detection Hardware interrupt:	0	eEvent Falling edge4	Falling edge4		
PROFINET interface [)	(1]\Digital inputs\Channel5				
Channel address	10.5 (1]\Digital inputs\Channel5\	Input filters	6.4 millisec	Enable pulse catch	0
Enable rising edge	0	RidPrefixRisingEdgeE	49157	Event name:	0
detection Hardware interrupt:		vent	Rising edge5		
-	(1]\Digital inputs\Channel5\	Rising edge5	kising eages		
Enable falling edge	0	RidPrefixFallingEdg-	49285	Event name:	0
detection Hardware interrupt:	0	eEvent Falling edge5	Falling edge5		
PROFINET interface [)	(1]\Digital inputs\Channel6				
Channel address	10.6	Input filters	6.4 millisec	Enable pulse catch	0
Enable rising edge	(1]\Digital inputs\Channel6\	RidPrefixRisingEdgeE	- 49158	Event name:	0
detection		vent			
Hardware interrupt: PROFINET interface [)	0 (1]\Digital inputs\Channel6\	Rising edge6	Rising edge6		
Enable falling edge		RidPrefixFallingEdg-	49286	Event name:	0
detection Hardware interrupt:	0	eEvent Falling edge6	Falling edge6		
	0 (1]\Digital inputs\Channel7	in anning eugeo	i uning edgeo		
Channel address	10.7	Input filters	6.4 millisec	Enable pulse catch	0
PROFINET interface [) Enable rising edge	(1]\Digital inputs\Channel7\	RidPrefixRisingEdgeE	- 49159	Event name:	0
detection		vent		Literia iidiiidi	
Hardware interrupt:	0 (1]\Digital inputs\Channel7\	Rising edge7	Rising edge7		
Enable falling edge		RidPrefixFallingEdg-	49287	Event name:	0
detection		eEvent	E III		
Hardware interrupt: PROFINET interface [)	(1]\Analog inputs\Noise reduction	Falling edge7	Falling edge7		
Integration time	50 Hz (20 ms)				
	(1]\Analog inputs\Channel0	Moscuroment type	Voltago	Voltago rango	0.10.
PROFINET interface [) Channel address Smoothing	(1]\Analog inputs\Channel0 IW64 Weak (4 cycles)	Measurement type	Voltage	Voltage range Enable overflow diag-	010 V
Channel address Smoothing	IW64 Weak (4 cycles)	Measurement type	Voltage		
Channel address Smoothing	IW64			Enable overflow diag- nostics	
Channel address Smoothing PROFINET interface [)	IW64 Weak (4 cycles) [1] Analog inputs Channel 1	Measurement type Measurement type	Voltage	Enable overflow diagnostics Voltage range Enable overflow diag-	010 V
Channel address Smoothing PROFINET interface [) Channel address Smoothing	IW64 Weak (4 cycles) (1]\Analog inputs\Channel1 IW66 Weak (4 cycles)			Enable overflow diagnostics Voltage range	010 V
Channel address Smoothing PROFINET interface [) Channel address Smoothing PROFINET interface [) Reaction to CPU STOP	IW64 Weak (4 cycles) [1]\Analog inputs\Channel1 IW66 Weak (4 cycles) [1]\Digital outputs Use substitute value			Enable overflow diagnostics Voltage range Enable overflow diag-	010 V
Channel address Smoothing PROFINET interface [) Channel address Smoothing PROFINET interface [) Reaction to CPU STOP PROFINET interface [)	IW64 Weak (4 cycles) (1]\Analog inputs\Channel1 IW66 Weak (4 cycles) (1]\Digital outputs Use substitute value (1]\Digital outputs\Channel0	Measurement type	Voltage	Enable overflow diagnostics Voltage range Enable overflow diag-	010 V
Channel address Smoothing PROFINET interface [) Channel address Smoothing PROFINET interface [) Reaction to CPU STOP PROFINET interface [)	IW64 Weak (4 cycles) [1]\Analog inputs\Channel1 IW66 Weak (4 cycles) [1]\Digital outputs Use substitute value	Measurement type Substitute a value of 1 on a change from	Voltage	Enable overflow diagnostics Voltage range Enable overflow diag-	010 V
Channel address Smoothing PROFINET interface [) Channel address Smoothing PROFINET interface [) Reaction to CPU STOP PROFINET interface [) Channel address	IW64 Weak (4 cycles) (1]\Analog inputs\Channel1 IW66 Weak (4 cycles) (1]\Digital outputs Use substitute value (1]\Digital outputs\Channel0 Q0.0	Measurement type Substitute a value of	Voltage	Enable overflow diagnostics Voltage range Enable overflow diag-	010 V
Channel address Smoothing PROFINET interface [X Channel address Smoothing PROFINET interface [X Reaction to CPU STOP PROFINET interface [X Channel address PROFINET interface [X Channel address	IW64 Weak (4 cycles) (1]\Analog inputs\Channel1 IW66 Weak (4 cycles) (1]\Digital outputs Use substitute value (1]\Digital outputs\Channel0	Measurement type Substitute a value of 1 on a change from RUN to STOP. Substitute a value of	Voltage	Enable overflow diagnostics Voltage range Enable overflow diag-	010 V
Channel address Smoothing PROFINET interface [X Channel address Smoothing PROFINET interface [X Reaction to CPU STOP PROFINET interface [X Channel address	IW64 Weak (4 cycles) [1]\Analog inputs\Channel1 IW66 Weak (4 cycles) [1]\Digital outputs Use substitute value [1]\Digital outputs\Channel0 Q0.0	Measurement type Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from	Voltage	Enable overflow diagnostics Voltage range Enable overflow diag-	010 V
Channel address Smoothing PROFINET interface [) Channel address Smoothing PROFINET interface [) Reaction to CPU STOP PROFINET interface [) Channel address PROFINET interface [) Channel address	IW64 Weak (4 cycles) [1]\Analog inputs\Channel1 IW66 Weak (4 cycles) [1]\Digital outputs Use substitute value [1]\Digital outputs\Channel0 Q0.0	Measurement type Substitute a value of 1 on a change from RUN to STOP. Substitute a value of	Voltage	Enable overflow diagnostics Voltage range Enable overflow diag-	010 V
Channel address Smoothing PROFINET interface [) Channel address Smoothing PROFINET interface [) Reaction to CPU STOP PROFINET interface [) Channel address PROFINET interface [) Channel address	IW64 Weak (4 cycles) (1]\Analog inputs\Channel1 IW66 Weak (4 cycles) (1]\Digital outputs Use substitute value (1]\Digital outputs\Channel0 Q0.0 (1]\Digital outputs\Channel1 Q0.1	Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP.	Voltage 0	Enable overflow diagnostics Voltage range Enable overflow diag-	010 V
Channel address Smoothing PROFINET interface [) Channel address Smoothing PROFINET interface [) Reaction to CPU STOP PROFINET interface [) Channel address PROFINET interface [) Channel address	IW64 Weak (4 cycles) (1]\Analog inputs\Channel1 IW66 Weak (4 cycles) (1]\Digital outputs Use substitute value (1]\Digital outputs\Channel0 Q0.0 (1]\Digital outputs\Channel1 Q0.1	Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP.	Voltage 0	Enable overflow diagnostics Voltage range Enable overflow diag-	010 V
Channel address Smoothing PROFINET interface [) Channel address Smoothing PROFINET interface [) Reaction to CPU STOP PROFINET interface [) Channel address PROFINET interface [) Channel address PROFINET interface [) Channel address	IW64 Weak (4 cycles)	Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP.	Voltage 0 0	Enable overflow diagnostics Voltage range Enable overflow diag-	010 V
Channel address Smoothing PROFINET interface [) Channel address Smoothing PROFINET interface [) Reaction to CPU STOP PROFINET interface [) Channel address PROFINET interface [) Channel address PROFINET interface [) Channel address	IW64 Weak (4 cycles) (1]\Analog inputs\Channel1 IW66 Weak (4 cycles) (1]\Digital outputs Use substitute value (1]\Digital outputs\Channel0 Q0.0 (1]\Digital outputs\Channel1 Q0.1 (1]\Digital outputs\Channel2 Q0.2	Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP.	Voltage 0 0	Enable overflow diagnostics Voltage range Enable overflow diag-	010 V
Channel address Smoothing PROFINET interface [) Channel address Smoothing PROFINET interface [) Reaction to CPU STOP PROFINET interface [) Channel address	IW64 Weak (4 cycles) (1]\Analog inputs\Channel1 IW66 Weak (4 cycles) (1]\Digital outputs Use substitute value (1]\Digital outputs\Channel0 Q0.0 (1]\Digital outputs\Channel1 Q0.1 (1]\Digital outputs\Channel2 Q0.2 (1]\Digital outputs\Channel3 Q0.3	Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP.	Voltage 0 0	Enable overflow diagnostics Voltage range Enable overflow diag-	010 V
Channel address Smoothing PROFINET interface [) Channel address Smoothing PROFINET interface [) Reaction to CPU STOP PROFINET interface [) Channel address	IW64 Weak (4 cycles) (1]\Analog inputs\Channel1 IW66 Weak (4 cycles) (1]\Digital outputs Use substitute value (1]\Digital outputs\Channel0 Q0.0 (1]\Digital outputs\Channel1 Q0.1 (1]\Digital outputs\Channel2 Q0.2 (1]\Digital outputs\Channel3 Q0.3	Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP.	Voltage 0 0 0	Enable overflow diagnostics Voltage range Enable overflow diag-	010 V
Channel address Emoothing PROFINET interface [2] Channel address Emoothing PROFINET interface [2] PROFINET interface [2] Channel address	IW64 Weak (4 cycles) (1]\Analog inputs\Channel1 IW66 Weak (4 cycles) (1]\Digital outputs Use substitute value (1]\Digital outputs\Channel0 Q0.0 (1]\Digital outputs\Channel1 Q0.1 (1]\Digital outputs\Channel2 Q0.2 (1]\Digital outputs\Channel3 Q0.3	Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP.	Voltage 0 0 0	Enable overflow diagnostics Voltage range Enable overflow diag-	010 V
Channel address Smoothing PROFINET interface [) Channel address Smoothing PROFINET interface [) Channel address	IW64 Weak (4 cycles) (1]\Analog inputs\Channel1 IW66 Weak (4 cycles) (1]\Digital outputs Use substitute value (1]\Digital outputs\Channel0 Q0.0 (1]\Digital outputs\Channel1 Q0.1 (1]\Digital outputs\Channel2 Q0.2 (1]\Digital outputs\Channel3 Q0.3	Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP.	Voltage 0 0 0	Enable overflow diagnostics Voltage range Enable overflow diag-	010 V
Channel address Emoothing PROFINET interface [) Channel address Emoothing PROFINET interface [) Channel address	IW64 Weak (4 cycles) (1]\Analog inputs\Channel1 IW66 Weak (4 cycles) (1]\Digital outputs Use substitute value (1]\Digital outputs\Channel0 Q0.0 (1]\Digital outputs\Channel1 Q0.1 (1]\Digital outputs\Channel2 Q0.2 (1]\Digital outputs\Channel3 Q0.3	Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP.	Voltage 0 0 0 0	Enable overflow diagnostics Voltage range Enable overflow diag-	010 V
Channel address Emoothing PROFINET interface [) Channel address Emoothing PROFINET interface [) Channel address	IW64 Weak (4 cycles)	Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP.	Voltage 0 0 0 0	Enable overflow diagnostics Voltage range Enable overflow diag-	010 V
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Channel address Smoothing PROFINET interface [) Channel address Smoothing PROFINET interface [) Channel address	IW64 Weak (4 cycles) (1]\Analog inputs\Channel1 IW66 Weak (4 cycles) (1]\Digital outputs Use substitute value (1]\Digital outputs\Channel0 Q0.0 (1]\Digital outputs\Channel1 Q0.1 (1]\Digital outputs\Channel2 Q0.2 (1]\Digital outputs\Channel3 Q0.3 (1]\Digital outputs\Channel4 Q0.4 (1]\Digital outputs\Channel5 Q0.5 (1]\Digital outputs\Channel5 Q0.5	Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP.	Voltage 0 0 0 0	Enable overflow diagnostics Voltage range Enable overflow diag-	010 V
Channel address Emoothing PROFINET interface [) Channel address Emoothing PROFINET interface [) Channel address	IW64 Weak (4 cycles) (1]\Analog inputs\Channel1 IW66 Weak (4 cycles) (1]\Digital outputs Use substitute value (1]\Digital outputs\Channel0 Q0.0 (1]\Digital outputs\Channel1 Q0.1 (1]\Digital outputs\Channel2 Q0.2 (1]\Digital outputs\Channel3 Q0.3 (1]\Digital outputs\Channel4 Q0.4 (1]\Digital outputs\Channel5 Q0.5 (1]\Digital outputs\Channel5 Q0.5	Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP.	Voltage 0 0 0 0	Enable overflow diagnostics Voltage range Enable overflow diagnostics	010 V -1
Channel address Emoothing PROFINET interface [) Channel address Emoothing PROFINET interface [) Channel address	IW64 Weak (4 cycles) (1]\Analog inputs\Channel1 IW66 Weak (4 cycles) (1]\Digital outputs Use substitute value (1]\Digital outputs\Channel0 Q0.0 (1]\Digital outputs\Channel1 Q0.1 (1]\Digital outputs\Channel2 Q0.2 (1]\Digital outputs\Channel3 Q0.3 (1]\Digital outputs\Channel4 Q0.4 (1]\Digital outputs\Channel5 Q0.5 (1]\Digital outputs\Channel5 Q0.5	Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP.	Voltage 0 0 0 0	Enable overflow diagnostics Voltage range Enable overflow diagnostics Device number	010 V -1
Channel address Smoothing PROFINET interface [XChannel address Smoothing PROFINET interface [XChannel address PROFINET interface [XChannel addr	IW64 Weak (4 cycles) Wea	Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP.	Voltage 0 0 0 0 0	Enable overflow diagnostics Voltage range Enable overflow diagnostics Device number	010 V 1
Channel address Emoothing PROFINET interface [2] Channel address Emoothing PROFINET interface [2] Channel address PROFINET interface [3] Channel address PROFINET interface [3] Channel address PROFINET interface [4] Channel address PROFINET interface [4] Channel address PROFINET interface [5] Channel address	IW64 Weak (4 cycles) Use substitute value Weak (1]\Digital outputs\Channel0 Q0.0 Q0.0 Weak (1]\Digital outputs\Channel1 Q0.1 Weak (1]\Digital outputs\Channel3 Q0.2 Q0.2 Weak (1]\Digital outputs\Channel4 Q0.4 Q0.4 Weak (1]\Digital outputs\Channel5 Q0.5 Weak (4 cycles) Weak	Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. IO system End address	Voltage 0 0 0 0 0 0 0 0	Enable overflow diagnostics Voltage range Enable overflow diagnostics Device number Organization block	010 V 1
Channel address Emoothing PROFINET interface [) Channel address Emoothing PROFINET interface [) Channel address PROFINET interface [)	IW64 Weak (4 cycles) Use substitute value Weak (1]\Digital outputs\Channel0 Q0.0 Q0.0 Weak (1]\Digital outputs\Channel1 Q0.1 Q0.2 Weak (1]\Digital outputs\Channel3 Q0.3 Weak (1]\Digital outputs\Channel4 Q0.4 Q0.5 Weak (1]\Digital outputs\Channel5 Q0.5 Weak (1]\Digital outputs\Channel5 Q0.5 Weak (1]\Digital outputs\Channel5 Q0.5 Weak (1]\Wo addresses\Input addresses Q0.0 Q0 Weak (1]\Wo addresses\Input addresses Q0.0 Q1 Q1 Q1 Q1 Q1 Q1 Q1 Q	Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP.	Voltage 0 0 0 0 0	Enable overflow diagnostics Voltage range Enable overflow diagnostics Device number Organization block	010 V 1
Channel address Smoothing PROFINET interface [) Channel address Smoothing PROFINET interface [) Channel address PROFINET interface [) Start address PROFINET interface [) Start address PROFINET interface [) Start address Process image PROFINET interface [) Start address Process image PROFINET interface [) Start address Process image	IW64 Weak (4 cycles)	Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP. IO system End address	Voltage 0 0 0 0 0 0 0 0	Enable overflow diagnostics Voltage range Enable overflow diagnostics Device number Organization block Organization block	010 V 1

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	(1]\Advanced options\Interface option				<u></u>
Support device re- placement without	True	Permit overwriting of device names of all	False	Use IEC V2.2 LLDP mode	False
exchangeable medi-		assigned IO devices		illoue	
um					
Keep-Alive connec-	30s				
tion monitoring	(4.1) A decree of a set of a 1D and the set of the set				
PROFINET INTERTACE (X Send clock:	(1]\Advanced options\Real time settin	gs\IO communication			
· · · · · · · · · · · · · · · · · · ·	1.000ms (1]\Advanced options\Real time settin	gs\Real time options			
Calculated bandwidth	_ ·	Calculated bandwidth	0.000%		
for cyclic IO data:		for cyclic IO data:			
	(1]\Advanced options\Port [X1 P1]\Ge				
Name	Port_1	Author	RV	Comment	
PROFINET Interface [X Local port:	(1]\Advanced options\Port [X1 P1]\Port PLC_2\PROFINET interface_1	t interconnection\Loca Medium:	1	Cable name:	
Local port.	[X1]\Port_1 [X1 P1]	ivieuiuii.	Copper	Cable Hallie.	
	[
			mm .		
		E 6			
PROFINET interface [X	(1]\Advanced options\Port [X1 P1]\Po	1	•		
	Monitoring of partner port is not possible	Partner port:	Any partner		
PROFINET interface IV	SIDIE (1]\Advanced options\Port [X1 P1]\Poi	rt options\Activate			
Activate this port for		. Spainismeavate			
ise					
	(1]\Advanced options\Port [X1 P1]\Port				
Transmission rate /	Automatic	Monitor	False	Enable autonegotia-	True
duplex:				tion	
ROFINET Interface (X End of detection of	(1]\Advanced options\Port [X1 P1]\Por	End of topology dis-	False	End of the sync do-	False
ccessible devices	raise	covery	raise	main	raise
	(1]\Web server access	- Covery		, main	
nable Web server us	-	The Web server must			
ng this interface		also be activated in			
		the properties of the PLC.			
liah sneed counters ((HSC)\HSC1\General\Enable	FLC.			
Enable this high	0	Enable this high	0	Enable this high	0
speed counter		speed counter		speed counter	
Enable this high	0	Enable this high	0	Enable this high	0
speed counter	(155)1155415 119 :	speed counter		speed counter	
Hign speed counters (Name	(HSC)\HSC1\General\Project information HSC_1	Comment		Name	HSC_2
Comment	H3C_1	Name	HSC_3	Comment	H3C_2
Name	HSC_4	Comment	1136_3	Name	HSC_5
Comment		Name	HSC_6	Comment	
High speed counters ((HSC)\HSC1\I/O addresses\Input addre	sses	<u> </u>	"	
Start address	1000.0	End address	1003.7	Start address	1004.0
nd 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 End address	1023.7	Process image Organization block	0	Start address Process image	1020.0
Organization block	0	Process image	0	Process image	0
	D/PWM)\PTO1/PWM1\General\Enable				
nable this pulse gen		Enable this pulse gen	- 0		
erator		erator			
	D/PWM)\PTO1/PWM1\General\Project i			.	
Name	Pulse_1	Comment		Name	Pulse_2
Comment	V/DW/M)\PTO1/DW/M1\UOl-l\O	tout addresses			
ruise generators (PTC Start address	D/PWM)\PTO1/PWM1\I/O addresses\Ou 1000.0	End addresses	1001.7	Start address	1002.0
ind address	1003.7	Organization block	0	Organization block	0
Process image	0	Process image	0	<u> </u>	!
tartup					
•			Startup CPU even if mismatch	Configuration time	60000ms
ON	OFF	actual configuration			
OBs should be inter- uptible	1				
Cycle					
Cycle monitoring	150ms			Enable minimum cy-	0
ime				cle time for cyclic OB	
Minimum cycle time	1ms				
Communication load					
Cycle load due to	20%				
communication	mory/System memory hits				
system and clock mer Enable the use of sys-	mory\System memory bits	Address of system	1	First cycle	%M1.0 (FirstScan)
em memory byte	i e	memory byte (MBx)		se cycle	.om no (macacum)
Diagnostic status	%M1.1 (DiagStatusUpdate)	Always 1 (high)	%M1.2 (AlwaysTRUE)	Always 0 (low)	%M1.3 (AlwaysFALSE)
changed					
					I

0.1 (Clock_5Hz) 0.4 (Clock_1.25Hz) 0.7 (Clock_0.5Hz)	lles a ma a m r la reta				10 Hz clock	
0.4 (Clock_1.25Hz) 0.7 (Clock_0.5Hz)	memory byte 2.5 Hz clock		%M0.2 (Clock_2.5Hz)		21111	0/10.2 (61-1, 211-)
0.7 (Clock_0.5Hz)	1 Hz clock	· - ·			2 Hz clock 0.625 Hz clock	%M0.3 (Clock_2Hz) %M0.6 (Clock_0.625Hz)
e) -	, , ,
e	Downit acces	s only True				
	Permit access with HTTPS	s only				
late e	Update interv	val Os				
=	opuate interv	vai US				
languages						
			User interface lang	guages		
			English			
			French			
			Spanish			
			Italian Chinese (simplified)		
nent			crimese (simplified)	,		
			User rights			
veb pages	Defeult UTM		Files with domain		Wah DD mumban	Fue was suit DD wound an
HTML source path	Default HTML index.htm	L page	Files with dynamic	c content	Web DB number 333	Fragment DB number
iterfaces			, ,		<u> </u>	·
	Interface				Enabled web server a	ccess
	PROFINET inte	erface_1			False	
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			German	guages		
			English			
			French			
			Spanish Italian			
			Chinese (simplified)		
C +01:00) Berlin, Bern, Brussels, ne, Stockholm, Vienna						
ng time						
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ng time\Start of daylight saving ti		Sund	ay		of	March
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protection						
nection mechanisms						
2						
figuration control for central con	figuration					
nguration control for central con	nguration					
Station resources - Res	erved - Max- S	tation resource			ources - Dynamic - Con	
imum						1212C AC/DC/Rly] - Configure
						68 Configured
	-	omigarea	-	-		-
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12 8 8 30 -		Truo			Address dans	False
12 8 8 30 -	-				, waress yaps	i disc
rces:	Maximum 4 12 8 8 8	imum fi Maximum 6 4 - 12 0 8 2 8 0 30 - - - 2 6 addresses\Overview of addresses	figured 62 Maximum Configured 4 - 12 0 8 2 8 0 30 - - - 2 60	figured 62 Maximum Configured 4 - 12 0 8 2 8 0 30 - - 2 60 addresses\Overview of addresses	figured figured 62 6 Maximum Configured Configured 4 - - 12 0 0 8 2 0 8 0 0 30 - - - - 0 2 0 0 60 6 6	62 6 Maximum Configured Configured 4

Totally Integrated
Automation Portal

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

ain Propertie eneral ame umbering	Main Automatic	Number	1		Туре	ОВ	Language	LAD	
formation tle	"Main Program Sweep (Cy- cle)"				Comment		Family		
ersion	0.1	User-defined Data type	!	Default value		Comment			
r Input							_		
Initial_Ca Remaner		Bool Bool				Initial call of this C =True, if remanen	B t data are available		
Temp Constant									
	Operation mode			<u> </u>					

Totally Integrated **Automation Portal** %DB2 "Operation_ modes_DB" %FB1 "Operation_modes" %DB3.DBX2.4 "Operation_ mode_DB". %DB3.DBX0.2 "Operation_ mode_DB". OperatingModes. Operating Modes.
Output. automatic Input.start __ in_start out_automatic = %DB3.DBX2.5 %DB3.DBX0.3 "Operation_ mode_DB". OperatingModes. Output.manual "Operation_ mode_DB". OperatingModes.
Input.stop in_stop out_manual = %DB3.DBX0.0 "Operation_ mode_DB". Operating Modes.
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". Operating Modes. Input.reset_ estop — in_reset_estop %DB3.DBX0.7 "Operation_ mode_DB". OperatingModes. Input.error %DB3.DBX1.1 "Operation_ mode_DB". OperatingModes. Input.reset_ error _ in_reset_error %DB3.DBX0.5 "Operation_ mode_DB". mode_DB .
OperatingModes.
Input.user_
interaction interaction %DB3.DBX2.3 "Operation_ mode_DB". OperatingModes. Output.started — out_start %DB3.DBX2.0 "Operation_ mode_DB". OperatingModes.
Output. out_ automatic_ selected 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

ally Integrated	
ation Portal	

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

Operation_mode_DB [DB3]

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

Name	Data type	Offset	Start value	Retain	Accessi- ble from HMI/OPC UA	able	HMI engi- neering	Setpoint	Supervi- sion	Comment
▼ Static										
▼ Operating Modes	"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		

Totally Integrated	
Automation Porta	I

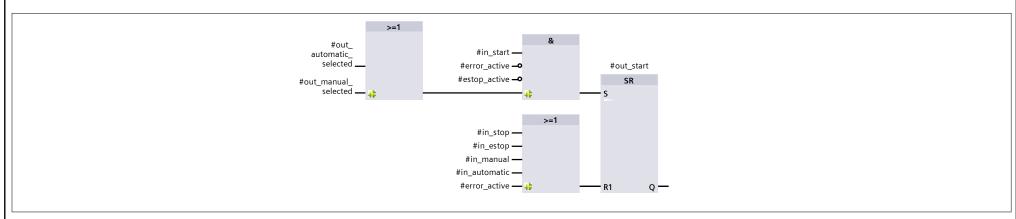
Task3_V15 / PLC_2 [CPU 1212C AC/DC/Rly] / Program blocks / Operation modes

Operation_modes [FB1]

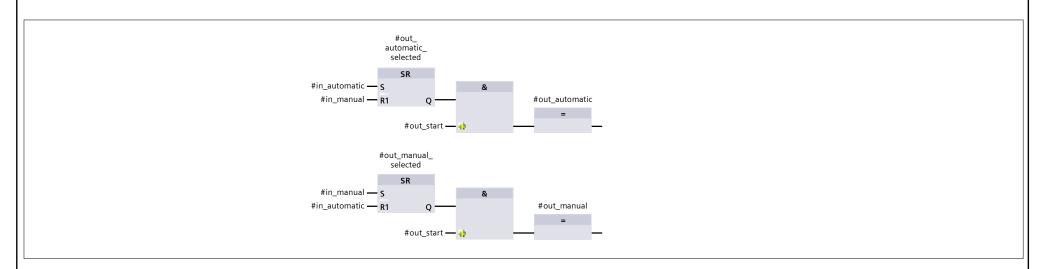
Operation_mo	odes Properties						
General							
Name	Operation_modes	Number	1	Туре	FB	Language	FBD
Numbering	Automatic						
Information							
Title	Operation modes	Author		Comment		Family	
Version	0.1	User-defined ID			•		

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

Network 1: Start/Stop operation



Network 2: Automatic/Manual mode



Network 3: E-Stop

Totally Integrated Automation Portal		
Automation Fortal		
	#estop_active RS	
	#in_reset_estop — R #in_estop — S1 Q —	
Network 4: Error		
	#error_active RS	
	#in_reset_error — R #in_error — S1 Q —	
	1	

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	Туре	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	able	Visible in HMI engi- neering		Supervi- sion	Comment
▼ Input									
in_start	Bool	false	False	True	True	True	False		
in_stop	Bool	false	False	True	True	True	False		
in_automatic	Bool	false	False	True	True	True	False		
in_manual	Bool	false	False	True	True	True	False		
in_estop	Bool	false	False	True	True	True	False		
in_reset_estop	Bool	false	False	True	True	True	False		
in_error	Bool	false	False	True	True	True	False		
in_reset_error	Bool	false	False	True	True	True	False		
in_user_interaction	Bool	false	False	True	True	True	False		
Output									
out_automatic	Bool	false	False	True	True	True	False		
out_manual	Bool	false	False	True	True	True	False		
▼ InOut									
out_start	Bool	false	False	True	True	True	False		
out_automatic_selected	Bool	false	False	True	True	True	False		
out_manual_selected	Bool	false	False	True	True	True	False		
estop_active	Bool	false	False	True	True	True	False		
warning	Bool	false	False	True	True	True	False		
error_active	Bool	false	False	True	True	True	False		
Static									

Totally Integrated Automation Portal		
Task3_V15 / PL0	C_2 [CPU 1212C AC/DC/Rly]	
Technology objec		
This folder is empty.		

Totally Integrated Automation Portal		
Task3_V15 / PL0	C_2 [CPU 1212C AC/DC/Rly] / PLC tags / Default tag table [41]	

PLC tags

PLC	PLC tags										
	Name	Data type	Address	Retain	Accessi- ble from HMI/OPC UA	Writable from HMI/OPC UA	HMI engi-	Comment			
-011	System_Byte	Byte	%MB1	False	True	True	True				
(III)	FirstScan	Bool	%M1.0	False	True	True	True				
-03	DiagStatusUpdate	Bool	%M1.1	False	True	True	True				
-111	AlwaysTRUE	Bool	%M1.2	False	True	True	True				
(III)	AlwaysFALSE	Bool	%M1.3	False	True	True	True				
(III)	Clock_Byte	Byte	%MBO	False	True	True	True				
III	Clock_5Hz	Bool	%M0.1	False	True	True	True				
-Œ	Clock_2.5Hz	Bool	%M0.2	False	True	True	True				
-Œ	Clock_2Hz	Bool	%M0.3	False	True	True	True				
-ŒII	Clock_1.25Hz	Bool	%M0.4	False	True	True	True				
III	Clock_1Hz	Bool	%M0.5	False	True	True	True				
40	Clock_0.625Hz	Bool	%M0.6	False	True	True	True				
411	Clock_0.5Hz	Bool	%M0.7	False	True	True	True				

Totally Integrated Automation Portal					
Task3_V15 / PLC	C_2 [CPU 1212C AC/I	DC/Rly] / PLC tags /	Default tag table [41]		
User constants Name		Data type	Value	Comment	
		- January Po	10000		

me SignalLight Number 1 Type UDT Language mbering ormation le Author Comment Family	gnalLight Pro eneral	perties										
	ime	SignalLight		Number	1		Туре	UD	Γ		Language	
Author User-defined D												
Segment Byte 16#0 True True False Segment Segment Byte 16#0 True True False Segment Segment Byte 16#0 True True True False Segment Segment Byte 16#0 True True True False Segment Segment Segment Byte 16#0 True True True False Segment Segment Segment Byte 16#0 True True True False Segment Segment Byte 16#0 True True True False Segment	:le			Author			Comment				Family	
From HMI/OPC UA from HMI/OPC UA from HMI/OPC UA from HMI/OPC UA MINIOPC UN MINIOPC UA MINIOPC UN MINIOPC UN MINIOPC UN MINIOPC UN MINIOPC UA MINIOPC UN MI	rsion			User-defi	ned ID						1	
Segment1Byte16#0TrueTrueTrueFalseSegment2Byte16#0TrueTrueTrueFalseSegment3Byte16#0TrueTrueTrueFalseSegment4Byte16#0TrueTrueTrueFalseSegment5Byte16#0TrueTrueTrueFalse	me		Data type		Offset	Default value	from	able fro m	HMI engi- neering	Setpoint	Comment	
Segment1Byte16#0TrueTrueTrueFalseSegment2Byte16#0TrueTrueTrueFalseSegment3Byte16#0TrueTrueTrueFalseSegment4Byte16#0TrueTrueTrueFalseSegment5Byte16#0TrueTrueTrueFalse								OPC				
Segment3Byte16#0TrueTrueTrueFalseSegment4Byte16#0TrueTrueTrueFalseSegment5Byte16#0TrueTrueTrueFalse	Segment1		Byte			16#0	True		True	False		
Segment4Byte16#0TrueTrueTrueFalseSegment5Byte16#0TrueTrueTrueFalse	Segment2		Byte									
Segment5 Byte 16#0 True True False												
•												
			1		-	'	· ·	•				

Totally Integ									
Task3_V* Operation	Modes	CPU 121	2C AC/DC	[/Rly] / PLC data t	ypes				
General									
Name	OperationModes	N	lumber	2	Туре	UDT		Language	
Numbering						'			,
Information									
Title		Α	uthor		Comment			Family	
Version		U	Iser-defined ID						
Name		Data type	Offse	t Default value	from	Writ Visible in Se	tpoint Co	omment	

litie	Auth	or		Comment				Family
Version	User	-defined ID						
Name	Data type	Offset	Default value	from HMI/OPC UA	able	HMI engi- neering		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	

True

True True

False

false

error_active

Bool

Totally Integrated Automation Portal					
Task3_V15 / PLC	C_2 [CPU 1212C AC/D	C/Rly] / Watch and forc	e tables		
Name	Address	Display format	Force value	Comment	
		pioping remine			

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nation Portal	

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		

Totally Integrated Automation Portal		
	C_2 [CPU 1212C AC/DC/Rly]	
Traces		
Name		

Totally Integrated Automation Portal		
Task3_V15 / PL0	C_2 [CPU 1212C AC/DC/Rly] / Traces	
Measurements		
This folder is empty.		
	I	

Totally lotagrated		
Totally Integrated Automation Portal		
Combined measu	C_2 [CPU 1212C AC/DC/Rly] / Traces	
	rements	
Name		

Totally Integrated Automation Portal		
Task3_V15 / PL0	C_2 [CPU 1212C AC/DC/Rly]	
PLC alarm text list		
This folder is empty.		

Totally Integrated Automation Portal		
Task3_V15 / PL0	C_2 [CPU 1212C AC/DC/Rly]	
Local modules		
This folder is empty.		

Totally Integrated Automation Portal		
Task3_V15		
HMI_1 [КТР400 Ва	sic PN]	
General Name	HMI_1	

Totally Integrated Automation Portal					
Task3_V15 / F	IMI_1 [KTP400 Basic PI	N]			
Runtime setting	gs				
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 system diagnostics	Checked		2 Seconds	Connection	HMI_Connection_1
User administration	on				
Enable limit for logon	Checked	Invalid logon at-	3	Logon with password	Unchecked
attempts Group-specific rights Warning period	Unchecked 7	tempts Password aging Password generations	Unchecked 3	Validity period At least one special	90 Unchecked
At least one number	Unchecked	Minimum password length	3	character	
Language & font		-		-	
Preset runtime langua	ge	English (United	d States)		
English (United State	tes)				
Runtime language Configured font 1	Checked	Fixed font 1	Tahoma	Default font	Tahoma, 11 Pixel
Tag settings					
Replace the separa- tors on each sub-level of the path of the PLC tag:		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	Checked
Use '{' and '}' as re- placement characters	Checked	Use '(' and ')' as re- placement characters	Unchecked	PLC tag name	
Settings for the pre	fix 'PLC' in the HMI tag name				
Connection	HMI_Connection_1		PLC name as prefix in the HM tag name	II Unchecked	

Totally Integrated Automation Portal					
Task3_V15 / F	HMI_1 [KTP400 Basic Pl	N] / Screens			
Root screen	_				
Hardcopy of Root	screen				
.,		ntion Modes			
	St St Auto	Reset Erro Reset Erro Reset E-sto		ON g ON	
General Name	Root screen	Background color 2	55, 255, 255	Grid color	0, 0, 0
Number	1		emplate_1	Tooltip	
Layers Active layer	0				
-	0				
Layer_0 Layer_1			Checked Checked		
Layer_1 Layer_2			Checked		
Layer_3			Checked		
_ayer4			Checked		
_ayer_5			Checked		
_ayer_6 _ayer_7			Checked Checked		
_ayer_8			Checked		
ayer_9			Checked		
_ayer_10			Checked		
Layer_11			Checked		
Layer_12 Layer_13			Checked Checked		
Layer_13 Layer_14			Checked		
_ayer_15			Checked		
_ayer_16			Checked		
_ayer_17			Checked		
_ayer_18 _ayer_19			Checked Checked		
_ayer_19 _ayer_20			Checked		
_ayer_20 _ayer_21			Checked		
_ayer_22			Checked		
Layer_23			Checked		
Layer_24			Checked		
Layer_25			Checked		
Layer_26			Checked		
Layer_27 Layer_28			Checked Checked		
Layer_28 Layer_29			Checked		
Layer_30			Checked		
Layer_31			Checked		
<i>,</i> –					

Text	fiel	ld_1
------	------	------

Type	Text field				
General					
Text	Operation Modes				
Appearance					
Background color	255, 255, 255	Background fill pat- tern	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 appear- ance			

Totally Integrated Automation Portal					
Miscellaneous	T . C 1. 4	•		I	
Name Button_1	Text field_1	Layer	0 - Layer_0		
Type General	Button			_	
Mode Toxt ON	Text	Hotkey Toyt list	None	Text OFF	Start
Text ON Graphic ON	Text	Text list Graphic list		Graphic OFF Process value	
Bit number	0	•			
Appearance Background color	99, 101, 115	Background fill pat-	Vertical gradient	Corner radius (bor-	3
		tern		der)	
Foreground color Border color	255, 255, 255 66, 73, 82	Border width Border background	2 107, 105, 107	Line style	Solid
border color	00, 73, 62	color	107, 103, 107		
Fill pattern Background color gra-	00 101 115	Gradient 1 (fill pat-	Checked	Color gradient 1 (fill	132, 134, 140
dient (fill pattern)		tern)	Checked	pattern)	132, 134, 140
Offset gradient 1 (fill pattern)	15	Gradient 2 (fill pat- tern)	Checked	Color gradient 2 (fill pattern)	90, 89, 99
Offset gradient 2 (fill	15	terny		patterny	
pattern)					
Design Focus width	2	Focus color	148, 182, 231		
Layout					
X position Height	22 32	Y position Fit graphic to size	37 Stretch graphic	Width Horizontal alignment	96 Centered
				of the graphic	
Vertical alignment of the graphic	Middle	Fit object to contents	Unchecked	Margin left text (lay- out)	0
Margin top text (lay-	0	Margin right text (lay-	-0	Margin bottom text	0
out)		out)		(layout)	
Margin left graphic (layout)	0	Margin top graphic (layout)	0	Margin right graphic (layout)	U
Margin bottom	0				
graphic (layout) Text format					
Font	Tahoma, 13px, style=Bold	Orientation	Horizontal	Horizontal alignment of the text	Centered
Vertical alignment of the text Styles/Designs	Middle				
Use style/design Miscellaneous	Unchecked	Style item appear- ance			
Name	Button_1	Layer	0 - Layer_0	Tooltip	
Security Authorization		Allow appretances	Checked		
		Allow operator control	Спескеа		
Dynamizations\Event Event name		Press			
Function list\SetBit\	WhileKeyPressed				
Tag	in_start		Bit	0	
	'			· · · · · · · · · · · · · · · · · · ·	
Dynamizations\Appea Tag - Cycle	out_started -	Data type	Range	Range	00
Foreground color	255, 255, 255	Background color	99, 101, 113	Flashing	No
Range Flashing	11 No	Foreground color	255, 255, 255	Background color	0, 255, 0
Button_2					
Type	Button				
General Mode	Text	Hotkey	None	Text OFF	Stop
Text ON	Text	Text list		Graphic OFF	
Graphic ON Bit number	0	Graphic list		Process value	
Appearance					
Background color	99, 101, 115	Background fill pat- tern	Vertical gradient	Corner radius (border)	3
Foreground color Border color	255, 255, 255 66, 73, 82	Border width Border background color	107, 105, 107	Line style	Solid
Fill pattern					
Background color gra- dient (fill pattern)	99, 101, 115	Gradient 1 (fill pat- tern)	Checked	Color gradient 1 (fill pattern)	132, 134, 140
Offset gradient 1 (fill	15	Gradient 2 (fill pat-	Checked	Color gradient 2 (fill	90, 89, 99
pattern) Offset gradient 2 (fill pattern)	15	tern)		pattern)	
Design					
Focus width	2	Focus color	148, 182, 231		
Layout X position	22	Y position	74	Width	96
				J L	

leight	32	Fit graphic to size	Stretch graphic	Horizontal alignment	Centered
ertical alignment of	Middle	Fit object to contents	Unchecked	of the graphic Margin left text (lay-	0
ne graphic				out)	
largin top text (lay- ut)	0	Margin right text (lay- out)	0	Margin bottom text (layout)	0
largin left graphic	0	Margin top graphic	0	Margin right graphic	0
ayout) Iargin bottom	0	(layout)		(layout)	
raphic (layout)					
ext format	T 42 1 D 1				
ont	Tahoma, 13px, style=Bold	Orientation	Horizontal	Horizontal alignment of the text	Centered
ertical alignment of he text	Middle			,,	
tyles/Designs Ise style/design	Unchecked	Style item appear-			
	offeredada	ance			
liscellaneous lame	Button_2	Lavor	0 - Layer_0	Tooltip	
ecurity	Button_2	Layer	U - Layer_U	Поопр	
uthorization		Allow operator control	Checked		
ynamizations\Event		Press			
- - - - - - - - - - - - - - - - - - -	While Key Pressed				
ag	in_stop		Bit	0	
ynamizations\Appea		D-4-1	D	n	1 1
ag - Cycle oreground color	out_started - 255, 255, 255		Range 99, 101, 115	Range Flashing	11 No
ange	00		255, 255, 255		255, 0, 0
lashing	No				
Button_3					
уре	Button				
ieneral	Toyt	Hotkov	None	Toyt OFF	Automatic
Mode Text ON	Text Text	Hotkey Text list	None	Text OFF Graphic OFF	Automatic
iraphic ON	TOAC	Graphic list		Process value	
it number	0			'	
ppearance	99, 101, 115	Packaround fill pat	Vertical gradient	Corner radius (bor-	3
ackground color	99, 101, 115	Background fill pat- tern	vertical gradient	der)	5
oreground color	255, 255, 255	Border width	2	Line style	Solid
order color	66, 73, 82	Border background color	107, 105, 107		
ill pattern		COIOI			
ackground color gra	99, 101, 115	Gradient 1 (fill pat-	Checked	Color gradient 1 (fill	132, 134, 140
ient (fill pattern) Offset gradient 1 (fill	15	tern) Gradient 2 (fill pat-	Checked	pattern) Color gradient 2 (fill	90, 89, 99
attern)		tern)	Checked	pattern)	30, 03, 33
Offset gradient 2 (fill	15				
attern) Jesign					
ocus width	2	Focus color	148, 182, 231		
ayout	I		1		
C position leight	22 32	Y position Fit graphic to size	112 Stretch graphic	Width Horizontal alignment	96 Centered
leight		Tit grapine to size	Stretch graphic	of the graphic	Centered
ertical alignment of	Middle	Fit object to contents	Unchecked	Margin left text (lay-	0
he graphic Nargin top text (lay-	0	Margin right text (lay-	0	out) Margin bottom text	0
ut)		out)		(layout)	
Nargin left graphic layout)	0	Margin top graphic (layout)	0	Margin right graphic (layout)	0
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raphic (layout)					
ext format ont	Tahoma, 13px, style=Bold	Orientation	Horizontal	Horizontal alignment	Centered
ertical alignment of	· · ·	Offentation	Horizontal	of the text	Centereu
he text					
tyles/Designs Ise style/design	Unchecked	Style item appear-			
/liscellaneous		ance			
lame	Button_3	Layer	0 - Layer_0	Tooltip	
ecurity		Allandara	Charked		
uthorization		Allow operator con- trol	Checked		
ynamizations\Event		Press			

Totally Integrated Automation Portal					
Function list\SetBit\	While Key Pressed				
Tag	in_automatic		Bit	0	
Dynamizations\Appea					
	out_automatic_selected - 255, 255, 255		Range 99, 101, 115		00 No
Range	11		255, 255, 255		0, 255, 0
Flashing	No				
Button_4					
Туре	Button				
General					
	Text Text	Hotkey Text list	None	Text OFF Graphic OFF	Manual
Graphic ON	lext	Graphic list		Process value	
	0				
Appearance Background color	99, 101, 115	Background fill pat-	Vertical gradient	Corner radius (bor-	3
		tern	-	der)	
Border color	255, 255, 255 66, 73, 82	Border width Border background color	107, 105, 107	Line style	Solid
Fill pattern Background color gra-	00 404 445	Conditions 1 (fill past	Checked	Calar and ant 1 (fill	122 124 140
dient (fill pattern)		Gradient 1 (fill pat- tern)		pattern)	132, 134, 140
Offset gradient 1 (fill pattern)	15	Gradient 2 (fill pat- tern)	Checked	Color gradient 2 (fill pattern)	90, 89, 99
Offset gradient 2 (fill	15	tern)		pattern <i>i</i>	
pattern)					
Design Focus width	2	Focus color	148, 182, 231		
Layout		"			
<u> </u>	32	Y position Fit graphic to size	149 Stretch graphic	Width Horizontal alignment	96 Centered
			- '	of the graphic	
Vertical alignment of the graphic	Middle	Fit object to contents	Unchecked	Margin left text (lay- out)	0
Margin top text (lay-	0	Margin right text (lay-	-0	Margin bottom text	0
out) Margin left graphic	0	out) Margin top graphic	0	(layout) Margin right graphic	
(layout)		(layout)		(layout)	O .
Margin bottom graphic (layout) Text format	0				
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 Security	Button_4	Layer	0 - Layer_0	Tooltip	
Authorization		Allow operator control	Checked		
Dynamizations\Event					
Event name		Press			
Function list\SetBit\	WhileKeyPressed				
Tag	in_manual		Bit	0	
Dynamizations\Appea	'				
Tag - Cycle	out_manual_selected -	Data type	Range		00
	255, 255, 255	1	99, 101, 115		No 0.255.0
	11 No	Foreground color	255, 255, 255	Background color	0, 255, 0
Switch_1					
<i>7</i> 1	Switch				
General Process value		Value status ON	1	Mode	Switch with text
Text ON	Simulate E-Stop OFF		Simulate E-Stop ON	Graphic ON	SWITCH WITH TEAL
Graphic OFF					
Appearance Foreground color	255, 255, 255	Background color	99, 101, 115	Inner background col-	- 247. 243, 247
		_		or ON	
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 pat-	Vertical gradient	Background color gra-	99. 101. 115	Gradient 1 (fill pat-	Checked
tern Color gradient 1 (fill	132, 134, 140	dient (fill pattern) Offset gradient 1 (fill		tern) Gradient 2 (fill pat-	Checked
pattern)	<u> </u>	pattern)		tern)	

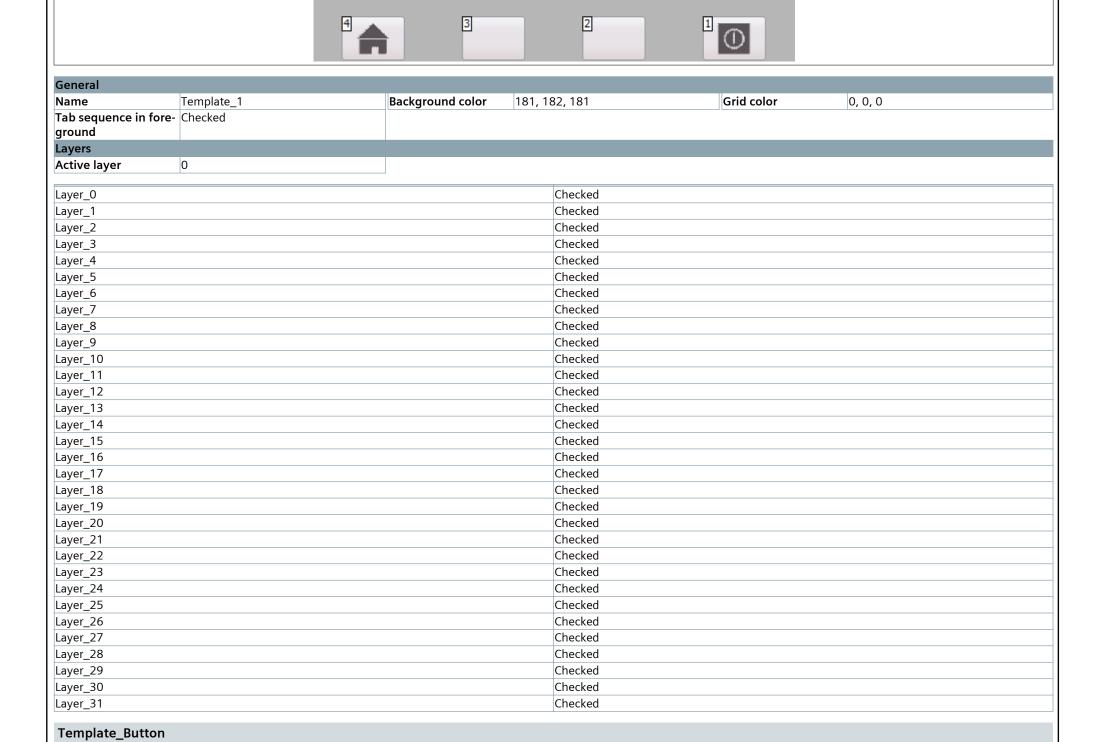
Color gradient 2 (fill	90, 89, 99	Offset gradient 2 (fill	15		
eattern) Design		pattern)			
ocus width ayout	2	Focus color	148, 182, 231		
position	235	Y position	36		161
leight	32	Fit graphic to size	Stretch graphic	Horizontal alignment of the graphic	Centered
ertical alignment of	Middle	Switch orientation	Left to right	Fit object to contents	Unchecked
he graphic Nargin left text (lay-	0	Margin top text (lay-	0	Margin right text (lay-	0
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Margin right graphic layout)	0	Margin bottom graphic (layout)	0		
ext format					
ont	Tahoma, 13px, style=Bold	Orientation	Horizontal	Horizontal alignment of the text	Centered
ertical alignment of	Middle				
he text imits					
olor for High limit iolated	239, 97, 99	Color for Low limit violated	255, 219, 41		
tyles/Designs		violated			
se style/design	Unchecked	Style item appear- ance			
/liscellaneous		dice			
lame ecurity	Switch_1	Layer	0 - Layer_0	Tooltip	
Authorization		Allow operator con-	Checked		
) Oynamizations\Tag co	onnection	trol			
roperty name	Process value	Tag	in_e-stop		
)ynamizations\Appea		Data tura	Danasa	Do no ma	0.0
ag - Cycle oreground color	out_e-stop-active - 255, 255, 255	Data type Background color	Range 99, 101, 115		00 No
lange	11	Foreground color	255, 255, 255	Background color	255, 0, 0
lashing	No				
Switch_2					
- Уре	Switch				
ype General		Value status ON	1	Mode	Switch with text
Type General Process value Text ON		Value status ON Text OFF	1 Simulate Error ON	Mode Graphic ON	Switch with text
Type General Process value Text ON Graphic OFF	Switch				Switch with text
ype General Process value Fext ON Graphic OFF	Switch			Graphic ON Inner background col-	
Type General Process value Text ON Graphic OFF Appearance Foreground color	Switch Simulate Error OFF 255, 255, 255	Text OFF	Simulate Error ON 99, 101, 115	Graphic ON Inner background color ON	247, 243, 247
Type General Process value Fext ON Graphic OFF Appearance Foreground color Inner background color	Switch Simulate Error OFF 255, 255, 255 - 247, 243, 247	Background color Border width	99, 101, 115 2	Inner background color ON Line style	247, 243, 247 Solid
ype ieneral rocess value ext ON iraphic OFF opearance oreground color inner background color	Switch Simulate Error OFF 255, 255, 255	Text OFF Background color	Simulate Error ON 99, 101, 115	Inner background color ON Line style	247, 243, 247
rype General Process value Fext ON Graphic OFF OPE oreground color OFF OFF OFF OFF OFF OFF OFF OFF OFF OF	Switch Simulate Error OFF 255, 255, 255 - 247, 243, 247 66, 73, 82	Background color Border width Border background color	99, 101, 115 2 107, 105, 107	Inner background color ON Line style Corner radius	247, 243, 247 Solid 3
rocess value feat ON fraphic OFF foreground color for OFF forder color forder color forder color forder color forder color	Switch Simulate Error OFF 255, 255, 255 - 247, 243, 247	Background color Border width Border background color Background color gradient (fill pattern)	99, 101, 115 2 107, 105, 107 -99, 101, 115	Inner background color ON Line style Corner radius	247, 243, 247 Solid
rocess value feat ON fraphic OFF foreground color fraphic OFF foreground color fraphic OFF forder color fill pattern frackground fill pattern follor gradient 1 (fill	Switch Simulate Error OFF 255, 255, 255 - 247, 243, 247 66, 73, 82	Background color Border width Border background color Background color gradient (fill pattern) Offset gradient 1 (fill	99, 101, 115 2 107, 105, 107 -99, 101, 115	Inner background color ON Line style Corner radius Gradient 1 (fill pattern) Gradient 2 (fill pat-	247, 243, 247 Solid 3
rocess value fext ON fraphic OFF foreground color for OFF forder color flackground fill pattern folor gradient 1 (fill fattern) folor gradient 2 (fill	Switch Simulate Error OFF 255, 255, 255 - 247, 243, 247 66, 73, 82 Vertical gradient	Background color Border width Border background color Background color gradient (fill pattern) Offset gradient 1 (fill pattern) Offset gradient 2 (fill	99, 101, 115 2 107, 105, 107 -99, 101, 115	Inner background color ON Line style Corner radius Gradient 1 (fill pattern)	247, 243, 247 Solid 3 Checked
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rocess value fext ON fraphic OFF repearance for OFF forder color fackground fill pattern factor gradient 2 (fill pattern) factor gradient 2 (fill pattern) factor gradient 2 (fill pattern) factor gradient 3 (fill pattern) factor gradient 4 (fill pattern) factor gradient 5 (fill pattern) factor gradient 6 (fill pattern) factor gradient 7 (fill pattern) factor gradient 8 (fill pattern) factor gradient 9 (fill pattern) factor gradient 1 (fill pattern) factor gradient 2 (fill pattern) factor gradient 2 (fill pattern) factor gradient 3 (fill pattern) factor gradient 4 (fill pattern) factor gradient 5 (fill pattern) factor gradient 6 (fill pattern) factor gradient 7 (fill pattern) factor gradient 8 (fill pattern) factor gradient 9 (fill pattern) factor gradie	Switch Simulate Error OFF 255, 255, 255 - 247, 243, 247 66, 73, 82 Vertical gradient 132, 134, 140 90, 89, 99 2 235 32 Middle	Background color Border width Border background color Background color gradient (fill pattern) Offset gradient 1 (fill pattern) Offset gradient 2 (fill pattern) Focus color Y position Fit graphic to size Switch orientation	99, 101, 115 2 107, 105, 107 -99, 101, 115 15 15 148, 182, 231 73 Stretch graphic Left to right	Graphic ON Inner background color ON Line style Corner radius Gradient 1 (fill pattern) Gradient 2 (fill pattern) Width Horizontal alignment of the graphic Fit object to contents	247, 243, 247 Solid 3 Checked Checked Unchecked Unchecked
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igype ieneral rocess value fext ON iraphic OFF ippearance oreground color inner background color or OFF iorder color ill pattern fackground fill pattern folor gradient 1 (fill fattern) folor gradient 2 (fill fattern) folor gradient 2 (fill fattern) folor gradient 5 (fill fattern) folor gradient 6 (fill fattern) folor gradient 7 (fill fattern) folor gradient 8 (fill fattern) folor gradient 9 (fill fattern) folor gradient 1 (fill fattern) folor gradient 1 (fill fattern) folor gradient 2 (fill fattern) folor gradient 3 (fill fattern) folor gradient 4 (fill fattern) folor gradient 5 (fill fattern) folor gradient 6 (fill fattern) folor gradient 6 (fill fattern) folor gradient 7 (fill fattern) folor gradient 1 (fill fattern) folor gradient 2 (fill fattern) folor gradient 3 (fill fattern) folor gradient 3 (fill fattern) folor gradient 4 (fill fattern) folor gradient 5 (fill fattern) folor gradient 6 (fill fattern) folor gradient 6 (fill fattern) folor gradient 7 (fill fattern) folor gradient 1 (fill fattern) folor gradient 2 (fill fattern) folor gradient 3 (fill fattern) folor gradient 3 (fill fattern) folor gradient 3 (fill fattern) folor gradient 4 (fill fattern) folor gradient 4 (fill fattern) folor gradient 5 (fill fattern) folor gradient 6 (fill fattern) folor gradient 6 (fill fattern) folor gradient 7 (fill fattern) folor gradient 7 (fill fattern) folor	Switch Simulate Error OFF 255, 255, 255 - 247, 243, 247 66, 73, 82 Vertical gradient 132, 134, 140 90, 89, 99 2 235 32 Middle 0 0 Tahoma, 13px, style=Bold	Background color Border width Border background color Background color gradient (fill pattern) Offset gradient 1 (fill pattern) Offset gradient 2 (fill pattern) Focus color Y position Fit graphic to size Switch orientation Margin top text (layout) Margin bottom graphic (layout)	99, 101, 115 2 107, 105, 107 99, 101, 115 15 15 148, 182, 231 73 Stretch graphic Left to right 0 0	Graphic ON Inner background color ON Line style Corner radius Gradient 1 (fill pattern) Gradient 2 (fill pattern) Width Horizontal alignment of the graphic Fit object to contents Margin right text (layout) Margin top graphic (layout)	247, 243, 247 Solid 3 Checked Checked Unchecked Unchecked 0
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ype ieneral rocess value ext ON iraphic OFF pearance oreground color mer background color of OFF order color ill pattern ackground fill pattern color gradient 1 (fill attern) color gradient 2 (fill attern) resign ocus width ayout consistent derical alignment of the graphic dargin left text (layut) dargin right graphic layout) ext format ont certical alignment of the text imits	Switch Simulate Error OFF 255, 255, 255 - 247, 243, 247 66, 73, 82 Vertical gradient 132, 134, 140 90, 89, 99 2 235 32 Middle 0 0 Tahoma, 13px, style=Bold Middle	Background color Border width Border background color Background color gradient (fill pattern) Offset gradient 1 (fill pattern) Offset gradient 2 (fill pattern) Focus color Y position Fit graphic to size Switch orientation Margin top text (layout) Margin bottom graphic (layout) Orientation	99, 101, 115 2 107, 105, 107 -99, 101, 115 15 15 148, 182, 231 73 Stretch graphic Left to right 0 0 Horizontal	Graphic ON Inner background color ON Line style Corner radius Gradient 1 (fill pattern) Gradient 2 (fill pattern) Width Horizontal alignment of the graphic Fit object to contents Margin right text (layout) Margin top graphic (layout) Horizontal alignment	247, 243, 247 Solid 3 Checked Checked Unchecked Unchecked 0
ype ieneral rocess value ext ON iraphic OFF ppearance oreground color oner background color oner background fill pattern ackground fill pattern ackground fill pattern color gradient 1 (fill attern) color gradient 2 (fill attern) esign ocus width ayout (position leight vertical alignment of the graphic Margin left text (lay- ut) Margin right graphic layout) ext format ont vertical alignment of the text imits color for High limit iolated	Switch Simulate Error OFF 255, 255, 255 - 247, 243, 247 66, 73, 82 Vertical gradient 132, 134, 140 90, 89, 99 2 235 32 Middle 0 0 Tahoma, 13px, style=Bold	Background color Border width Border background color Background color gradient (fill pattern) Offset gradient 1 (fill pattern) Offset gradient 2 (fill pattern) Focus color Y position Fit graphic to size Switch orientation Margin top text (layout) Margin bottom graphic (layout)	99, 101, 115 2 107, 105, 107 99, 101, 115 15 15 148, 182, 231 73 Stretch graphic Left to right 0 0	Graphic ON Inner background color ON Line style Corner radius Gradient 1 (fill pattern) Gradient 2 (fill pattern) Width Horizontal alignment of the graphic Fit object to contents Margin right text (layout) Margin top graphic (layout) Horizontal alignment	247, 243, 247 Solid 3 Checked Checked Unchecked Unchecked 0
ype ieneral rocess value ext ON iraphic OFF ppearance oreground color oner background color oner background fill pattern ackground fill pattern color gradient 1 (fill attern) color gradient 2 (fill attern) esign ocus width ayout (position leight dertical alignment of the graphic Margin left text (lay- ut) Margin bottom text ayout) ext format ont fertical alignment of the text imits color for High limit iolated tyles/Designs	Switch Simulate Error OFF 255, 255, 255 - 247, 243, 247 66, 73, 82 Vertical gradient 132, 134, 140 90, 89, 99 2 235 32 Middle 0 0 Tahoma, 13px, style=Bold Middle 239, 97, 99	Background color Border width Border background color Background color gradient (fill pattern) Offset gradient 1 (fill pattern) Offset gradient 2 (fill pattern) Focus color Y position Fit graphic to size Switch orientation Margin top text (layout) Margin bottom graphic (layout) Orientation Color for Low limit violated	99, 101, 115 2 107, 105, 107 -99, 101, 115 15 15 148, 182, 231 73 Stretch graphic Left to right 0 0 Horizontal	Graphic ON Inner background color ON Line style Corner radius Gradient 1 (fill pattern) Gradient 2 (fill pattern) Width Horizontal alignment of the graphic Fit object to contents Margin right text (layout) Margin top graphic (layout) Horizontal alignment	247, 243, 247 Solid 3 Checked Checked Unchecked Unchecked 0
ype eneral rocess value ext ON raphic OFF ppearance oreground color oner background color of OFF order color ackground fill patern olor gradient 1 (fill attern) olor gradient 2 (fill attern) esign ocus width ayout position eight ertical alignment of one graphic largin left text (layout) largin right graphic ayout) ext format ont ertical alignment of one text ayout) ext format ont	Switch Simulate Error OFF 255, 255, 255 - 247, 243, 247 66, 73, 82 Vertical gradient 132, 134, 140 90, 89, 99 2 235 32 Middle 0 0 Tahoma, 13px, style=Bold Middle	Background color Border width Border background color Background color gradient (fill pattern) Offset gradient 1 (fill pattern) Offset gradient 2 (fill pattern) Focus color Y position Fit graphic to size Switch orientation Margin top text (layout) Margin bottom graphic (layout) Orientation Color for Low limit	99, 101, 115 2 107, 105, 107 -99, 101, 115 15 15 148, 182, 231 73 Stretch graphic Left to right 0 0 Horizontal	Graphic ON Inner background color ON Line style Corner radius Gradient 1 (fill pattern) Gradient 2 (fill pattern) Width Horizontal alignment of the graphic Fit object to contents Margin right text (layout) Margin top graphic (layout) Horizontal alignment	247, 243, 247 Solid 3 Checked Checked Unchecked Unchecked 0

Totally Intograted					
Totally Integrated Automation Portal					
Security					
Authorization		Allow operator con- trol	Checked		
Dynamizations\Tag co					
Property name	Process value	Tag	in_error		
Dynamizations\Appea Tag - Cycle	out_error_active -	Data type	Range	Range	00
Foreground color	255, 255, 255	Background color	99, 101, 115	Flashing	No
Range	11	Foreground color	255, 255, 255	Background color	255, 0, 0
Flashing	No				
Button_5					
Туре	Button	7			
General	25000				
Mode	Text	Hotkey	None	Text OFF	Reset Error
Text ON Graphic ON	Text	Text list Graphic list		Graphic OFF Process value	
Bit number	0	•			
Appearance	99, 101, 115	Deckareund fill not	Vertical gradient	Corner radius (bor-	3
Background color	99, 101, 115	Background fill pat- tern	Vertical gradient	der)	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 gra-	99, 101, 115	Gradient 1 (fill pat-	Checked	Color gradient 1 (fill pattern)	132, 134, 140
dient (fill pattern) Offset gradient 1 (fill	15	tern) Gradient 2 (fill pat-	Checked	Color gradient 2 (fill	90, 89, 99
pattern)		tern)		pattern)	
Offset gradient 2 (fill pattern)	15				
Design					
	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	
Vertical alignment of	Middle	Fit object to contents	Unchacked	of the graphic Margin left text (lay-	0
the graphic	Middle	Fit object to contents	Offichecked	out)	
Margin top text (lay-	0	Margin right text (lay	- 0	Margin bottom text	0
out) Margin left graphic	0	out) Margin top graphic	0	(layout) Margin right graphic	0
(layout)		(layout)		(layout)	
Margin bottom graphic (layout)	0				
Text format					
Font	Tahoma, 13px, style=Bold	Orientation	Horizontal	Horizontal alignment of the text	Centered
Vertical alignment of	Middle			<u> - - - - - - - - - </u>	
the text Styles/Designs					
Use style/design	Unchecked	Style item appear-			
Miscellaneous		ance			
Name	Button_5	Layer	0 - Layer_0	Tooltip	
Security	_				
Authorization		Allow operator con- trol	Checked		
Dynamizations\Event Event name		Press			
		, , , , , ,			
Function list\SetBit\	wniiekeyPressed				
Tag	in_reset_error		Bit	0	
Button_6					
_	D	7			
Type General	Button				
Mode	Text	Hotkey	None	Text OFF	Reset E-stop
Text ON	Text	Text list		Graphic OFF	
Graphic ON Bit number	0	Graphic list		Process value	
Appearance					
Background color	99, 101, 115	Background fill pat- tern	Vertical gradient	Corner radius (bor- der)	3
Foreground color	255, 255, 255	Border width	2	Line style	Solid
Border color	66, 73, 82	Border background	107, 105, 107		
Fill pattern		color			
Background color gra-	99, 101, 115	Gradient 1 (fill pat-	Checked	Color gradient 1 (fill	132, 134, 140
dient (fill pattern) Offset gradient 1 (fill	15	tern) Gradient 2 (fill pat-	Checked	pattern) Color gradient 2 (fill	90, 89, 99
pattern)		tern)	S. ICCNCU	pattern)	55, 65, 55
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	Focus color	148, 182, 231		
Ī	1				i

Totally Integrated Automation Portal					
Layout					
X position Height	128 32	Y position Fit graphic to size	74 Stretch graphic	Width Horizontal alignment of the graphic	96 Centered
Vertical alignment of the graphic		Fit object to contents	Unchecked	Margin left text (layout)	0
Margin top text (lay- out)		Margin right text (layout)		(layout)	0
(layout)	0	Margin top graphic (layout)	0	Margin right graphic (layout)	0
graphic (layout) 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 appear- ance			
Miscellaneous Name	Button_6	Layer	0 - Layer_0	Tooltip	
Security Authorization		Allow operator con-	Checked		
Dynamizations\Event		trol			
Event name		Press			
Function list\SetBit\ Tag	WhileKeyPressed in_reset_e-stop		Bit	0	
Switch_3	m_reset_e-stop		DIL	U	
_	Conitab	1			
Type General	Switch				
Process value		Value status ON	1		Switch with text
Text ON Graphic OFF	Simulate User Interaction OFF	Text OFF	Simulate User Interaction ON	Graphic ON	
Appearance					
Foreground color Inner background col-	255, 255, 255	Background color Border width	99, 101, 115	Inner background col- or ON Line style	247, 243, 247 Solid
or OFF	66, 73, 82	Border background	107, 105, 107	Corner radius	3
Fill pattern		color	167, 183, 167	Comertadias	
tern	Vertical gradient	Background color gradient (fill pattern)		tern)	Checked
pattern)	132, 134, 140 90, 89, 99	Offset gradient 1 (fill pattern) Offset gradient 2 (fill		Gradient 2 (fill pat- tern)	Checked
pattern) Design	,,,,,,	pattern)			
	2	Focus color	148, 182, 231		
Layout X position	235	Y position	149	Width	209
•	32	Fit graphic to size	Stretch graphic	Horizontal alignment of the graphic	
Vertical alignment of the graphic		Switch orientation	Left to right	Fit object to contents Margin right toxt (lay	
Margin left text (lay- out) Margin bottom text		Margin top text (lay- out) Margin left graphic	0	Margin right text (lay- out) Margin top graphic	0
(layout) Margin right graphic		(layout) Margin bottom	0	(layout)	
(layout) Text format		graphic (layout)			
Font	Tahoma, 13px, style=Bold	Orientation	Horizontal	Horizontal alignment of the text	Centered
Vertical alignment of the text Limits	Middle				
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 con-	Checked	· · · · ·	
Dynamizations\Tag co Property name	nnection Process value	trol Tag	in_user_interaction		
Dynamizations\Appea		ı ay	III_U3EI_IIIIEI		
Tag - Cycle	in_user_interaction -	Data type	Range		00
Foreground color	255, 255, 255 11	Background color Foreground color	99, 101, 115 255, 255, 255		No 49, 101, 255
Range	1111	i oregiound color	دری دری دری	Background Color	עני , וטו

Automation Portal					
lashing	No				
Switch_4		_			
ype	Switch				
General Process value		Value status ON	1		Switch with text
ext ON Graphic OFF	Simulate Warning OFF	Text OFF	Simulate Warning ON	Graphic ON	
Appearance					I
oreground color	255, 255, 255	Background color	99, 101, 115	Inner background color ON	247, 243, 247
nner background col- or OFF	· 247, 243, 247	Border width	2	Line style	Solid
order color	66, 73, 82	Border background color	107, 105, 107	Corner radius	3
ill pattern					
ackground fill pat- ern	Vertical gradient	Background color gradient (fill pattern)		tern)	Checked
Color gradient 1 (fill pattern)	132, 134, 140	Offset gradient 1 (fill pattern)	15	Gradient 2 (fill pat- tern)	Checked
Color gradient 2 (fill	90, 89, 99	Offset gradient 2 (fill	15	[
attern) Jesign		pattern)			
ocus width ayout	2	Focus color	148, 182, 231		
position	235	Y position	111		162
leight	32	Fit graphic to size	Stretch graphic	Horizontal alignment of the graphic	
/ertical alignment of he graphic	Middle	Switch orientation	Left to right	Fit object to contents	Unchecked
Margin left text (lay- out)	0	Margin top text (lay- out)	0	Margin right text (lay- out)	0
Margin bottom text	0	Margin left graphic	0	Margin top graphic	0
(layout) Margin right graphic	0	(layout) Margin bottom	0	(layout)	
(layout) Fext format		graphic (layout)			
ont	Tahoma, 13px, style=Bold	Orientation	Horizontal	Horizontal alignment of the text	Centered
/ertical alignment of he text .imits	Middle				
Color for High limit	239, 97, 99	Color for Low limit	255, 219, 41		
violated Styles/Designs		violated			
Jse style/design	Unchecked	Style item appear- ance			
Miscellaneous					
Name Security	Switch_4	Layer	0 - Layer_0	Tooltip	
Authorization		Allow operator con- trol	Checked		
-					
<u> </u>		Тад	in_warning		
Гаg - Cycle	in_warning -	Data type	Range		00
Range	11	Foreground color	255, 255, 255		255, 154, 0
_, , ,	No				, ,
Dynamizations\Tag co Property name Dynamizations\Appea Tag - Cycle Foreground color Range Flashing	Process value in_warning - 255, 255, 255	Tag Data type Background color	99, 101, 115	Flashing	No

Totally Integrated Automation Portal				
Task3_V15 / HM	II_1 [KTP400	Basic PN] / Screen ma	nagement / Templates	
Template_1				
Hardcopy of Templat	e_1			



Tymo	Button				
Type	BULLOTI				
General				III	
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 pat- tern	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 gra- dient (fill pattern)	231, 227, 231	Gradient 1 (fill pat- tern)	Checked	Color gradient 1 (fill pattern)	247, 247, 247
Offset gradient 1 (fill pattern)	15	Gradient 2 (fill pat- tern)	Checked	Color gradient 2 (fill pattern)	222, 215, 214
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	Focus color	148, 182, 231		
				-	

Totally Integrated Automation Portal					
Layout	200	N	207	NAC JAJ	lea .
X position Height	388 44	Y position Fit graphic to size	227 Stretch graphic	Width Horizontal alignment	63 Centered
_	Middle		- '	of the graphic	
Vertical alignment of the graphic	Middle	Fit object to contents	Unchecked	Margin left text (lay- out)	U
Margin top text (lay- out)	0	Margin right text (lay- out)	0	Margin bottom text (layout)	0
Margin left graphic	0	Margin top graphic	0	Margin right graphic	0
(layout) Margin bottom	0	(layout)		(layout)	
graphic (layout)					
Text format Font	Tahoma, 13px, style=Bold	Orientation	Horizontal	Horizontal alignment	Centered
Vantiaal alimanaant af				of the text	
Vertical alignment of the text	Middle				
Styles/Designs Use style/design	Unchecked	Style item appear-			
-	Ulicheckeu	ance			
Miscellaneous Name	Template_Button	Layer	0 - Layer_0	Tooltip	
Security	Template_button	Layer	o - Layer_o	Τοσιαρ	
Authorization		Allow operator con- trol	Checked		
Dynamizations\Event					
Event name	untimo	Release			
Function list\StopR	undine	D			
Mode		Runtime			
Template_Button_1					
7 1	Button				
General Mode	Text	Hotkey	None	Text OFF	
Text ON	Text	Text list	IVOITE	Graphic OFF	
Graphic ON Bit number	0	Graphic list		Process value	
Appearance	O				
Background color	239, 235, 239	Background fill pat- tern	Vertical gradient	Corner radius (border)	3
	49, 52, 74	Border width	1		Solid
Border color	156, 154, 165	Border background color	107, 105, 107		
Fill pattern Background color gra-	221 227 221	Cradiant 1 (fill not	Checked	Color avadiont 1 (fill	247 247 247
dient (fill pattern)		tern)	Спескей	Color gradient 1 (fill pattern)	247, 247, 247
Offset gradient 1 (fill pattern)	15	Gradient 2 (fill pat- tern)	Checked	Color gradient 2 (fill pattern)	222, 215, 214
Offset gradient 2 (fill pattern)	15	cerny		patterny	
Design					
Focus width Layout	2	Focus color	148, 182, 231		
X position	268	<u> </u>	227	Width	63
Height	44	Fit graphic to size	Stretch graphic	Horizontal alignment of the graphic	Centered
Vertical alignment of	Middle	Fit object to contents	Unchecked	Margin left text (lay-	0
the graphic Margin top text (lay-	0	Margin right text (lay-	0	out) Margin bottom text	0
out)		out)		(layout)	
Margin left graphic (layout)	0	Margin top graphic (layout)	0	Margin right graphic (layout)	U
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			of the text	
Styles/Designs	Unchecked	Style item appear			
, ,	OTICHECKED	Style item appear- ance			
	Template_Button_1	Layer	0 - Layer_0	Tooltip	
Security Authorization			Checked		
Template_Button_2)	trol			
	Button				
General					
Mode	Text	Hotkey	None	Text OFF	
Text ON Graphic ON		Text list Graphic list		Graphic OFF Process value	
Bit number	0	•			1
					T .

Totally Integrated					
Automation Portal					
Appearance					
Background color	239, 235, 239	Background fill pat-	Vertical gradient	Corner radius (bor-	3
	10.50.74	tern		der)	
Foreground color Border color	49, 52, 74 156, 154, 165	Border width Border background	107, 105, 107	Line style	Solid
border color	130, 134, 103	color	107, 103, 107		
Fill pattern					
Background color gradient (fill pattern)	- 231, 227, 231	Gradient 1 (fill pat- tern)	Checked	Color gradient 1 (fill pattern)	247, 247, 247
Offset gradient 1 (fill	15	Gradient 2 (fill pat-	Checked	Color gradient 2 (fill	222, 215, 214
pattern)		tern)		pattern)	
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	
Vertical alignment of the graphic	Middle	Fit object to contents	Unchecked	Margin left text (lay- out)	0
Margin top text (lay-	0	Margin right text (lay-	-0	·	0
out)		out)		(layout)	
Margin left graphic (layout)	0	Margin top graphic (layout)	0	Margin right graphic (layout)	0
Margin bottom	0	(layout)		(layout)	
graphic (layout)					
Text format	Tahama 12ny atria Dala	Oriontation	Harizontal	Horizontal allere	Contored
Font	Tahoma, 13px, style=Bold	Orientation	Horizontal	Horizontal alignment of the text	Centereu
Vertical alignment of	Middle				
the text					
Styles/Designs Use style/design	Unchecked	Style item appear-			
		ance			
Miscellaneous	T 1 2 2 2	 			
Name Security	Template_Button_2	Layer	0 - Layer_0	Tooltip	
Authorization		Allow operator con-	Checked		
		trol			
Template_Button_3	3				
T	D. W	7			
Type	Button				
General		Hotkey	None	Text OFF	NavigateHome
	Graphic NavigateHome	Hotkey Text list	None	Text OFF Graphic OFF	NavigateHome NavigateHome_KTP400_Basic_PN_TR
General Mode Text ON Graphic ON	Graphic NavigateHome NavigateHome_KTP400_Basic_PN_TR	-	None		
General Mode Text ON Graphic ON Bit number	Graphic NavigateHome	Text list	None	Graphic OFF	
General Mode Text ON Graphic ON	Graphic NavigateHome NavigateHome_KTP400_Basic_PN_TR	Text list	None Vertical gradient	Graphic OFF Process value Corner radius (bor-	
General Mode Text ON Graphic ON Bit number Appearance Background color	Graphic NavigateHome NavigateHome_KTP400_Basic_PN_TR 0 239, 235, 239	Text list Graphic list Background fill pattern		Graphic OFF Process value Corner radius (border)	NavigateHome_KTP400_Basic_PN_TR 3
General Mode Text ON Graphic ON Bit number Appearance Background color Foreground color	Graphic NavigateHome NavigateHome_KTP400_Basic_PN_TR 0 239, 235, 239 49, 52, 74	Text list Graphic list Background fill pattern Border width	Vertical gradient	Graphic OFF Process value Corner radius (bor-	NavigateHome_KTP400_Basic_PN_TR
General Mode Text ON Graphic ON Bit number Appearance Background color	Graphic NavigateHome NavigateHome_KTP400_Basic_PN_TR 0 239, 235, 239	Text list Graphic list Background fill pattern		Graphic OFF Process value Corner radius (border)	NavigateHome_KTP400_Basic_PN_TR 3
General Mode Text ON Graphic ON Bit number Appearance Background color Foreground color Border color	Graphic NavigateHome NavigateHome_KTP400_Basic_PN_TR 0 239, 235, 239 49, 52, 74 156, 154, 165	Text list Graphic list Background fill pattern Border width Border background color	Vertical gradient 1 107, 105, 107	Graphic OFF Process value Corner radius (border) Line style	NavigateHome_KTP400_Basic_PN_TR 3 Solid
General Mode Text ON Graphic ON Bit number Appearance Background color Foreground color Border color Fill pattern Background color graden	Graphic NavigateHome NavigateHome_KTP400_Basic_PN_TR 0 239, 235, 239 49, 52, 74 156, 154, 165	Text list Graphic list Background fill pattern Border width Border background color Gradient 1 (fill pat-	Vertical gradient	Graphic OFF Process value Corner radius (border) Line style Color gradient 1 (fill	NavigateHome_KTP400_Basic_PN_TR 3 Solid
General Mode Text ON Graphic ON Bit number Appearance Background color Foreground color Border color	Graphic NavigateHome NavigateHome_KTP400_Basic_PN_TR 0 239, 235, 239 49, 52, 74 156, 154, 165	Text list Graphic list Background fill pattern Border width Border background color	Vertical gradient 1 107, 105, 107	Graphic OFF Process value Corner radius (border) Line style	NavigateHome_KTP400_Basic_PN_TR 3 Solid 247, 247, 247
General Mode Text ON Graphic ON Bit number Appearance Background color Foreground color Border color Fill pattern Background color gradient (fill pattern) Offset gradient 1 (fill pattern)	Graphic NavigateHome NavigateHome_KTP400_Basic_PN_TR 0 239, 235, 239 49, 52, 74 156, 154, 165 -231, 227, 231	Text list Graphic list Background fill pattern Border width Border background color Gradient 1 (fill pattern)	Vertical gradient 1 107, 105, 107 Checked	Corner radius (border) Line style Color gradient 1 (fill pattern)	NavigateHome_KTP400_Basic_PN_TR 3 Solid 247, 247, 247
General Mode Text ON Graphic ON Bit number Appearance Background color Foreground color Border color Fill pattern Background color gradient (fill pattern) Offset gradient 1 (fill pattern) Offset gradient 2 (fill	Graphic NavigateHome NavigateHome_KTP400_Basic_PN_TR 0 239, 235, 239 49, 52, 74 156, 154, 165 -231, 227, 231	Text list Graphic list Background fill pattern Border width Border background color Gradient 1 (fill pattern) Gradient 2 (fill pat-	Vertical gradient 1 107, 105, 107 Checked	Corner radius (border) Line style Color gradient 1 (fill pattern) Color gradient 2 (fill	NavigateHome_KTP400_Basic_PN_TR 3 Solid 247, 247, 247
General Mode Text ON Graphic ON Bit number Appearance Background color Foreground color Border color Fill pattern Background color gradient (fill pattern) Offset gradient 1 (fill pattern)	Graphic NavigateHome NavigateHome_KTP400_Basic_PN_TR 0 239, 235, 239 49, 52, 74 156, 154, 165 -231, 227, 231	Text list Graphic list Background fill pattern Border width Border background color Gradient 1 (fill pattern) Gradient 2 (fill pat-	Vertical gradient 1 107, 105, 107 Checked	Corner radius (border) Line style Color gradient 1 (fill pattern) Color gradient 2 (fill	NavigateHome_KTP400_Basic_PN_TR 3 Solid 247, 247, 247
General Mode Text ON Graphic ON Bit number Appearance Background color Foreground color Border color Fill pattern Background color gradient (fill pattern) Offset gradient 1 (fill pattern) Offset gradient 2 (fill pattern) Design Focus width	Graphic NavigateHome NavigateHome_KTP400_Basic_PN_TR 0 239, 235, 239 49, 52, 74 156, 154, 165 -231, 227, 231	Text list Graphic list Background fill pattern Border width Border background color Gradient 1 (fill pattern) Gradient 2 (fill pat-	Vertical gradient 1 107, 105, 107 Checked	Corner radius (border) Line style Color gradient 1 (fill pattern) Color gradient 2 (fill	NavigateHome_KTP400_Basic_PN_TR 3 Solid 247, 247, 247
General Mode Text ON Graphic ON Bit number Appearance Background color Foreground color Border color Fill pattern Background color gradient (fill pattern) Offset gradient 1 (fill pattern) Offset gradient 2 (fill pattern) Design Focus width Layout	Graphic NavigateHome NavigateHome_KTP400_Basic_PN_TR 0 239, 235, 239 49, 52, 74 156, 154, 165 -231, 227, 231 15 15	Text list Graphic list Background fill pattern Border width Border background color Gradient 1 (fill pattern) Gradient 2 (fill pattern) Focus color	Vertical gradient 1 107, 105, 107 Checked Checked	Corner radius (border) Line style Color gradient 1 (fill pattern) Color gradient 2 (fill pattern)	NavigateHome_KTP400_Basic_PN_TR 3 Solid 247, 247, 247 222, 215, 214
General Mode Text ON Graphic ON Bit number Appearance Background color Foreground color Border color Fill pattern Background color gradient (fill pattern) Offset gradient 1 (fill pattern) Offset gradient 2 (fill pattern) Design Focus width Layout X position	Graphic NavigateHome NavigateHome_KTP400_Basic_PN_TR 0 239, 235, 239 49, 52, 74 156, 154, 165 -231, 227, 231 15 2 28	Text list Graphic list Background fill pattern Border width Border background color Gradient 1 (fill pattern) Gradient 2 (fill pattern) Focus color Y position	Vertical gradient 1 107, 105, 107 Checked Checked 148, 182, 231	Graphic OFF Process value Corner radius (border) Line style Color gradient 1 (fill pattern) Color gradient 2 (fill pattern) Width	NavigateHome_KTP400_Basic_PN_TR 3 Solid 247, 247, 247 222, 215, 214
General Mode Text ON Graphic ON Bit number Appearance Background color Foreground color Border color Fill pattern Background color gradient (fill pattern) Offset gradient 1 (fill pattern) Offset gradient 2 (fill pattern) Design Focus width Layout X position Height	Graphic NavigateHome NavigateHome_KTP400_Basic_PN_TR 0 239, 235, 239 49, 52, 74 156, 154, 165	Text list Graphic list Background fill pattern Border width Border background color Gradient 1 (fill pattern) Gradient 2 (fill pattern) Focus color Y position Fit graphic to size	Vertical gradient 1 107, 105, 107 Checked Checked 148, 182, 231 227 Stretch graphic	Corner radius (border) Line style Color gradient 1 (fill pattern) Color gradient 2 (fill pattern) Width Horizontal alignment of the graphic	NavigateHome_KTP400_Basic_PN_TR 3 Solid 247, 247, 247 222, 215, 214 63 Centered
General Mode Text ON Graphic ON Bit number Appearance Background color Foreground color Border color Fill pattern Background color gradient (fill pattern) Offset gradient 1 (fill pattern) Offset gradient 2 (fill pattern) Design Focus width Layout X position Height Vertical alignment of	Graphic NavigateHome NavigateHome_KTP400_Basic_PN_TR 0 239, 235, 239 49, 52, 74 156, 154, 165	Text list Graphic list Background fill pattern Border width Border background color Gradient 1 (fill pattern) Gradient 2 (fill pattern) Focus color Y position	Vertical gradient 1 107, 105, 107 Checked Checked 148, 182, 231 227 Stretch graphic	Corner radius (border) Line style Color gradient 1 (fill pattern) Color gradient 2 (fill pattern) Width Horizontal alignment of the graphic Margin left text (lay-	NavigateHome_KTP400_Basic_PN_TR 3 Solid 247, 247, 247 222, 215, 214 63 Centered
General Mode Text ON Graphic ON Bit number Appearance Background color Foreground color Foreground color Fill pattern Background color gradient (fill pattern) Offset gradient 1 (fill pattern) Offset gradient 2 (fill pattern) Design Focus width Layout X position Height Vertical alignment of the graphic	Graphic NavigateHome NavigateHome_KTP400_Basic_PN_TR 0 239, 235, 239 49, 52, 74 156, 154, 165 -231, 227, 231 15 2 28 44 Middle	Background fill pattern Border width Border background color Gradient 1 (fill pattern) Gradient 2 (fill pattern) Focus color Y position Fit graphic to size Fit object to contents	Vertical gradient 1 107, 105, 107 Checked Checked 148, 182, 231 227 Stretch graphic Unchecked	Corner radius (border) Line style Color gradient 1 (fill pattern) Color gradient 2 (fill pattern) Width Horizontal alignment of the graphic Margin left text (layout)	NavigateHome_KTP400_Basic_PN_TR 3 Solid 247, 247, 247 222, 215, 214 63 Centered 0
General Mode Text ON Graphic ON Bit number Appearance Background color Foreground color Border color Fill pattern Background color gradient (fill pattern) Offset gradient 1 (fill pattern) Design Focus width Layout X position Height Vertical alignment of the graphic Margin top text (layout)	Graphic NavigateHome NavigateHome_KTP400_Basic_PN_TR 0 239, 235, 239 49, 52, 74 156, 154, 165 231, 227, 231 15 2 28 44 Middle 0	Text list Graphic list Background fill pattern Border width Border background color Gradient 1 (fill pattern) Gradient 2 (fill pattern) Focus color Y position Fit graphic to size Fit object to contents Margin right text (layout)	Vertical gradient 1 107, 105, 107 Checked Checked 148, 182, 231 227 Stretch graphic Unchecked 0	Graphic OFF Process value Corner radius (border) Line style Color gradient 1 (fill pattern) Color gradient 2 (fill pattern) Width Horizontal alignment of the graphic Margin left text (layout) Margin bottom text (layout)	NavigateHome_KTP400_Basic_PN_TR 3 Solid 247, 247, 247 222, 215, 214 63 Centered 0
General Mode Text ON Graphic ON Bit number Appearance Background color Foreground color Border color Fill pattern Background color gradient (fill pattern) Offset gradient 1 (fill pattern) Design Focus width Layout X position Height Vertical alignment of the graphic Margin top text (layout) Margin left graphic	Graphic NavigateHome NavigateHome_KTP400_Basic_PN_TR 0 239, 235, 239 49, 52, 74 156, 154, 165 -231, 227, 231 15 2 28 44 Middle	Text list Graphic list Background fill pattern Border width Border background color Gradient 1 (fill pattern) Gradient 2 (fill pattern) Focus color Y position Fit graphic to size Fit object to contents Margin right text (layout) Margin top graphic	Vertical gradient 1 107, 105, 107 Checked Checked 148, 182, 231 227 Stretch graphic Unchecked	Graphic OFF Process value Corner radius (border) Line style Color gradient 1 (fill pattern) Color gradient 2 (fill pattern) Width Horizontal alignment of the graphic Margin left text (layout) Margin bottom text (layout) Margin right graphic	NavigateHome_KTP400_Basic_PN_TR 3 Solid 247, 247, 247 222, 215, 214 63 Centered 0
General Mode Text ON Graphic ON Bit number Appearance Background color Foreground color Border color Fill pattern Background color gradient (fill pattern) Offset gradient 1 (fill pattern) Offset gradient 2 (fill pattern) Design Focus width Layout X position Height Vertical alignment of the graphic Margin top text (layout) Margin left graphic (layout)	Graphic NavigateHome NavigateHome_KTP400_Basic_PN_TR 0 239, 235, 239 49, 52, 74 156, 154, 165 231, 227, 231 15 2 28 44 Middle 0 0	Text list Graphic list Background fill pattern Border width Border background color Gradient 1 (fill pattern) Gradient 2 (fill pattern) Focus color Y position Fit graphic to size Fit object to contents Margin right text (layout)	Vertical gradient 1 107, 105, 107 Checked Checked 148, 182, 231 227 Stretch graphic Unchecked 0	Graphic OFF Process value Corner radius (border) Line style Color gradient 1 (fill pattern) Color gradient 2 (fill pattern) Width Horizontal alignment of the graphic Margin left text (layout) Margin bottom text (layout)	NavigateHome_KTP400_Basic_PN_TR 3 Solid 247, 247, 247 222, 215, 214 63 Centered 0
General Mode Text ON Graphic ON Bit number Appearance Background color Foreground color Border color Fill pattern Background color gradient (fill pattern) Offset gradient 1 (fill pattern) Offset gradient 2 (fill pattern) Design Focus width Layout X position Height Vertical alignment of the graphic Margin top text (layout) Margin bottom graphic (layout)	Graphic NavigateHome NavigateHome_KTP400_Basic_PN_TR 0 239, 235, 239 49, 52, 74 156, 154, 165 231, 227, 231 15 2 28 44 Middle 0	Text list Graphic list Background fill pattern Border width Border background color Gradient 1 (fill pattern) Gradient 2 (fill pattern) Focus color Y position Fit graphic to size Fit object to contents Margin right text (layout) Margin top graphic	Vertical gradient 1 107, 105, 107 Checked Checked 148, 182, 231 227 Stretch graphic Unchecked 0	Graphic OFF Process value Corner radius (border) Line style Color gradient 1 (fill pattern) Color gradient 2 (fill pattern) Width Horizontal alignment of the graphic Margin left text (layout) Margin bottom text (layout) Margin right graphic	NavigateHome_KTP400_Basic_PN_TR 3 Solid 247, 247, 247 222, 215, 214 63 Centered 0
General Mode Text ON Graphic ON Bit number Appearance Background color Foreground color Border color Fill pattern Background color gradient (fill pattern) Offset gradient 1 (fill pattern) Design Focus width Layout X position Height Vertical alignment of the graphic Margin top text (layout) Margin left graphic (layout) Margin bottom graphic (layout) Text format	Graphic NavigateHome NavigateHome_KTP400_Basic_PN_TR 0 239, 235, 239 49, 52, 74 156, 154, 165 231, 227, 231 15 2 28 44 Middle 0 0 0	Text list Graphic list Background fill pattern Border width Border background color Gradient 1 (fill pattern) Gradient 2 (fill pattern) Focus color Y position Fit graphic to size Fit object to contents Margin right text (layout) Margin top graphic (layout)	Vertical gradient 1 107, 105, 107 Checked Checked 148, 182, 231 227 Stretch graphic Unchecked 0	Graphic OFF Process value Corner radius (border) Line style Color gradient 1 (fill pattern) Color gradient 2 (fill pattern) Width Horizontal alignment of the graphic Margin left text (layout) Margin bottom text (layout) Margin right graphic (layout)	NavigateHome_KTP400_Basic_PN_TR 3 Solid 247, 247, 247 222, 215, 214 63 Centered 0 0
General Mode Text ON Graphic ON Bit number Appearance Background color Foreground color Border color Fill pattern Background color gradient (fill pattern) Offset gradient 1 (fill pattern) Offset gradient 2 (fill pattern) Design Focus width Layout X position Height Vertical alignment of the graphic Margin top text (layout) Margin bottom graphic (layout)	Graphic NavigateHome NavigateHome_KTP400_Basic_PN_TR 0 239, 235, 239 49, 52, 74 156, 154, 165 231, 227, 231 15 2 28 44 Middle 0 0	Text list Graphic list Background fill pattern Border width Border background color Gradient 1 (fill pattern) Gradient 2 (fill pattern) Focus color Y position Fit graphic to size Fit object to contents Margin right text (layout) Margin top graphic	Vertical gradient 1 107, 105, 107 Checked Checked 148, 182, 231 227 Stretch graphic Unchecked 0	Graphic OFF Process value Corner radius (border) Line style Color gradient 1 (fill pattern) Color gradient 2 (fill pattern) Width Horizontal alignment of the graphic Margin left text (layout) Margin bottom text (layout) Margin right graphic	NavigateHome_KTP400_Basic_PN_TR 3 Solid 247, 247, 247 222, 215, 214 63 Centered 0 0
General Mode Text ON Graphic ON Bit number Appearance Background color Foreground color Border color Fill pattern Background color gradient (fill pattern) Offset gradient 1 (fill pattern) Design Focus width Layout X position Height Vertical alignment of the graphic Margin top text (layout) Margin bottom graphic (layout) Text format Font Vertical alignment of	Graphic NavigateHome NavigateHome_KTP400_Basic_PN_TR 0 239, 235, 239 49, 52, 74 156, 154, 165 231, 227, 231 15 2 28 44 Middle 0 0 Tahoma, 13px, style=Bold	Text list Graphic list Background fill pattern Border width Border background color Gradient 1 (fill pattern) Gradient 2 (fill pattern) Focus color Y position Fit graphic to size Fit object to contents Margin right text (layout) Margin top graphic (layout)	Vertical gradient 1 107, 105, 107 Checked Checked 148, 182, 231 227 Stretch graphic Unchecked 0	Graphic OFF Process value Corner radius (border) Line style Color gradient 1 (fill pattern) Color gradient 2 (fill pattern) Width Horizontal alignment of the graphic Margin left text (layout) Margin bottom text (layout) Margin right graphic (layout) Horizontal alignment	NavigateHome_KTP400_Basic_PN_TR 3 Solid 247, 247, 247 222, 215, 214 63 Centered 0 0
General Mode Text ON Graphic ON Bit number Appearance Background color Foreground color Border color Fill pattern Background color gradient (fill pattern) Offset gradient 1 (fill pattern) Design Focus width Layout X position Height Vertical alignment of the graphic Margin top text (layout) Margin bottom graphic (layout) Text format Font Vertical alignment of the text	Graphic NavigateHome NavigateHome_KTP400_Basic_PN_TR 0 239, 235, 239 49, 52, 74 156, 154, 165 231, 227, 231 15 2 28 44 Middle 0 0 Tahoma, 13px, style=Bold	Text list Graphic list Background fill pattern Border width Border background color Gradient 1 (fill pattern) Gradient 2 (fill pattern) Focus color Y position Fit graphic to size Fit object to contents Margin right text (layout) Margin top graphic (layout)	Vertical gradient 1 107, 105, 107 Checked Checked 148, 182, 231 227 Stretch graphic Unchecked 0	Graphic OFF Process value Corner radius (border) Line style Color gradient 1 (fill pattern) Color gradient 2 (fill pattern) Width Horizontal alignment of the graphic Margin left text (layout) Margin bottom text (layout) Margin right graphic (layout) Horizontal alignment	NavigateHome_KTP400_Basic_PN_TR 3 Solid 247, 247, 247 222, 215, 214 63 Centered 0 0
General Mode Text ON Graphic ON Bit number Appearance Background color Foreground color Border color Fill pattern Background color gradient (fill pattern) Offset gradient 1 (fill pattern) Offset gradient 2 (fill pattern) Design Focus width Layout X position Height Vertical alignment of the graphic Margin top text (layout) Margin left graphic (layout) Margin bottom graphic (layout) Text format Font Vertical alignment of the text Styles/Designs	Graphic NavigateHome NavigateHome_KTP400_Basic_PN_TR 0 239, 235, 239 49, 52, 74 156, 154, 165 231, 227, 231 15 2 28 44 Middle 0 0 0 Tahoma, 13px, style=Bold Middle	Text list Graphic list Background fill pattern Border width Border background color Gradient 1 (fill pattern) Gradient 2 (fill pattern) Focus color Y position Fit graphic to size Fit object to contents Margin right text (layout) Margin top graphic (layout) Orientation	Vertical gradient 1 107, 105, 107 Checked Checked 148, 182, 231 227 Stretch graphic Unchecked 0	Graphic OFF Process value Corner radius (border) Line style Color gradient 1 (fill pattern) Color gradient 2 (fill pattern) Width Horizontal alignment of the graphic Margin left text (layout) Margin bottom text (layout) Margin right graphic (layout) Horizontal alignment	NavigateHome_KTP400_Basic_PN_TR 3 Solid 247, 247, 247 222, 215, 214 63 Centered 0 0
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General Mode Text ON Graphic ON Bit number Appearance Background color Foreground color Border color Fill pattern Background color gradient (fill pattern) Offset gradient 1 (fill pattern) Offset gradient 2 (fill pattern) Design Focus width Layout X position Height Vertical alignment of the graphic Margin top text (layout) Margin left graphic (layout) Margin bottom graphic (layout) Text format Font Vertical alignment of the text Styles/Designs Use style/design Miscellaneous	Graphic NavigateHome NavigateHome_KTP400_Basic_PN_TR 0 239, 235, 239 49, 52, 74 156, 154, 165 231, 227, 231 15 2 28 44 Middle 0 0 Tahoma, 13px, style=Bold Middle Unchecked	Text list Graphic list Background fill pattern Border width Border background color Gradient 1 (fill pattern) Gradient 2 (fill pattern) Focus color Y position Fit graphic to size Fit object to contents Margin right text (layout) Margin top graphic (layout) Orientation Style item appearance	Vertical gradient 1 107, 105, 107 Checked Checked 148, 182, 231 227 Stretch graphic Unchecked 0 0 Horizontal	Graphic OFF Process value Corner radius (border) Line style Color gradient 1 (fill pattern) Color gradient 2 (fill pattern) Width Horizontal alignment of the graphic Margin left text (layout) Margin bottom text (layout) Margin right graphic (layout) Horizontal alignment of the text	NavigateHome_KTP400_Basic_PN_TR 3 Solid 247, 247, 247 222, 215, 214 63 Centered 0 0
General Mode Text ON Graphic ON Bit number Appearance Background color Foreground color Border color Fill pattern Background color gradient (fill pattern) Offset gradient 1 (fill pattern) Design Focus width Layout X position Height Vertical alignment of the graphic Margin top text (layout) Margin left graphic (layout) Margin bottom graphic (layout) Text format Font Vertical alignment of the text Styles/Designs Use style/design Miscellaneous Name	Graphic NavigateHome NavigateHome_KTP400_Basic_PN_TR 0 239, 235, 239 49, 52, 74 156, 154, 165 231, 227, 231 15 2 28 44 Middle 0 0 0 Tahoma, 13px, style=Bold Middle	Background fill pattern Border width Border background color Gradient 1 (fill pattern) Gradient 2 (fill pattern) Focus color Y position Fit graphic to size Fit object to contents Margin right text (layout) Margin top graphic (layout) Orientation	Vertical gradient 1 107, 105, 107 Checked Checked 148, 182, 231 227 Stretch graphic Unchecked 0	Graphic OFF Process value Corner radius (border) Line style Color gradient 1 (fill pattern) Color gradient 2 (fill pattern) Width Horizontal alignment of the graphic Margin left text (layout) Margin bottom text (layout) Margin right graphic (layout) Horizontal alignment	NavigateHome_KTP400_Basic_PN_TR 3 Solid 247, 247, 247 222, 215, 214 63 Centered 0 0
General Mode Text ON Graphic ON Bit number Appearance Background color Foreground color Border color Fill pattern Background color gradient (fill pattern) Offset gradient 1 (fill pattern) Offset gradient 2 (fill pattern) Design Focus width Layout X position Height Vertical alignment of the graphic Margin top text (layout) Margin left graphic (layout) Margin bottom graphic (layout) Text format Font Vertical alignment of the text Styles/Designs Use style/design Miscellaneous	Graphic NavigateHome NavigateHome_KTP400_Basic_PN_TR 0 239, 235, 239 49, 52, 74 156, 154, 165 231, 227, 231 15 2 28 44 Middle 0 0 Tahoma, 13px, style=Bold Middle Unchecked	Text list Graphic list Background fill pattern Border width Border background color Gradient 1 (fill pattern) Gradient 2 (fill pattern) Focus color Y position Fit graphic to size Fit object to contents Margin right text (layout) Margin top graphic (layout) Orientation Style item appearance Layer	Vertical gradient 1 107, 105, 107 Checked Checked 148, 182, 231 227 Stretch graphic Unchecked 0 0 Horizontal	Graphic OFF Process value Corner radius (border) Line style Color gradient 1 (fill pattern) Color gradient 2 (fill pattern) Width Horizontal alignment of the graphic Margin left text (layout) Margin bottom text (layout) Margin right graphic (layout) Horizontal alignment of the text	NavigateHome_KTP400_Basic_PN_TR 3 Solid 247, 247, 247 222, 215, 214 63 Centered 0 0
General Mode Text ON Graphic ON Bit number Appearance Background color Foreground color Border color Fill pattern Background color gradient (fill pattern) Offset gradient 1 (fill pattern) Design Focus width Layout X position Height Vertical alignment of the graphic Margin top text (layout) Margin left graphic (layout) Margin bottom graphic (layout) Text format Font Vertical alignment of the text Styles/Designs Use style/design Miscellaneous Name Security	Graphic NavigateHome NavigateHome_KTP400_Basic_PN_TR 0 239, 235, 239 49, 52, 74 156, 154, 165 231, 227, 231 15 2 28 44 Middle 0 0 Tahoma, 13px, style=Bold Middle Unchecked	Text list Graphic list Background fill pattern Border width Border background color Gradient 1 (fill pattern) Gradient 2 (fill pattern) Focus color Y position Fit graphic to size Fit object to contents Margin right text (layout) Margin top graphic (layout) Orientation Style item appearance Layer	Vertical gradient 1 107, 105, 107 Checked Checked 148, 182, 231 227 Stretch graphic Unchecked 0 0 Horizontal	Graphic OFF Process value Corner radius (border) Line style Color gradient 1 (fill pattern) Color gradient 2 (fill pattern) Width Horizontal alignment of the graphic Margin left text (layout) Margin bottom text (layout) Margin right graphic (layout) Horizontal alignment of the text	NavigateHome_KTP400_Basic_PN_TR 3 Solid 247, 247, 247 222, 215, 214 63 Centered 0 0
General Mode Text ON Graphic ON Bit number Appearance Background color Foreground color Border color Fill pattern Background color gradient (fill pattern) Offset gradient 1 (fill pattern) Design Focus width Layout X position Height Vertical alignment of the graphic Margin top text (layout) Margin left graphic (layout) Margin bottom graphic (layout) Text format Font Vertical alignment of the text Styles/Designs Use style/design Miscellaneous Name Security	Graphic NavigateHome NavigateHome_KTP400_Basic_PN_TR 0 239, 235, 239 49, 52, 74 156, 154, 165 231, 227, 231 15 2 28 44 Middle 0 0 Tahoma, 13px, style=Bold Middle Unchecked	Text list Graphic list Background fill pattern Border width Border background color Gradient 1 (fill pattern) Gradient 2 (fill pattern) Focus color Y position Fit graphic to size Fit object to contents Margin right text (layout) Margin top graphic (layout) Orientation Style item appearance Layer Allow operator con-	Vertical gradient 1 107, 105, 107 Checked Checked 148, 182, 231 227 Stretch graphic Unchecked 0 0 Horizontal	Graphic OFF Process value Corner radius (border) Line style Color gradient 1 (fill pattern) Color gradient 2 (fill pattern) Width Horizontal alignment of the graphic Margin left text (layout) Margin bottom text (layout) Margin right graphic (layout) Horizontal alignment of the text	NavigateHome_KTP400_Basic_PN_TR 3 Solid 247, 247, 247 222, 215, 214 63 Centered 0 0

Totally Integrated Automation Portal					
Dynamizations\Event Event name		Release			
Function list\ActivateS	creen	,10.000			
Screen name	Root screen		Object number	0	

Task3_V15 / HMI_1 [KTP400 Basic PN] / Screen management Global screen Hardcopy of Global screen State	Totally Integrated Automation Portal						
	Global screen		N] / Screen ma	anagement			
particular security particular tourn party force and particular pa		abal screen	Rackground selec	191 197 191	Grid color	0.0.0	

Totally Integrated Automation Porta					
Γask3_V15 / Default tag ta	HMI_1 [KTP400 Ba	nsic PN] / HMI tags			<u> </u>
n_automatic	bie [17]				
General					
Name	in_automatic	Connection	HMI_Connection_1	Data type	Bool
Array elements	0	Length	1	Address	
Access mode	<symbolic access=""></symbolic>	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					
Jpper 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			
n_manual					
General					
Name	in_manual	Connection	HMI_Connection_1	Data type	Bool
Array elements	0	Length	1	Address	
Access mode	<symbolic access=""></symbolic>	PLC tag	Operation_mode_DB.OperatingMo- des.Input.manual	Coding	Binary
PLC name	PLC_1				
Settings					
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation		
imits					
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inear scaling					
inear scaling	Unchecked	PLC value range end value	10	PLC value range start value	0
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ange end value		range start value			
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D tag		Start value			
Comment					
Comment		Source comment			
Multiplexing					
Multiplexing	Unchecked	Index tag			
in_start					
General					

-					
General					
Name	in_start	Connection	HMI_Connection_1	Data type	Bool
Array elements	0	Length	1	Address	
Access mode	<symbolic access=""></symbolic>	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

Name	in_stop	Connection	HMI_Connection_1	Data type	Bool
Array elements	0	Length	1	Address	
Access mode	<symbolic access=""></symbolic>	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			

Totally Integrated Automation Porta					
Linear scaling	<u>'</u>				
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		lange start value			
ID tag		Start value			
Comment		C			
Comment Multiplexing		Source comment			
Multiplexing	Unchecked	Index tag			
n_e-stop					
General					
Name	in_e-stop	Connection	HMI_Connection_1	Data type	Bool
Array elements Access mode	0 <symbolic access=""></symbolic>	Length PLC tag	1 Operation_mode_DB.OperatingMo-	Address Coding	Binary
PLC name	PLC_1		des.Input.estop	J	
Settings					
Acquisition cycle Limits	1 s	Acquisition mode	Cyclic in operation		
Upper 2		Lower 2			
Linear scaling					
Linear scaling	Unchecked	PLC value range end value	10	PLC value range start value	0
HMI device value	100	HMI device value	0	value	
range end value		range start value			
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Multiplexing	l loch calcod	Index to a			
Multiplexing n_user_interaction	Unchecked On	Index tag			
General					
Name	in_user_interaction	Connection	HMI_Connection_1	Data type	Bool
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Limits					
Upper 2		Lower 2			
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HMI device value	100	HMI device value	0		
range end value Values		range start value			
ID tag		Start value			
Comment					
Comment Multiplexing		Source comment			
Multiplexing	Unchecked	Index tag			
n_reset_e-stop					
General					
Name	in_reset_e-stop	Connection	HMI_Connection_1	Data type	Bool
Array elements	0	Length	1	Address	Dinant
Access mode	<symbolic access=""></symbolic>	PLC tag	Operation_mode_DB.OperatingModes.Input.reset_estop	Coding	Binary
PLC name	PLC_1				
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	1 -	A		I	
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation		
Acquisition cycle Limits Upper 2	1 s	Acquisition mode Lower 2	Cyclic in operation		
Acquisition cycle Limits Upper 2 Linear scaling		Lower 2		DI C verbier in	
Acquisition cycle Limits Upper 2 Linear scaling	1 s Unchecked			PLC value range start	0
Acquisition cycle Limits Upper 2 Linear scaling Linear scaling HMI device value range end value		Lower 2 PLC value range end			0
Acquisition cycle Limits Upper 2 Linear scaling Linear scaling HMI device value range end value Values	Unchecked	PLC value range end value HMI device value range start value	10		0
Acquisition cycle Limits Upper 2 Linear scaling Linear scaling HMI device value range end value Values D tag	Unchecked	PLC value range end value HMI device value	10		0
Acquisition cycle Limits Upper 2 Linear scaling Linear scaling HMI device value range end value Values ID tag Comment	Unchecked	PLC value range end value HMI device value range start value	10		0
Acquisition cycle Limits Upper 2 Linear scaling Linear scaling HMI device value range end value Values ID tag Comment Comment Multiplexing	Unchecked 100	PLC value range end value HMI device value range start value Start value Source comment	10		0
Acquisition cycle Limits Upper 2 Linear scaling Linear scaling HMI device value range end value Values ID tag Comment Comment Multiplexing Multiplexing	Unchecked	PLC value range end value HMI device value range start value	10		0
Settings Acquisition cycle Limits Upper 2 Linear scaling Linear scaling HMI device value range end value Values ID tag Comment Comment Multiplexing Multiplexing in_error General	Unchecked 100	PLC value range end value HMI device value range start value Start value Source comment	10		0
Acquisition cycle Limits Upper 2 Linear scaling Linear scaling HMI device value range end value Values ID tag Comment Comment Multiplexing Multiplexing	Unchecked 100	PLC value range end value HMI device value range start value Start value Source comment	10		Bool

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_C name	PLC_1		des.Input.error		
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mits	1.2		Cyclic III Operation		
pper 2 near scaling		Lower 2			
near scaling	Unchecked	PLC value range end	10	PLC value range start	0
MI device value	100	value HMI device value	0	value	
nge end value		range start value			
alues) tag		Start value			
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omment Jultiplexing		Source comment			
ultiplexing	Unchecked	Index tag			
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eneral					
ame	in_warning	Connection	HMI_Connection_1	Data type	Bool
rray elements ccess mode	0 <symbolic access=""></symbolic>	Length PLC tag	1 Operation_mode_DB.OperatingMo-	Address Coding	Binary
		9	des.Input.warning		,
_C name ettings	PLC_1				
cquisition cycle	1 s	Acquisition mode	Cyclic in operation		
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near scaling					
near scaling	Unchecked	PLC value range end value	10	PLC value range start value	0
MI device value	100	HMI device value	0		
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ultiplexing	Unchecked	Index tag			
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eneral					
ame rray elements	in_reset_error 0	Connection Length	HMI_Connection_1	Data type Address	Bool
ccess mode	<symbolic access=""></symbolic>	PLC tag	Operation_mode_DB.OperatingMo-	Coding	Binary
_C name	PLC_1		des.Input.reset_error		
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pper 2		Lower 2			
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MI device value	100	HMI device value	0		
inge end value alues		HMI device value range start value	0		
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inge end value alues tag comment comment fultiplexing fultiplexing ut_automatic_s	100 Unchecked	HMI device value range start value Start value Source comment	0		
inge end value alues tag omment omment fultiplexing fultiplexing ut_automatic_s	Unchecked selected	HMI device value range start value Start value Source comment Index tag			Rool
inge end value alues tag comment comment fultiplexing fultiplexing ut_automatic_s	100 Unchecked	HMI device value range start value Start value Source comment	HMI_Connection_1	Data type Address	Bool
inge end value alues tag omment omment fultiplexing fultiplexing ut_automatic_s eneral ame	Unchecked selected out_automatic_selected	HMI device value range start value Start value Source comment Index tag Connection	HMI_Connection_1 1 Operation_mode_DB.OperatingMo-	Data type	Bool
inge end value alues tag omment omment fultiplexing fultiplexing ut_automatic_s eneral ame tray elements	Unchecked selected out_automatic_selected 0	HMI device value range start value Start value Source comment Index tag Connection Length	HMI_Connection_1	Data type Address	
ange end value alues tag comment comment fultiplexing fultiplexing ut_automatic_s eneral ame rray elements ccess mode C name ettings	Unchecked selected out_automatic_selected out_symbolic access> PLC_1	Start value Start value Source comment Index tag Connection Length PLC tag	HMI_Connection_1 1 Operation_mode_DB.OperatingModes.Output.automatic_selected	Data type Address	
ange end value alues tag comment comment cultiplexing cultiplexing cut_automatic_s eneral ame cray elements ccess mode	Unchecked selected out_automatic_selected o <symbolic access=""></symbolic>	HMI device value range start value Start value Source comment Index tag Connection Length	HMI_Connection_1 1 Operation_mode_DB.OperatingMo-	Data type Address	
ange end value alues tag comment comment dultiplexing dultiplexing ut_automatic_s eneral ame cray elements ccess mode LC name ettings cquisition cycle mits pper 2	Unchecked selected out_automatic_selected out_symbolic access> PLC_1	Start value Start value Source comment Index tag Connection Length PLC tag	HMI_Connection_1 1 Operation_mode_DB.OperatingModes.Output.automatic_selected	Data type Address	
ange end value alues tag comment comment dultiplexing dultiplexing ut_automatic_s eneral ame rray elements ccess mode C name ettings cquisition cycle mits pper 2 near scaling	Unchecked selected out_automatic_selected out_symbolic access> PLC_1	HMI device value range start value Start value Source comment Index tag Connection Length PLC tag Acquisition mode	HMI_Connection_1 1 Operation_mode_DB.OperatingModes.Output.automatic_selected	Data type Address	Binary
ange end value alues tag comment comment fultiplexing fultiplexing ut_automatic_s eneral ame rray elements ccess mode C name ettings cquisition cycle mits pper 2 near scaling near scaling	Unchecked selected out_automatic_selected out_symbolic access> PLC_1 1 s Unchecked	HMI device value range start value Start value Source comment Index tag Connection Length PLC tag Acquisition mode Lower 2 PLC value range end value	HMI_Connection_1 1 Operation_mode_DB.OperatingModes.Output.automatic_selected Cyclic in operation	Data type Address Coding	Binary
ange end value alues tag comment comment dultiplexing dultiplexing ut_automatic_s eneral ame rray elements ccess mode C name ettings cquisition cycle mits pper 2 near scaling	Unchecked selected out_automatic_selected 0 <symbolic access=""> PLC_1 1 s</symbolic>	HMI device value range start value Start value Source comment Index tag Connection Length PLC tag Acquisition mode Lower 2 PLC value range end	HMI_Connection_1 1 Operation_mode_DB.OperatingModes.Output.automatic_selected Cyclic in operation	Data type Address Coding	Binary
ange end value alues tag comment comment dultiplexing dultiplexing ut_automatic_s eneral ame rray elements ccess mode C name ettings cquisition cycle mits pper 2 near scaling near scaling may end value alues	Unchecked selected out_automatic_selected out_symbolic access> PLC_1 1 s Unchecked	HMI device value range start value Start value Source comment Index tag Connection Length PLC tag Acquisition mode Lower 2 PLC value range end value HMI device value range start value	HMI_Connection_1 1 Operation_mode_DB.OperatingModes.Output.automatic_selected Cyclic in operation	Data type Address Coding	Binary
ange end value alues b tag bmment bmment fultiplexing ful	Unchecked selected out_automatic_selected out_symbolic access> PLC_1 1 s Unchecked	HMI device value range start value Start value Source comment Index tag Connection Length PLC tag Acquisition mode Lower 2 PLC value range end value HMI device value	HMI_Connection_1 1 Operation_mode_DB.OperatingModes.Output.automatic_selected Cyclic in operation	Data type Address Coding	Binary

T.4 II 1.4 4 .					
Totally Integrated Automation Porta					
Multiplexing Multiplexing	Unchecked	Index tag			
out_manual_sele	ected				
General Name	out_manual_selected	Connection	HMI_Connection_1	Data type	Bool
Array elements	0	Length	1	Address	
Access mode	<symbolic access=""></symbolic>	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 Linear scaling		Lower 2			
Linear scaling	Unchecked	PLC value range end value	10	PLC value range start	0
HMI device value	100	HMI device value	0	value	
range end value Values		range start value			
ID tag		Start value			
Comment		Source comment			
Comment Multiplexing		Source comment			
Multiplexing	Unchecked	Index tag			
out_e-stop-active	e				
General					
Name	out_e-stop-active	Connection	HMI_Connection_1	Data type Address	Bool
Array elements Access mode	0 <symbolic access=""></symbolic>	Length PLC tag	Operation_mode_DB.OperatingMo-	Coding	Binary
PLC name	PLC_1		des.Output.estop_active		
Settings	[[[]				
Acquisition cycle Limits	1 s	Acquisition mode	Cyclic in operation		
Upper 2		Lower 2			
Linear scaling	Unchecked	DI C value range and	10	DI C value range start	0
Linear scaling	Опспескеа	PLC value range end value	10	PLC value range start value	U
HMI device value range end value	100	HMI device value range start value	0		
Values					
ID tag Comment		Start value			
Comment		Source comment			
Multiplexing Multiplexing	Unchecked	Index tag			
	011011001100				
out_started					
General Name	out_started	Connection	HMI_Connection_1	Data type	Bool
Array elements	0	Length	1	Address	
Access mode	<symbolic access=""></symbolic>	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 Linear scaling		Lower 2			
Linear scaling	Unchecked	PLC value range end	10	PLC value range start	0
HMI device value	100	value HMI device value	0	value	
range end value Values		range start value			
ID tag		Start value			
Comment		Source comment			
Comment Multiplexing		Source comment			
Multiplexing	Unchecked	Index tag			
out_automatic					
General					
Name	out_automatic	Connection	HMI_Connection_1	Data type	Bool
Array elements Access mode	0 <symbolic access=""></symbolic>	Length PLC tag	1 Operation_mode_DB.OperatingMo-	Address Coding	Binary
			des.Output.automatic		-
PLC name Settings	PLC_1				
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation		
Limits Upper 2		Lower 2			
Linear scaling			40	llni c	lo.
Linear scaling	Unchecked	PLC value range end value	10	PLC value range start value	U
	i				l

HMI device value	100 H	IMI device value	0	7	
ange end value /alues		ange start value			
D tag	S	tart value			
Comment					
Comment	S	ource comment			
Multiplexing Multiplexing	Unchecked	ndex tag			
wuitipiexiiig	Unchecked	nuex tag			
out_manual					
General					
lame			HMI_Connection_1	Data type	Bool
Array elements		ength LC tag	1 Operation_mode_DB.OperatingMo-	Address Coding	Binary
access mode	<symbolic access=""></symbolic>	LC tag	des.Output.manual	County	Billary
LC name	PLC_1		·		
ettings					
Acquisition cycle Limits	1 s A	Acquisition mode	Cyclic in operation		
Jpper 2	L	ower 2			
inear scaling					
inear scaling	Unchecked P		10	PLC value range start	0
HMI device value		alue IMI device value	0	value	
ange end value		ange start value			
/alues					
D tag Comment	S	tart value			
Comment	0	ource comment			
Multiplexing					
Multiplexing	Unchecked	ndex tag			
out_error_active					
General Name	out_error_active C	Connection	HMI Connection 1	Data type	Bool
Name Array elements		onnection ength	HMI_Connection_1	Data type Address	וטטטו
Access mode		LC tag	Operation_mode_DB.OperatingMo-	Coding	Binary
			des.Output.error_active		
PLC name Settings	PLC_1				
Acquisition cycle	1 s A	Acquisition mode	Cyclic in operation		
Limits					
Jpper 2	L	ower 2			
Linear scaling	Unchecked P	Ol C value range and	10	PLC value range start	
Linear scaling		PLC value range end value	IU	value	U
		IMI device value	0		
HMI device value		ange start value			
range end value					
range end value Values	ra	tart value			
range end value	ra	tart value			
range end value Values ID tag Comment Comment	ra	tart value ource comment			
range end value Values D tag Comment Comment Multiplexing	ra	ource comment			
range end value Values D tag Comment Comment Multiplexing	ra				
range end value Values D tag Comment Comment Multiplexing	ra	ource comment			
range end value Values D tag Comment Comment Multiplexing	ra	ource comment			
range end value Values D tag Comment Comment Multiplexing	ra	ource comment			
range end value Values ID tag Comment	ra	ource comment			
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range end value Values D tag Comment Comment Multiplexing	ra	ource comment			
ange end value Values D tag Comment Comment Multiplexing	ra	ource comment			
ange end value Values D tag Comment Comment Multiplexing	ra	ource comment			

Totally Integrated Automation Portal	
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Task3_V15 / HMI_1 [KTP400 Basic PN]

Connections

HMI_Connection_1

Name	HMI Connection 1	Communication driv-	SIMATIC S7 1200	Comment		
		er				
Online	Checked	Station	S7-1200 station_1	Partner	PLC_1	
Node	CPU 1212C AC/DC/Rly, PROFINET inter-	HMI time synchroni-	None			
	face (R0/S1)	zation mode				

Parameter

HMI device						
Interface	PROFINET (X1)	Address	192.168.1.101	Access point	S7ONLINE	
PLC						
Address	192 168 1 100					

Totally Integrated Automation Portal								
Task3_V15 / HN	II_1 [KTP400 Basic PN] / HMI alarms							
Discrete alarms	Discrete alarms							
This folder is empty.								
Ī		Î						

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Task3_V15 / HN	II_1 [KTP400 Basic PN] / HMI alarms						
Analog alarms							
This folder is empty.							

Alarm around		11 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		,,	1	
General Name	Alarm_group_13	ID	13	
Alarm_group_14	/ warm_group_15		13	
General		llip.	laa	
Name Alarm_group_15	Alarm_group_14	ID	14	
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	
Name Alarm_group_8	Alaini_group_7	<u>الما</u>	, , , , , , , , , , , , , , , , , , ,	
General				
Name Alarm_group_9	Alarm_group_8	ID	8	
General				
Jeneral	Alarm_group_9	ID	9	

Totally Integrated Automation Portal					
ask3_V15 / Fask3_V15 / Fask3_V	HMI_1 [KTP400 Basic Pl	N] / HMI alarm	ıs		
ieneral					
lame	Acknowledgement	Display name	Α	ID	33
ommon alarm class	Acknowledgement	Alarm log	<no log=""></no>		
cknowledgment		·			
tate machine	Alarm with single-mode acknowledg- ment				
tate texts	\.			c . u	
ext for "Incoming"		Text for "Outgoing"	0	Text for "Acknowl- edged"	A
olors	255 255 255	D. dd. Ill.	255.0.0	Do alamana di Illanda ann	255 255 255
ackground "Incom- ng/Acknowledged"	255, 255, 255	Background "Incom- ing"	255, 0, 0	Background "Incom- ing/Outgoing/ Acknowledged"	255, 255, 255
Background "Incom- ng/Outgoing"	255, 0, 0			,	
rrors					
ieneral					
ame	Errors	Display name	!	ID	1
ommon alarm class	<no alarm="" class=""></no>	Alarm log	<no log=""></no>		
cknowledgment					
tate machine	Alarm with single-mode acknowledg- ment				
tate texts	\.			c . u	\
ext for "Incoming"	1	Text for "Outgoing"	0	Text for "Acknowl- edged"	A
Colors Background "Incom-	255, 255, 255	Background "Incom-	255, 0, 0	Background "Incom-	255, 255, 255
ng/Acknowledged"	255, 255, 255	ing"	255, 0, 0	ing/Outgoing/ Acknowledged"	255, 255, 255
ackground "Incom- ng/Outgoing"	255, 0, 0				
lo Acknowledgen	nent				
eneral					
ame	No Acknowledgement	Display name	NA	ID	34
	No Acknowledgement	Alarm log	<no log=""></no>		
cknowledgment					
	Alarm without acknowledgment				
tate texts ext for "Incoming"	ı	Text for "Outgoing"	0	Text for "Acknowl-	A
Colors				edged"	
	255, 255, 255	Background "Incom-	255, 0, 0	Background "Incom-	255, 255, 255
ackground incom-	۲۵۵, ۲۵۵, ۲۵۵		233, 0, 0		۷٫۵, ۷٫۵, ۷٫۵
ng/Acknowledged"		ing"		ing/Outgoing/ Acknowledged"	

General	General							
Name	System	Display name	\$	ID	3			
Common alarm class	<no alarm="" class=""></no>	Alarm log	<no log=""></no>					
Acknowledgment	Acknowledgment							
State machine	Alarm without acknowledgment							
State texts								
Text for "Incoming"		Text for "Outgoing"	0	Text for "Acknowl- edged"	А			
Colors								
Background "Incom- ing/Acknowledged"	255, 255, 255	Background "Incom- ing"	255, 255, 255	Background "Incom- ing/Outgoing/ Acknowledged"	255, 255, 255			
Background "Incom- ing/Outgoing"	255, 255, 255							

System

Warnings						
	.,.					
Warnings	Display name		ID	2		
<no alarm="" class=""></no>	Alarm log	<no log=""></no>				
Alarm without acknowledgment						
I	Text for "Outgoing"	0	Text for "Acknowl- edged"	A		
255, 255, 255	Background "Incom- ing"	255, 255, 255	Background "Incom- ing/Outgoing/ Acknowledged"	255, 255, 255		
	Alarm without acknowledgment	Alarm log Alarm without acknowledgment I Text for "Outgoing" 255, 255, 255 Background "Incom-	Alarm log Alarm log Alarm without acknowledgment Text for "Outgoing" O 255, 255, 255 Background "Incom- 255, 255, 255	Alarm log <no log=""> Alarm without acknowledgment Text for "Outgoing" O Text for "Acknowledged" 255, 255, 255 Background "Incoming" 255, 255, 255 Background "Incoming" 255, 255, 255</no>		

Totally Integrated Automation Portal			
Background "Incoming/Outgoing"	5, 255, 255		

Totally Integrated Automation Portal		
Task3_V15 / HV	II_1 [KTP400 Basic PN] / HMI alarms	
System events		
This folder is empty.		

Totally Integrated Automation Portal		
Task3_V15 / HM	II_1 [KTP400 Basic PN]	
Recipes		
This folder is empty.		
i		

Totally Integrated Automation Portal					
Task3_V15 / HV	II_1 [KTP400 Basic PN] / Historical data				
Datalogs					
This folder is empty.					
i		i			

Totally Integrated Automation Portal		
Task3_V15 / HM	II_1 [KTP400 Basic PN] / Historical data	
AlarmLogs		
This folder is empty.		
<u></u>		

Totally Integrated Automation Portal		
Task3_V15 / HM	II_1 [KTP400 Basic PN]	
Scheduled tasks		
This folder is empty.		

Totally Integrated Automation Portal					
Task3_V15 / HM	II_1 [KTP400 Basic PN] / Text and graphic lists				
Text lists					
This folder is empty.					

Totally Integrated Automation Portal					
Task3_V15 / HM	II_1 [KTP400 Basic PN] / Text and graphic lists				
Graphic lists					
This folder is empty.					

ministrator eral		II	\.	
ne omatic logoff	Administrator	Number	1	
omatic logoff nment nment	Checked	Logoff time	5	
ups	The user 'Administrator' is assigned to the 'Adagroup.	ministrator		
ups	Administrator group;			

eral ne	Administrator group	Display name	Administrator group	Number	1	
sword aging nment	Unchecked			,		
ment	The 'Administrator' group is initially granted all rights.					
orizations orizations	User administration; Monitor; Operate;					
rs						
ral	Users	Display name	Users	Number	2	
vord aging nent	Unchecked					
nent	The 'Users' group is initially granted 'Operating' rights.					
orizations orizations	Operate;					

Totally Integra Automation P	ortal				
ask3_V1!	5 / HMI_1 [KTP400 Basic P	N] / User adr	ministration		
ıthorizati					
onitor					
neral me	Monitor	Authorization	Monitor	Authorization number 2	
mment mment	'Monitor' authorization.	Authorization	INIOTITEO	Authorization number 2	
erate	Monitor authorization.				
neral					
ne nment	Operate	Authorization	Operate	Authorization number 3	
nment	'Operate' authorization.				
er administ	tration				
eral ne	User administration	Authorization	User administration	Authorization number 1	
nment nment	Authorization 'User administration' fo	or			
	managing users in the user view in- rRuntime.				

Totally Integrated Automation Portal		
Task3_V15		
Ungrouped devic	es	
This folder is empty.		

Totally Integrated Automation Portal	
Task3_V15	
Security settings	
This folder is empty.	

arm classes				
rm classes me	Display name	Acknowledgment	Priority	
knowledgement Acknowledgement	A NA	True False	0	
	1.0	, 2005	- -	

Totally Integrated Automation Portal		
Task3_V15 / Cor	nmon data	
Logs		
This folder is empty.		
This folder is empty.		
i		İ

Totally Integrated Automation Portal		
Task3_V15 / Coi	nmon data	
Styles		
This folder is empty.		

Totally Integrated Automation Portal		
	nguages & resources	
Project languages		
Languages Reference language English (United States)		
Editing language English (United States)		
Other project languages Empty		

Totally Integrated
Automation Portal

Task3_V15 / Languages & resources / Project texts

Project texts

Project texts English (United States)	Category	Reference
English (United States)	Other text category	Task3_V15\Comment
	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screen management\Templates\Template_1\Tem-
	THAT SCIENT	plate Button_1\Text OFF
	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screen management\Templates\Template_1\Tem-
		plate_Button_1\Text ON
	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screen management\Templates\Template_1\Tem-
		plate_Button_2\Text OFF
	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screen management\Templates\Template_1\Tem-
	Alarm text	plate_Button_2\Text ON Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Warnings\alarmclass name not set_1\Alarm-
	Aldilli text	ClassData_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\AlarmClass-
!!	Alarma taut	Data_IDisplayNaming_DisplayName Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Safety warnings\alarmclass name not
!	Alarm text	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\Alarm-
		ClassData_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
Α	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\System\AcknowledgedText
Α	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Diagnosis events\AcknowledgedText
Α	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Safety warnings\AcknowledgedText
Α	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 manag-	HMI comment	Task3_V15\HMI_1 [KTP400 Basic PN]\User administration\User administration\Comment
ing users in the user view inrRuntime.		T. LO MATININI A DITTAGO D. I. DIVING
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
Automaticiwanuai mode	Block Comment	[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\Com
		ment
command value	Block comment	Task3_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 1\Com-
		ment
command value	Block comment	Task3_V15\PLC_2 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 1\Com-
	Die Leave et	ment
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
LITOI	Block comment	[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
F. JAD. vakina	LIMITORIO	[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\Tem-
LAIMMITHIE	I IIVII SCIECII	plate_Button\Text ON
	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Errors\ComingText
	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Warnings\ComingText
<u> </u>	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\System\ComingText
	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
Is =	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Acknowledgement\ComingGoingText
IO		Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\No Acknowledgement\ComingGoingText
IO IO	Alarm text	* * *
	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Button_4\Text OFF
IO Manual Monitor	HMI screen HMI runtime	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Button_4\Text OFF Task3_V15\HMI_1 [KTP400 Basic PN]\User administration\Monitor\ShortName
IO Manual	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Button_4\Text OFF

nglish (United States)	Category	Reference
A	Alarm class text	Task3_V15\No Acknowledgement\ShortName
avigateHome	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screen management\Templates\Template_1\Template_Button_3\Text OFF
avigateHome	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screen management\Templates\Template_1\Tem-
)	Alarm text	plate_Button_3\Text ON Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Errors\GoingText
<u>, </u>	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Warnings\GoingText
<u>, </u>		Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\System\GoingText
	Alarm text	
	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Diagnosis events\GoingText
	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Safety warnings\GoingText
	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Acknowledgement\GoingText
	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\No Acknowledgement\GoingText
perate	HMI runtime	Task3_V15\HMI_1 [KTP400 Basic PN]\User administration\Operate\ShortName
perate' authorization.	HMI comment	Task3_V15\HMI_1 [KTP400 Basic PN]\User administration\Operate\Comment
peration command	Block comment	Task3_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 12\
		ment
peration command	Block comment	Task3_V15\PLC_2 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 12\
	2.0 six 30	ment
peration mode	Block comment	Task3_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Main [OB1]\Network 2\Title
peration mode	Block comment	Task3_V15\PLC_2 [CPU 1212C AC/DC/Rly]\Program blocks\Main [OB1]\Network 1\Title
•		• •
peration modes	Block comment	Task3_V15\PLC_2 [CPU 1212C AC/DC/Rly]\Program blocks\Operation modes\Operation_m
		[FB1]\Block title
peration modes	Block comment	Task3_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Operation modes\Operation_m
		[FB1]\Block title
peration Modes	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Text field_1\Text
ut in PLC_2	Block comment	Task3_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Main [OB1]\Network 1\Title
GR	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\Runtime settings\HmiAlarmSettingsData\Acknowledge
		mentGroupText
ead value 0	Block comment	Task3_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 3\C
		ment
ead value 0	Block comment	Task3_V15\PLC_2 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 3\C
		ment
ead value 1	Block comment	Task3_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 4\C
		ment
ead value 1	Block comment	Task3_V15\PLC_2 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 4\C
ad value 1	Block comment	ment
ead value 2	Block comment	Task3_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 5\C
ad value 2	Block comment	ment
ead value 2	Block comment	Task3_V15\PLC_2 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 5\C
edu value 2	BIOCK COMMENT	ment
and value 2	Diagle somment	
ead value 3	Block comment	Task3_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 6\C
	DI I	ment
ead value 3	Block comment	Task3_V15\PLC_2 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 6\C
		ment
eset Error	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Button_5\Text OFF
eset E-stop	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Button_6\Text OFF
7	Alarm text	Task3_V15\HMI_1 [KTP400 Basic PN]\HMI alarms\Diagnosis events\alarmclass name not
		set_3\AlarmClassData_IDisplayNaming_DisplayName
imulate Error ON	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Switch_2\Text OFF
imulate Error OFF	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Switch_2\Text ON
mulate E-Stop OFF	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Switch_1\Text ON
mulate E-Stop ON	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Switch_1\Text OFF
•		
imulate User Interaction OFF	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Switch_3\Text ON
imulate User Interaction ON	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Switch_3\Text OFF
mulate Warning OFF	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Switch_4\Text ON
mulate Warning ON	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Switch_4\Text OFF
tart	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Button_1\Text OFF
tart/Stop operation	Block comment	Task3_V15\PLC_2 [CPU 1212C AC/DC/Rly]\Program blocks\Operation modes\Operation_m
tal tistop operation	Block comment	[FB1]\Network 1\Title
tart/Stop operation	Block comment	Task3_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Operation modes\Operation_m
tal (/3top operation	Block comment	[FB1]\Network 1\Title
tatua	Diagle sommant	Task3_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 2\C
atus	Block comment	ment
L-4	Dia di sanana sat	
tatus	Block comment	Task3_V15\PLC_2 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 2\C
		ment
top	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Button_2\Text OFF
witch	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Switch_1\Caption text
witch	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Switch_2\Caption text
witch	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Switch_3\Caption text
witch	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Switch_4\Caption text
ext	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Button_1\Text ON
ext	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Button_2\Text ON
		Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Button_3\Text ON
ext	HMI screen	
ext	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Button_4\Text ON
ext	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Button_5\Text ON
ext	HMI screen	Task3_V15\HMI_1 [KTP400 Basic PN]\Screens\Root screen\Button_6\Text ON
he 'Administrator' group is initially granted		Task3_V15\HMI_1 [KTP400 Basic PN]\User administration\Administrator group\Comment
3 1 , 3		
ghts.	d- HMI comment	Task3_V15\HMI_1 [KTP400 Basic PN]\User administration\Administrator\Comment
ghts. he user 'Administrator' is assigned to the 'A	a rivir comment	143/2_v 13/11/4/1_1 [K11 400 basic 1 N]10361 administration/Administration/Comment
he user 'Administrator' is assigned to the 'A		
he user 'Administrator' is assigned to the 'A ninistrator' group.	HMI comment	lask3 V15\HML 1 IKTP400 Basic PNINTser administration/Hisers/Comment
he user 'Administrator' is assigned to the 'A ninistrator' group. he 'Users' group is initially granted 'Operat-	HMI comment	Task3_V15\HMI_1 [KTP400 Basic PN]\User administration\Users\Comment
he user 'Administrator' is assigned to the 'A ninistrator' group. he 'Users' group is initially granted 'Operat- ng' rights.		
he user 'Administrator' is assigned to the 'A ninistrator' group. he 'Users' group is initially granted 'Operat- ng' rights. ser administration	HMI runtime	Task3_V15\HMI_1 [KTP400 Basic PN]\User administration\User administration\ShortName
he user 'Administrator' is assigned to the 'A ninistrator' group. he 'Users' group is initially granted 'Operat- ng' rights. ser administration sers	HMI runtime HMI runtime	Task3_V15\HMI_1 [KTP400 Basic PN]\User administration\User administration\ShortName Task3_V15\HMI_1 [KTP400 Basic PN]\User administration\Users\DisplayName
ghts. he user 'Administrator' is assigned to the 'A ninistrator' group. he 'Users' group is initially granted 'Operat- ng' rights. ser administration sers	HMI runtime	Task3_V15\HMI_1 [KTP400 Basic PN]\User administration\User administration\ShortName Task3_V15\HMI_1 [KTP400 Basic PN]\User administration\Users\DisplayName Task3_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 13\widehat{I}
he user 'Administrator' is assigned to the 'A ninistrator' group. he 'Users' group is initially granted 'Operat- ng' rights. ser administration sers	HMI runtime HMI runtime	Task3_V15\HMI_1 [KTP400 Basic PN]\User administration\User administration\ShortName Task3_V15\HMI_1 [KTP400 Basic PN]\User administration\Users\DisplayName

Totally Integrated Automation Portal		
English (United States) write value 1	Category Block comment	Reference Task3_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 14\Co
write value 1	Block comment	ment
		Task3_V15\PLC_2 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 14\Co
vrite value 2	Block comment	Task3_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 15\Common
vrite value 2	Block comment	Task3_V15\PLC_2 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 15\Coment
rite value 3	Block comment	Task3_V15\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 16\Comment
rrite value 3	Block comment	Task3_V15\PLC_2 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\Row 16\Common ment

Totally Integrated Automation Portal	
Tack2 V1E / Languages & recourses	
Task3_V15 / Languages & resources Project graphics	
Down_Arrow	
Standard graphic	English (United States)
Dithering mode Same color	Same color
Smoothing	Saffie Color
Unchecked	Unchecked
ExitRuntime_KTP400_Basic_PN_TR	
Standard graphic	English (United States)
0	①
Dithering mode Same color	Same color
Smoothing	
Unchecked	Unchecked
Home	For all all (Harthard Charters)
Standard graphic	English (United States)
Dithering mode	
Same color Smoothing	Same color
Unchecked	Unchecked
Left_Arrow	
Standard graphic	English (United States)
Dithering mode Same color	Same color
Same color Smoothing	Same color
Unchecked	Unchecked
NavigateHome_KTP400_Basic_PN_TR	
Standard graphic	English (United States)
Dithering mode Same color	Same color
Smoothing	Sallie Coloi
Unchecked	Unchecked
Right_Arrow	
Standard graphic	English (United States)
Dithering mode Same color	Same color
Smoothing	Sum Coloi
Unchecked	Unchecked

Totally Integrated Automation Portal			
Up_Arrow			
Standard graphic	E	English (United States)	
Dithering mode			
Same color Smoothing		Same color	
Unchecked	U	Jnchecked	